

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029713.D
 Acq On : 23 Jun 2022 01:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 23 01:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	238299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	405933	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142534	45.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.380%			
35) Dibromofluoromethane	5.385	113	133574	50.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.647	98	492730	50.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.980%			
62) 4-Bromofluorobenzene	11.079	95	189057	51.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	159347	55.216	ug/l	99
3) Chloromethane	1.294	50	140442	45.174	ug/l	100
4) Vinyl Chloride	1.374	62	144696	50.552	ug/l	99
5) Bromomethane	1.618	94	74631	51.105	ug/l	100
6) Chloroethane	1.691	64	63129	33.960	ug/l	100
7) Trichlorofluoromethane	1.886	101	203204	50.956	ug/l	98
8) Diethyl Ether	2.136	74	77248	49.169	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	135519	54.196	ug/l	99
10) Methyl Iodide	2.453	142	117866	41.871	ug/l	99
11) Tert butyl alcohol	3.014	59	161262m	233.999	ug/l	
12) 1,1-Dichloroethene	2.319	96	130972	54.251	ug/l	93
13) Acrolein	2.239	56	35011	201.484	ug/l	99
14) Allyl chloride	2.666	41	200167	51.352	ug/l	94
15) Acrylonitrile	3.068	53	376509	255.184	ug/l	99
16) Acetone	2.392	43	286154	227.590	ug/l	100
17) Carbon Disulfide	2.514	76	346314	55.332	ug/l	99
18) Methyl Acetate	2.703	43	164093	49.362	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	428072	51.074	ug/l	99
20) Methylene Chloride	2.788	84	147385	52.631	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	145642	55.195	ug/l	93
22) Diisopropyl ether	3.757	45	386789	50.161	ug/l #	88
23) Vinyl Acetate	3.721	43	1628456	252.970	ug/l	100
24) 1,1-Dichloroethane	3.611	63	241792	52.141	ug/l	99
25) 2-Butanone	4.562	43	473931	238.467	ug/l	99
26) 2,2-Dichloropropane	4.477	77	147502	40.867	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	165882	53.810	ug/l	90
28) Bromochloromethane	4.897	49	83036	46.867	ug/l	95
29) Tetrahydrofuran	5.013	42	315350	238.091	ug/l	97
30) Chloroform	5.093	83	253109	51.576	ug/l	99
31) Cyclohexane	5.471	56	223589	52.796	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	225300	52.050	ug/l	97
36) 1,1-Dichloropropene	5.696	75	189708	52.985	ug/l	98
37) Ethyl Acetate	4.715	43	181872	49.556	ug/l	99
38) Carbon Tetrachloride	5.678	117	188993	53.677	ug/l	99
39) Methylcyclohexane	7.379	83	248187	55.598	ug/l	97
40) Benzene	6.037	78	573275	54.016	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	100834	52.149	ug/l	98
42) 1,2-Dichloroethane	6.086	62	181508	49.750	ug/l	97
43) Isopropyl Acetate	6.336	43	286217	50.153	ug/l	99
44) Trichloroethene	7.123	130	163387	54.427	ug/l	96
45) 1,2-Dichloropropane	7.427	63	138024	53.027	ug/l	96
46) Dibromomethane	7.580	93	102279	54.671	ug/l	96
47) Bromodichloromethane	7.824	83	191621	53.154	ug/l	99
48) Methyl methacrylate	7.690	41	139197	49.747	ug/l	96
49) 1,4-Dioxane	7.702	88	66265	918.528	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	910382	247.497	ug/l	99
52) Toluene	8.720	92	374136	55.052	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	194854	53.488	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	220485	54.050	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	147407	53.645	ug/l	98
56) Ethyl methacrylate	9.116	69	225624	54.352	ug/l	98
57) 1,3-Dichloropropane	9.305	76	239885	52.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	466162	239.002	ug/l	96
59) 2-Hexanone	9.433	43	691319	248.193	ug/l	99
60) Dibromochloromethane	9.525	129	152384	57.119	ug/l	96
61) 1,2-Dibromoethane	9.610	107	157193	55.178	ug/l	100
64) Tetrachloroethene	9.275	164	149240	56.580	ug/l	98
65) Chlorobenzene	10.079	112	394863	55.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	142308	55.380	ug/l	99
67) Ethyl Benzene	10.195	91	705144	54.772	ug/l	97
68) m/p-Xylenes	10.299	106	553462	110.237	ug/l	99
69) o-Xylene	10.640	106	274245	55.288	ug/l	98
70) Styrene	10.653	104	455381	56.070	ug/l	99
71) Bromoform	10.799	173	105437	57.870	ug/l #	100
73) Isopropylbenzene	10.963	105	709324	52.533	ug/l	99
74) N-amyl acetate	10.841	43	239970	51.171	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	216977	49.704	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	199580m	50.872	ug/l	
77) Bromobenzene	11.201	156	163398	53.023	ug/l	98
78) n-propylbenzene	11.305	91	808343	53.154	ug/l	99
79) 2-Chlorotoluene	11.366	91	488430	51.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	598244	52.610	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58862	49.914	ug/l	96
82) 4-Chlorotoluene	11.457	91	558685	52.027	ug/l	100
83) tert-Butylbenzene	11.713	119	590016	53.215	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	597668	52.699	ug/l	100
85) sec-Butylbenzene	11.890	105	745423	54.248	ug/l	100
86) p-Isopropyltoluene	12.012	119	620061	53.892	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	317295	54.050	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	313362	53.464	ug/l	97
89) n-Butylbenzene	12.335	91	527809	54.354	ug/l	99
90) Hexachloroethane	12.542	117	94939	57.626	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	312382	54.135	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46420	47.990	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	192920	54.824	ug/l	99
94) Hexachlorobutadiene	13.725	225	76327	52.979	ug/l	96
95) Naphthalene	13.774	128	701229	55.512	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	193922	55.025	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

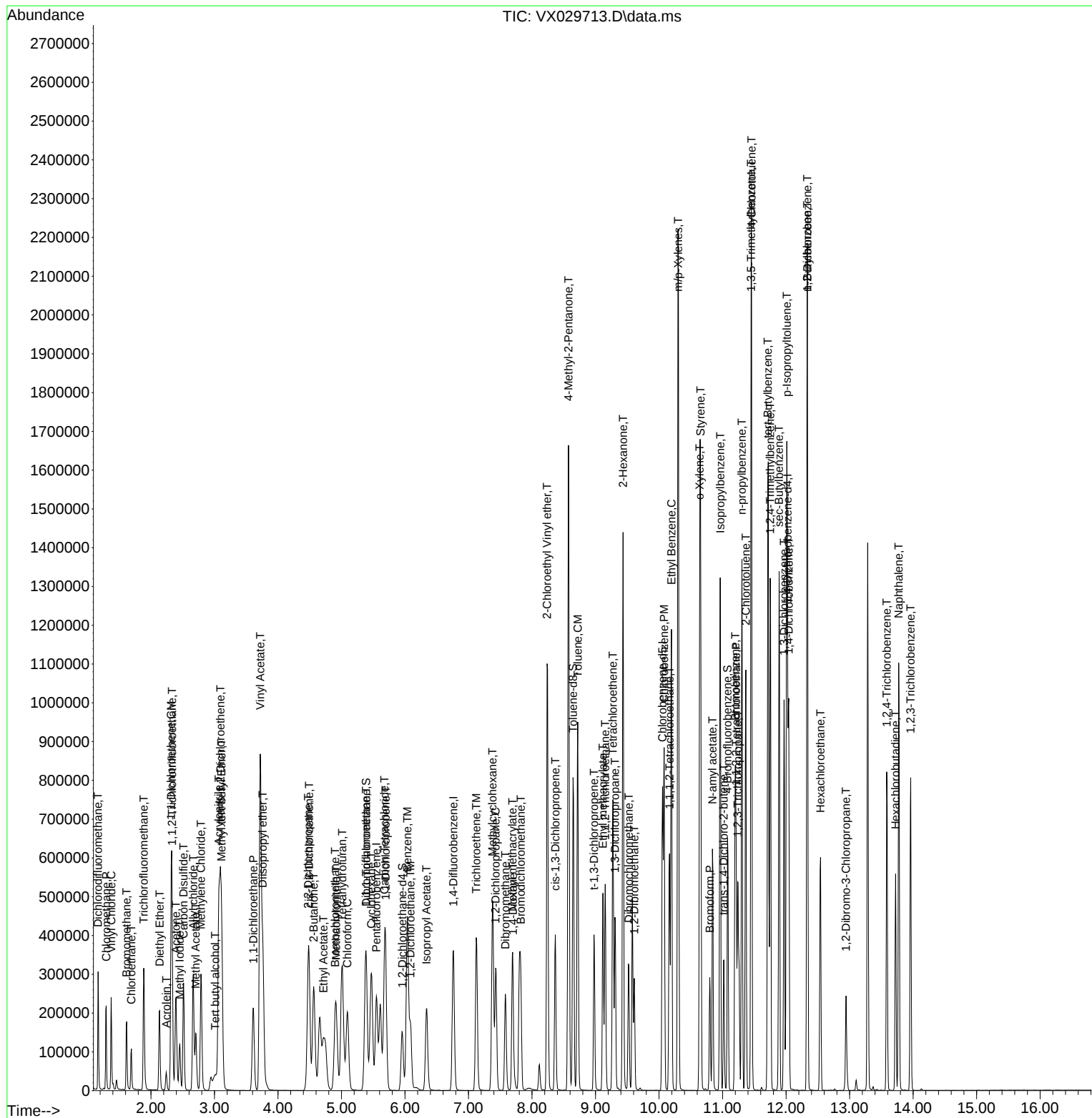
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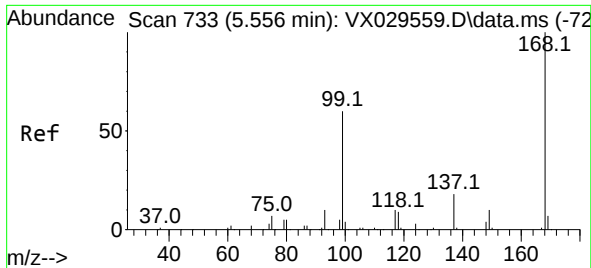
Instrument :
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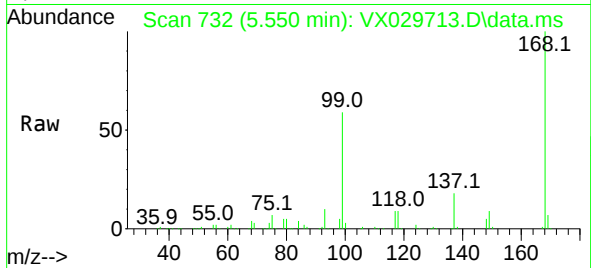
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

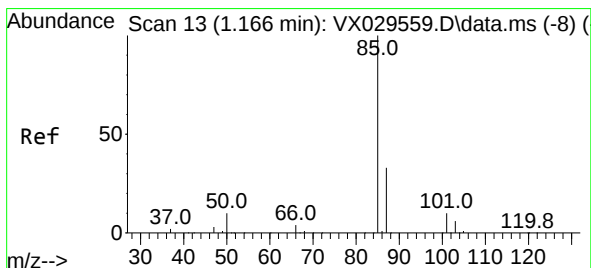
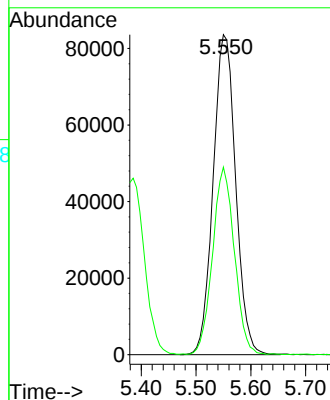
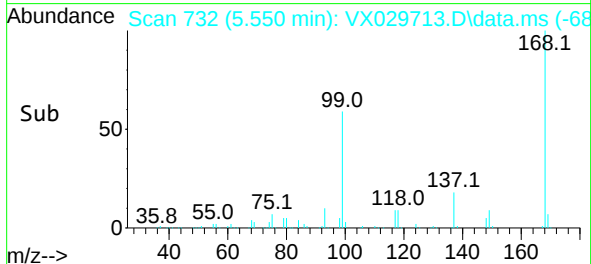
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



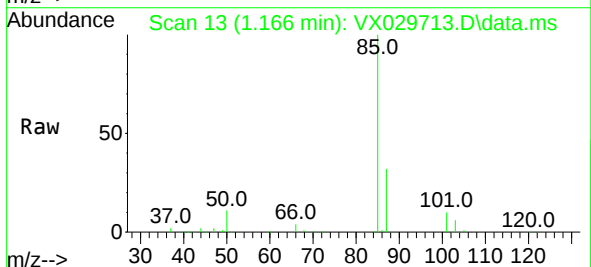
Tgt Ion:168 Resp: 238299
Ion Ratio Lower Upper
168 100
99 58.4 41.7 62.5

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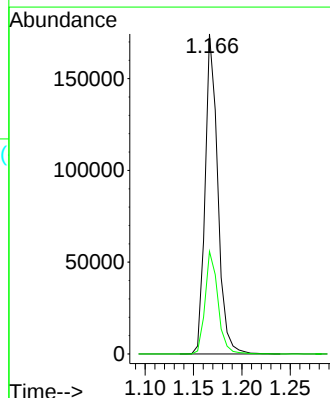
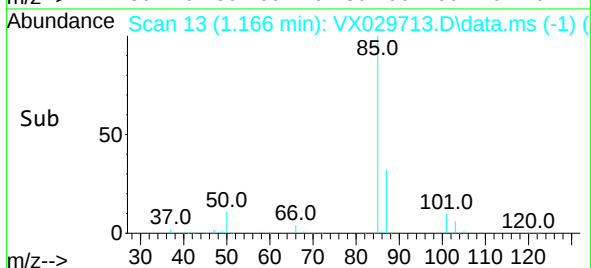
Reviewed By :John Carlone 06/23/2022
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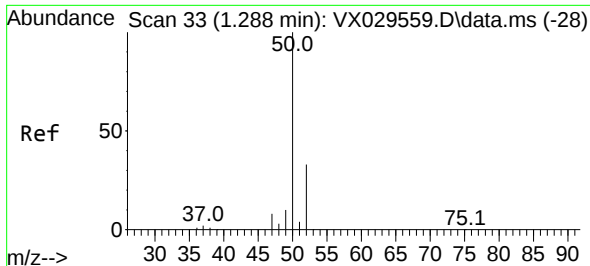


#2
Dichlorodifluoromethane
Concen: 55.216 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



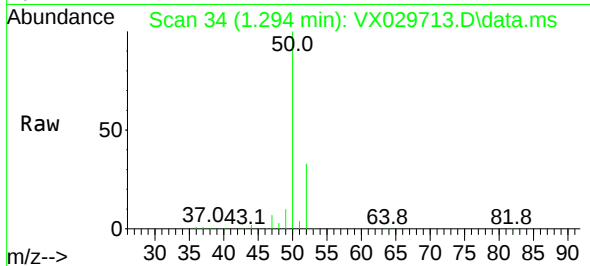
Tgt Ion: 85 Resp: 159347
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 45.174 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

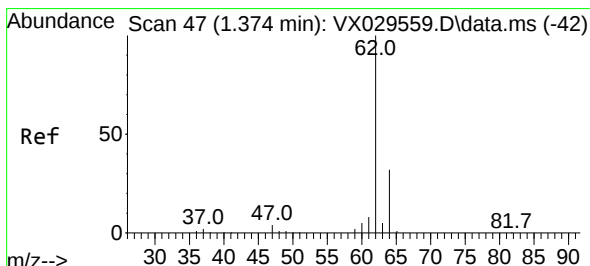
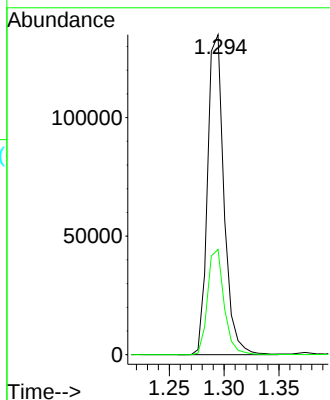
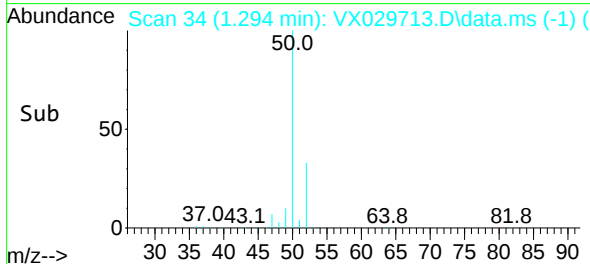
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 14044
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

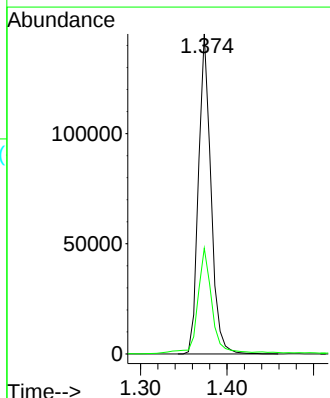
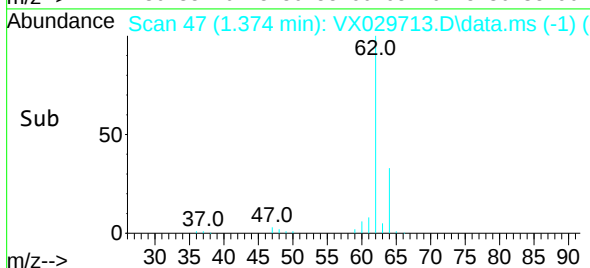
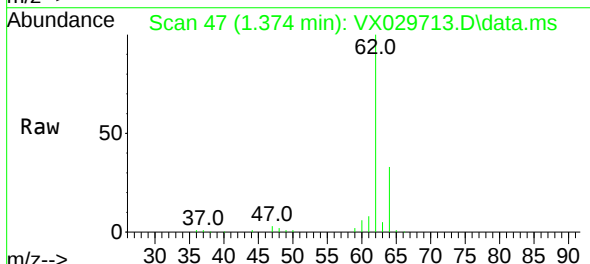
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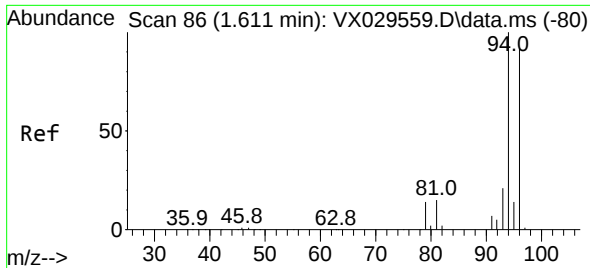
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#4
Vinyl Chloride
Concen: 50.552 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion: 62 Resp: 144696
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





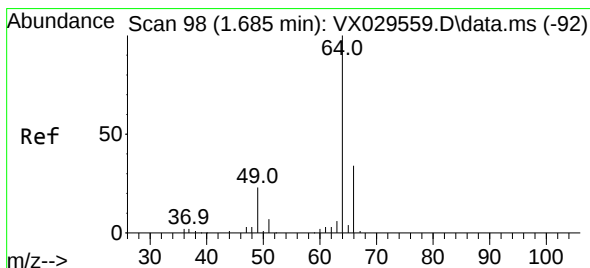
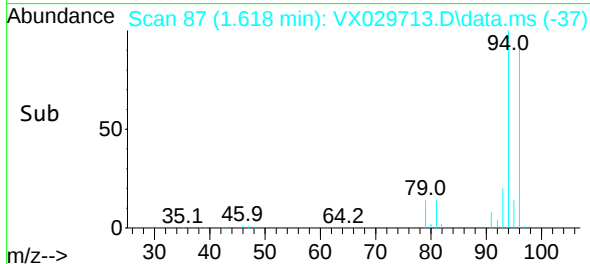
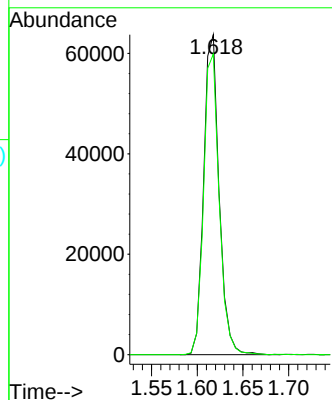
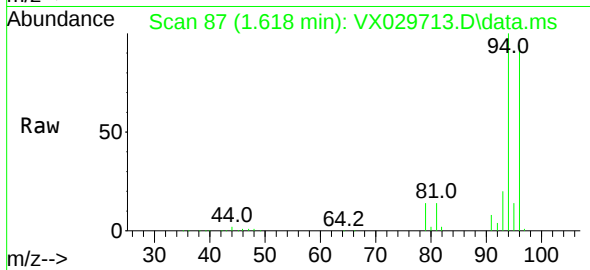
#5
Bromomethane
Concen: 51.105 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 7463
Ion Ratio Lower Upper
94 100
96 93.9 75.3 112.9

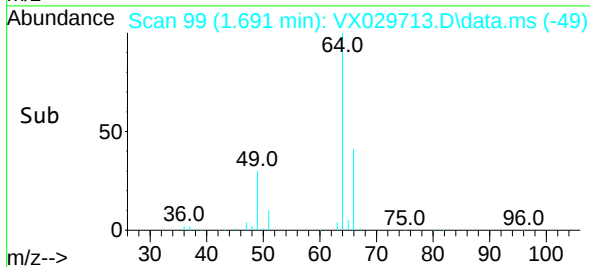
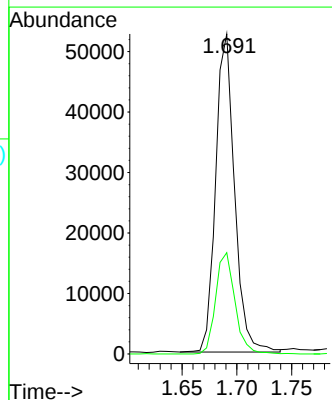
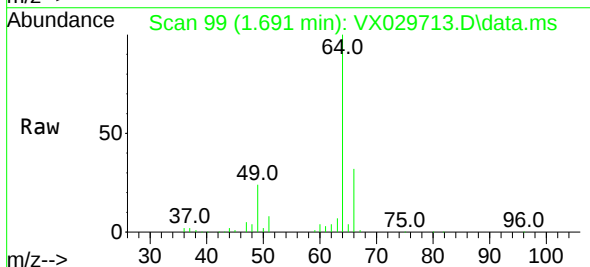
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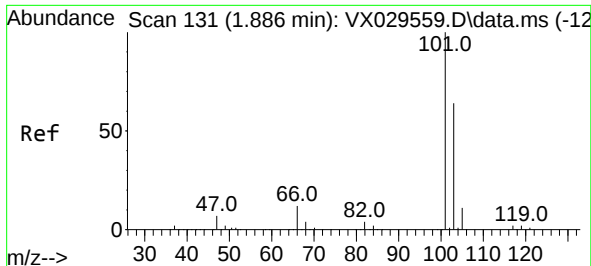
Reviewed By :John Carlone 06/23/2022
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#6
Chloroethane
Concen: 33.960 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

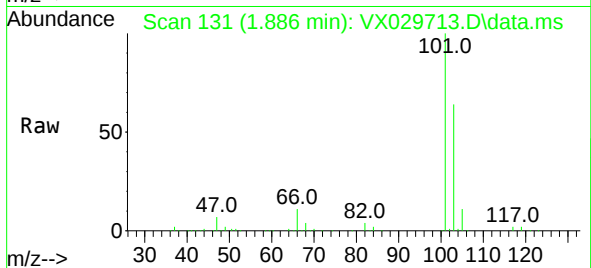
Tgt Ion: 64 Resp: 63129
Ion Ratio Lower Upper
64 100
66 31.8 25.3 37.9





#7
Trichlorofluoromethane
Concen: 50.956 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

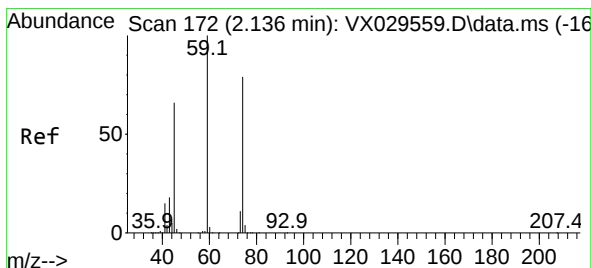
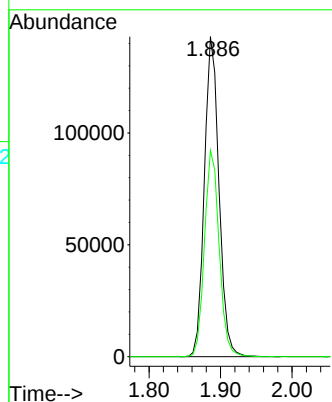
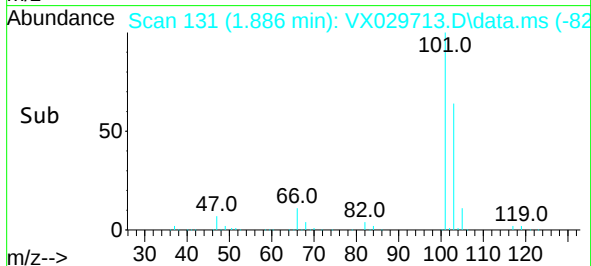
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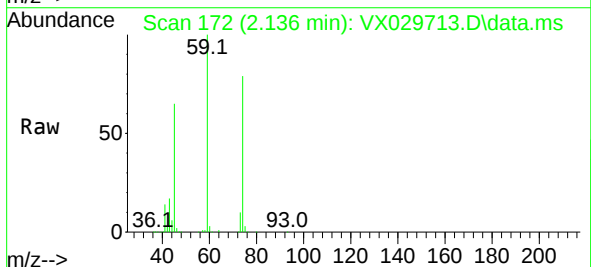
Tgt Ion:101 Resp: 203204
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7

Manual Integrations
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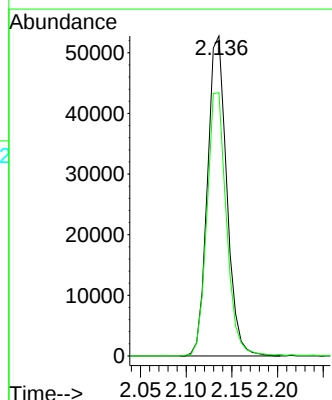
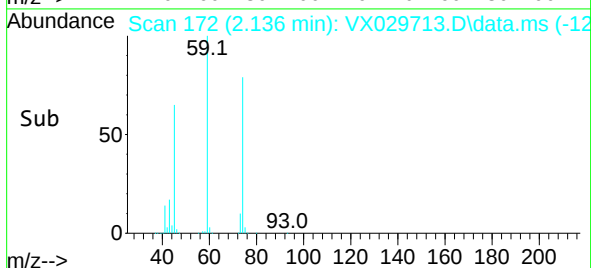
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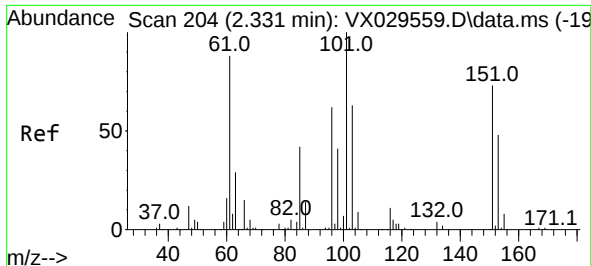


#8
Diethyl Ether
Concen: 49.169 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



Tgt Ion: 74 Resp: 77248
Ion Ratio Lower Upper
74 100
45 83.8 42.0 126.0





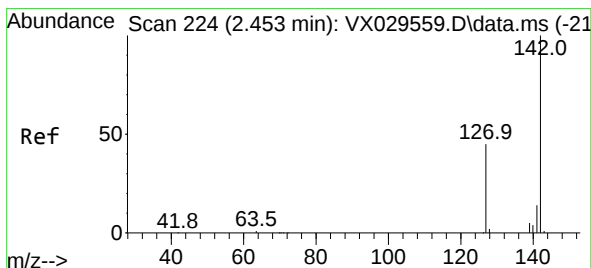
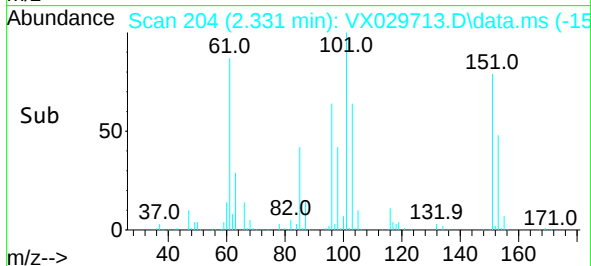
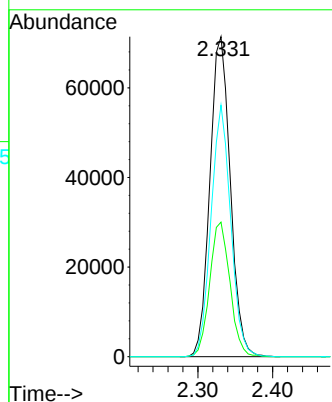
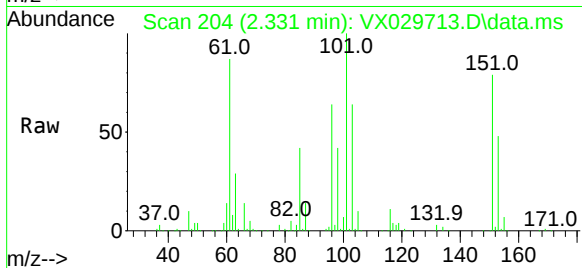
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.196 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 135519
Ion Ratio Lower Upper
101 100
85 41.7 33.5 50.3
151 75.9 61.8 92.6

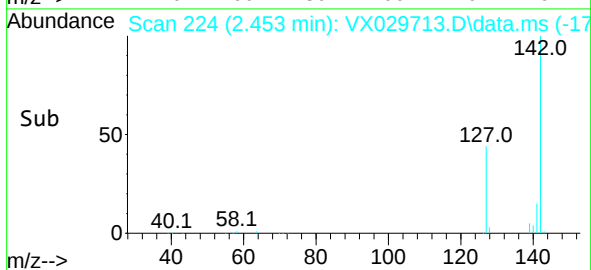
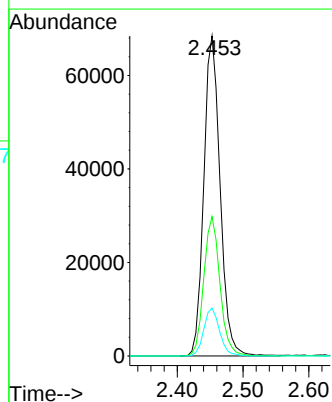
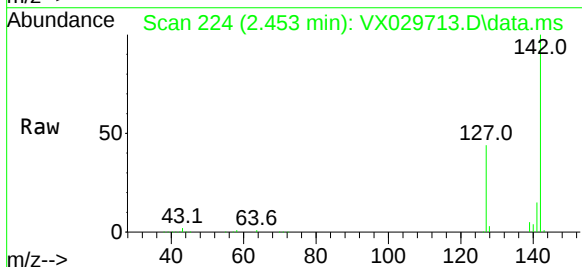
Manual Integrations
APPROVED

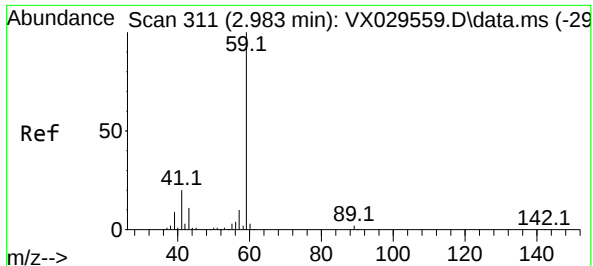
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#10
Methyl Iodide
Concen: 41.871 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

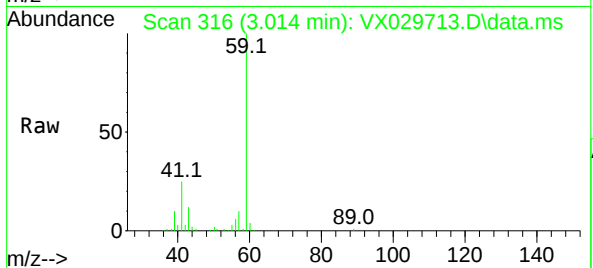
Tgt Ion:142 Resp: 117866
Ion Ratio Lower Upper
142 100
127 43.1 33.9 50.9
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 233.999 ug/l m
RT: 3.014 min Scan# 311
Delta R.T. 0.031 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

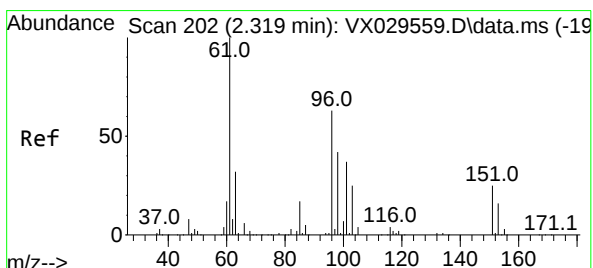
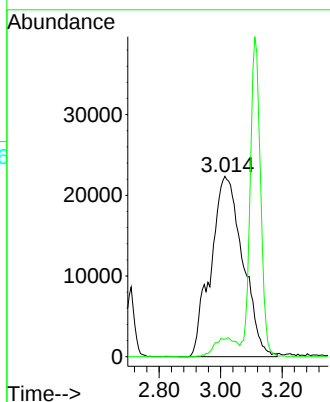
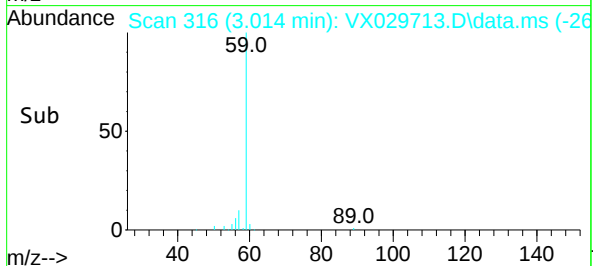
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



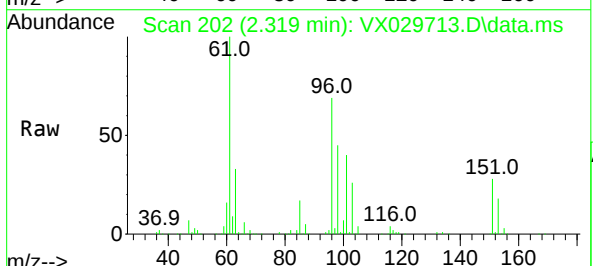
Tgt Ion: 59 Resp: 161262
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

Manual Integrations
APPROVED

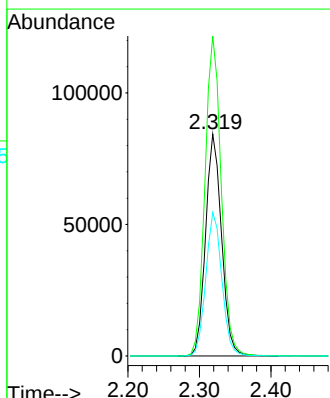
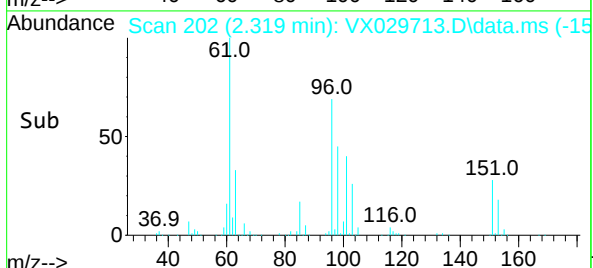
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

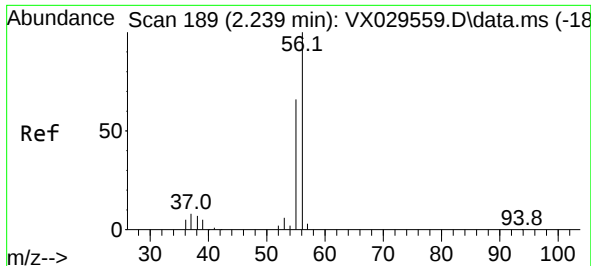


#12
1,1-Dichloroethene
Concen: 54.251 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



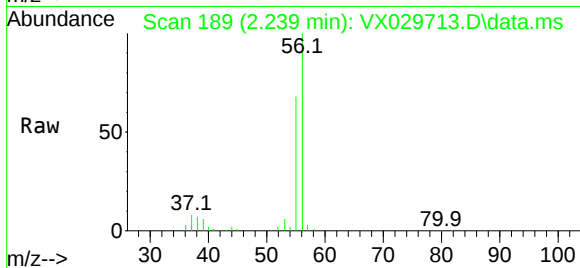
Tgt Ion: 96 Resp: 130972
Ion Ratio Lower Upper
96 100
61 144.2 124.6 187.0
98 64.6 51.0 76.4





#13
Acrolein
Concen: 201.484 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

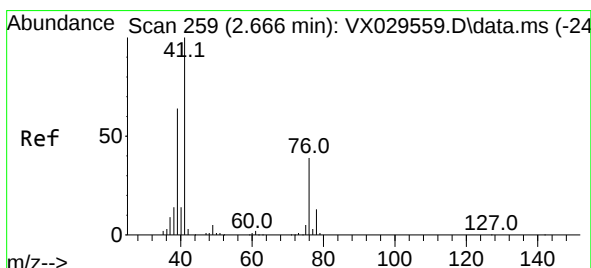
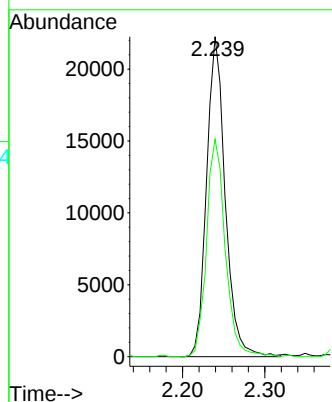
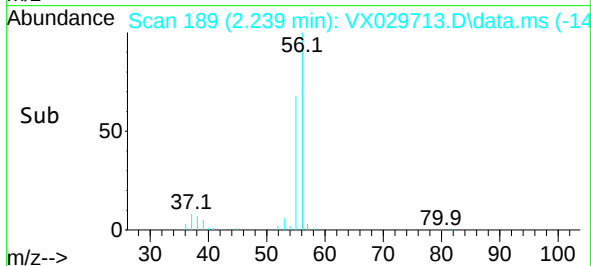
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
55 68.3 55.0 82.6

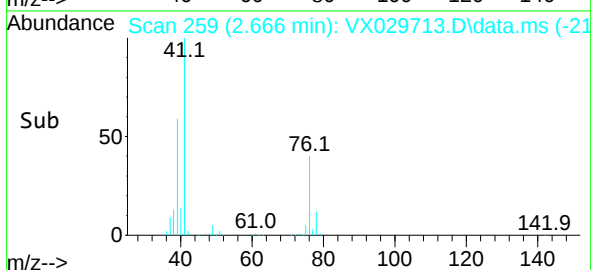
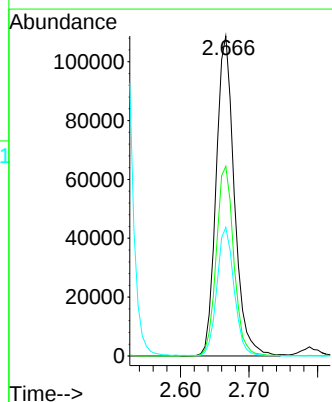
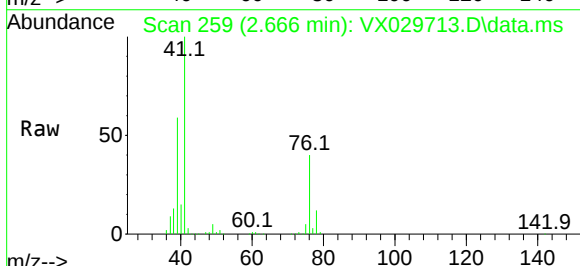
Manual Integrations
APPROVED

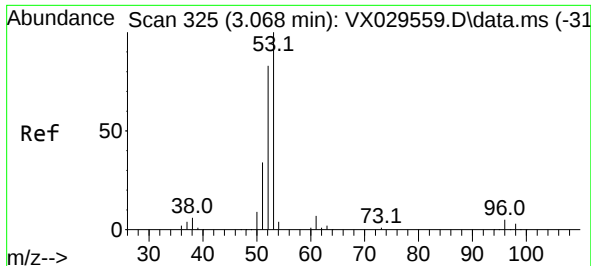
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#14
Allyl chloride
Concen: 51.352 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion: 41 Resp: 200167
Ion Ratio Lower Upper
41 100
39 57.2 50.4 75.6
76 38.0 32.7 49.1





#15

Acrylonitrile

Concen: 255.184 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 376509

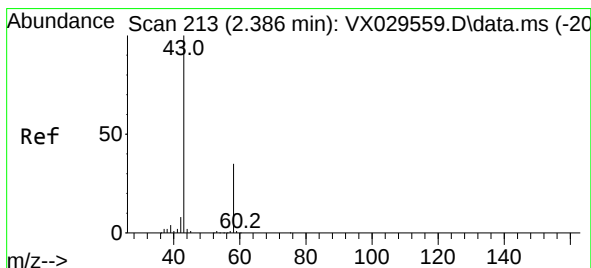
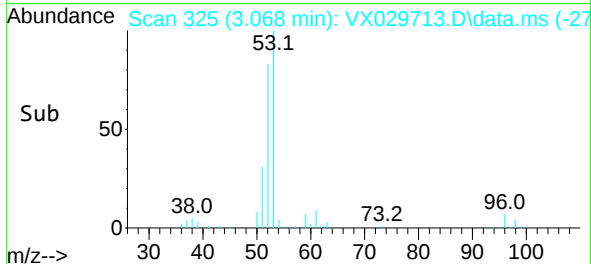
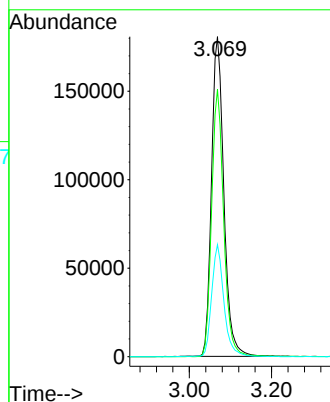
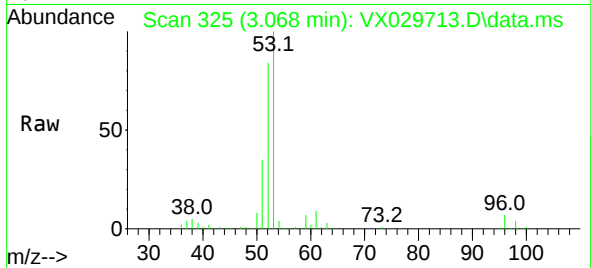
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	35.1	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#16

Acetone

Concen: 227.590 ug/l

RT: 2.392 min Scan# 214

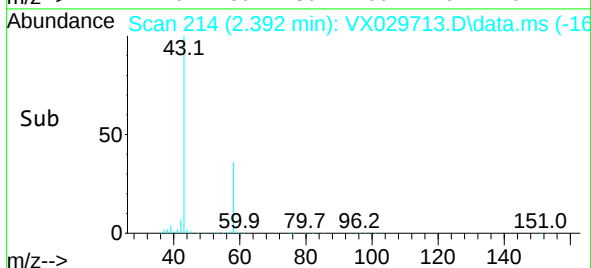
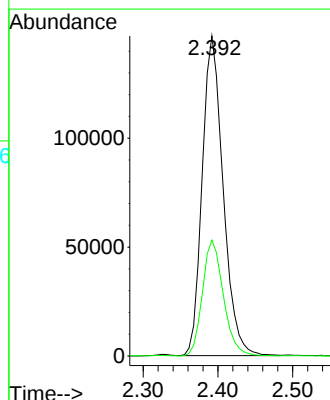
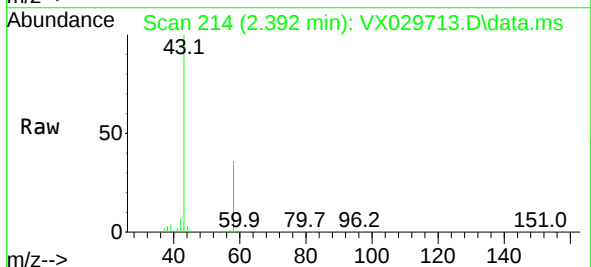
Delta R.T. 0.006 min

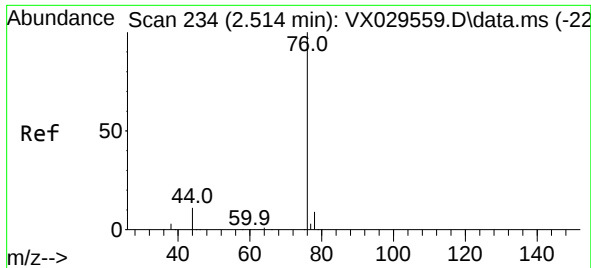
Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Tgt Ion: 43 Resp: 286154

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.8	43.2





#17

Carbon Disulfide

Concen: 55.332 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 346314

Ion Ratio Lower Upper

76 100

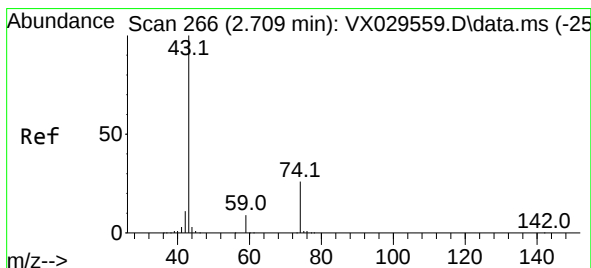
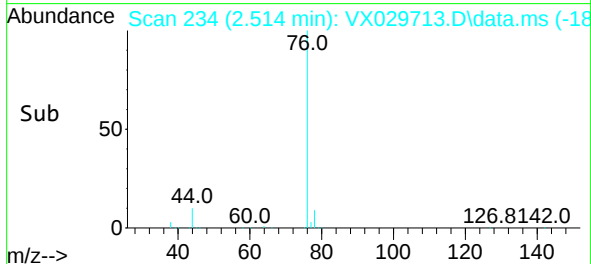
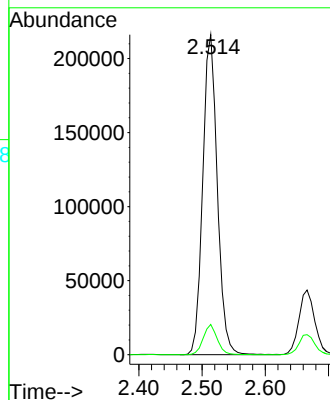
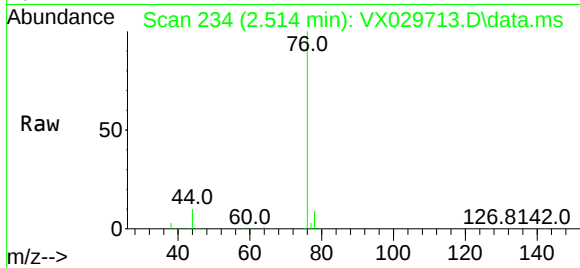
78 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#18

Methyl Acetate

Concen: 49.362 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX029713.D

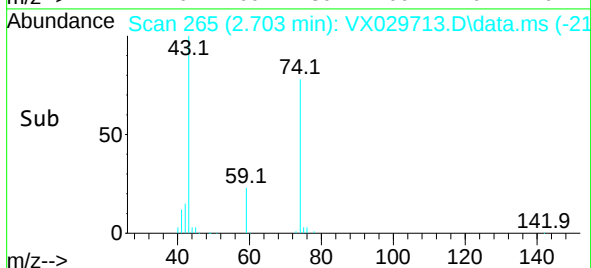
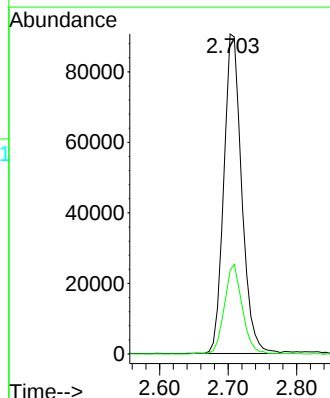
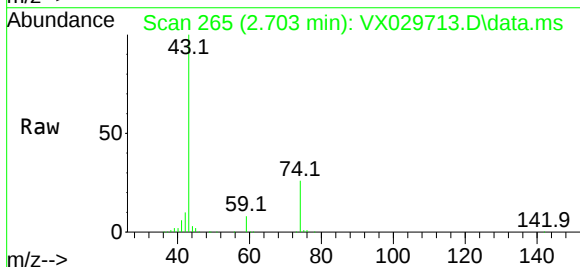
Acq: 23 Jun 2022 01:29

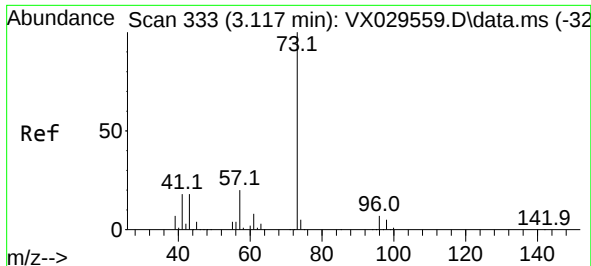
Tgt Ion: 43 Resp: 164093

Ion Ratio Lower Upper

43 100

74 28.2 22.8 34.2





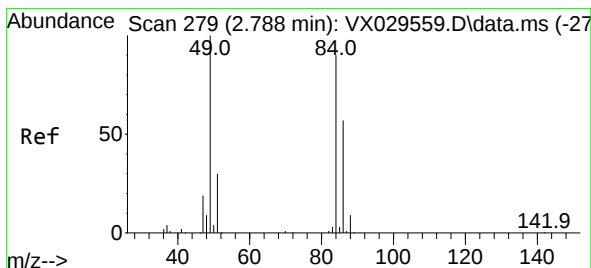
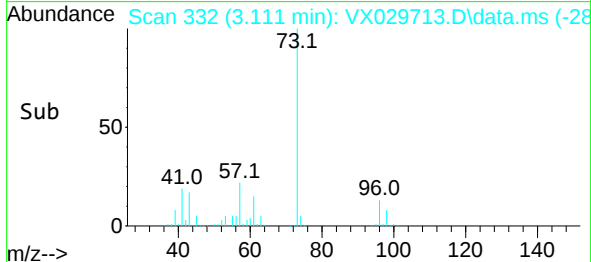
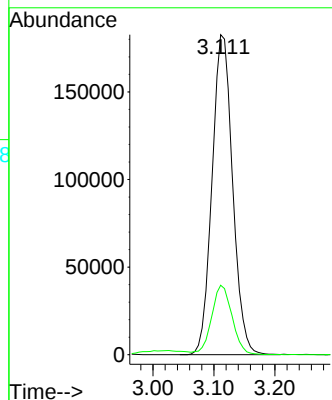
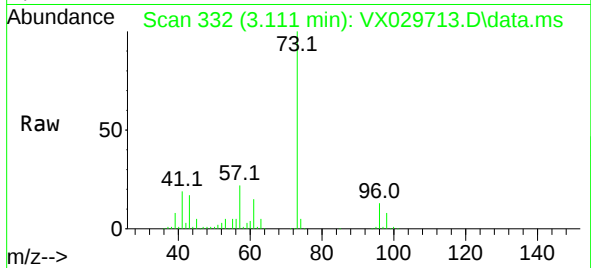
#19
Methyl tert-butyl Ether
Concen: 51.074 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 428072
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

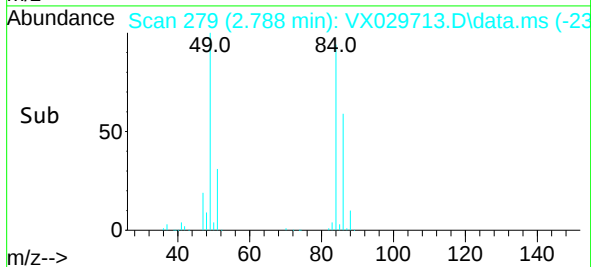
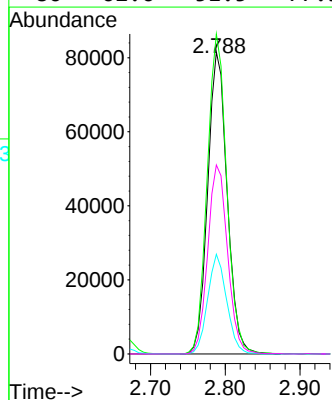
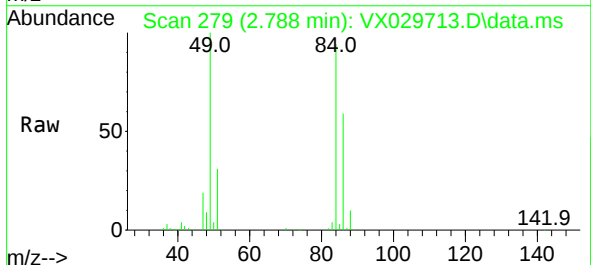
Manual Integrations
APPROVED

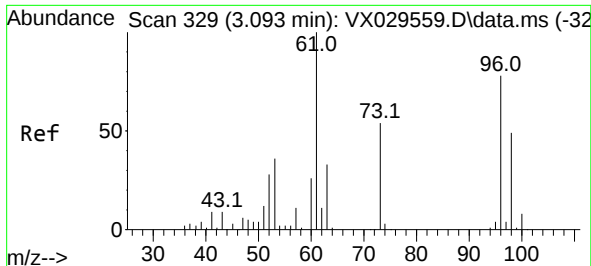
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#20
Methylene Chloride
Concen: 52.631 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

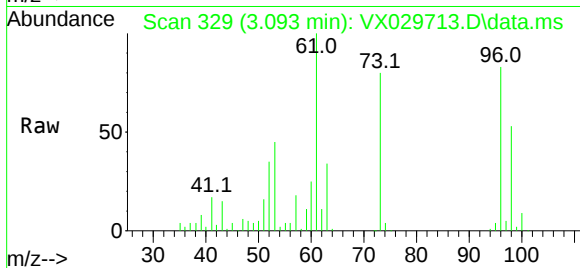
Tgt Ion: 84 Resp: 147385
Ion Ratio Lower Upper
84 100
49 106.0 85.5 128.3
51 33.0 26.6 39.8
86 62.6 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 55.195 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

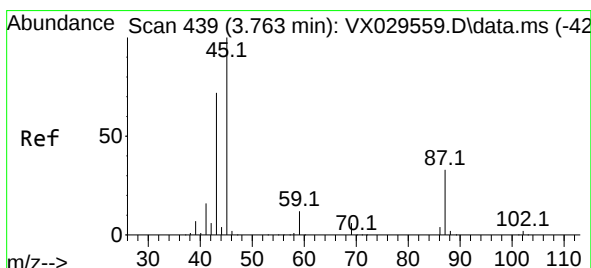
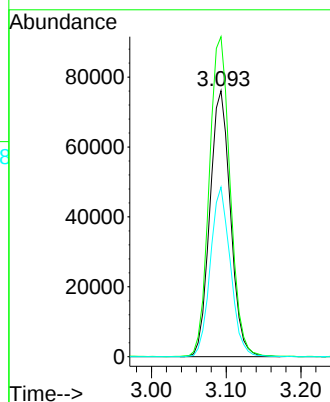
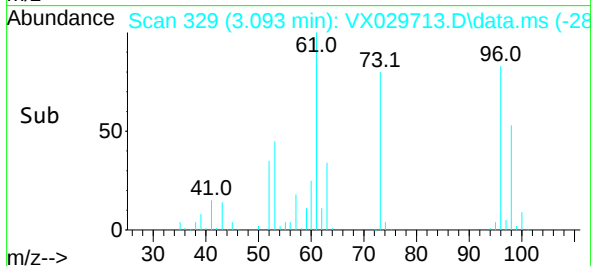
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



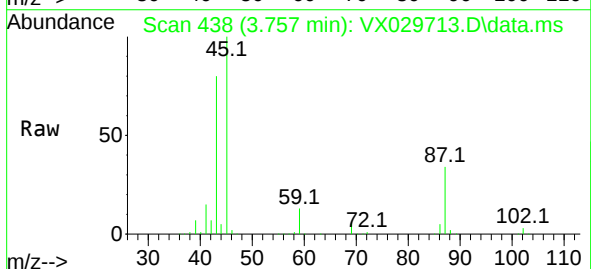
Tgt Ion: 96 Resp: 14564
Ion Ratio Lower Upper
96 100
61 120.2 105.4 158.2
98 63.8 50.0 75.0

Manual Integrations
APPROVED

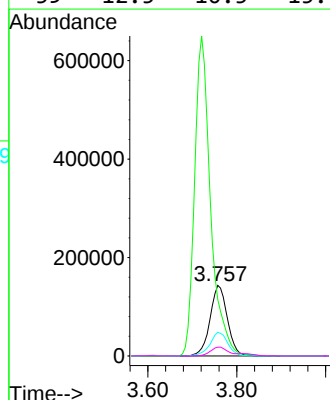
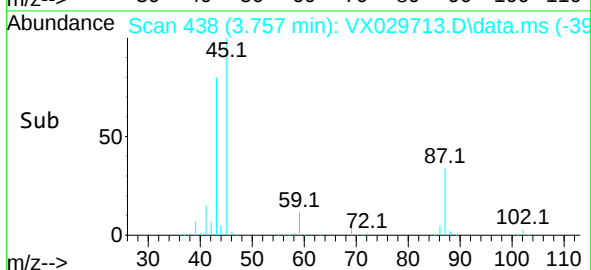
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

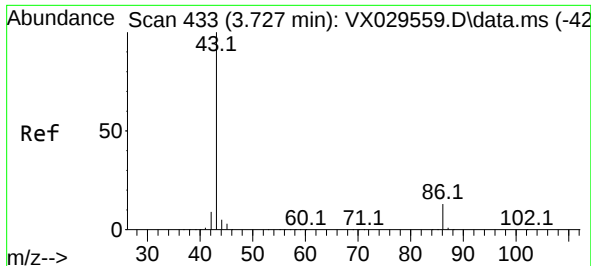


#22
Diisopropyl ether
Concen: 50.161 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



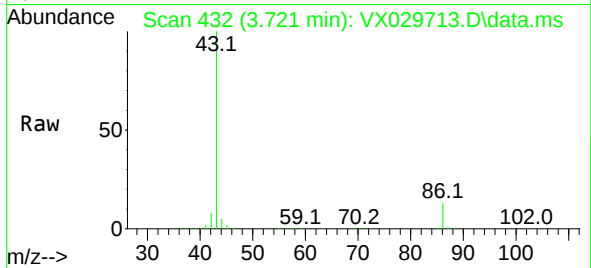
Tgt Ion: 45 Resp: 386789
Ion Ratio Lower Upper
45 100
43 79.6 50.8 76.2#
87 33.6 26.6 39.8
59 12.5 10.5 15.7





#23
 Vinyl Acetate
 Concen: 252.970 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX029713.D
 Acq: 23 Jun 2022 01:29

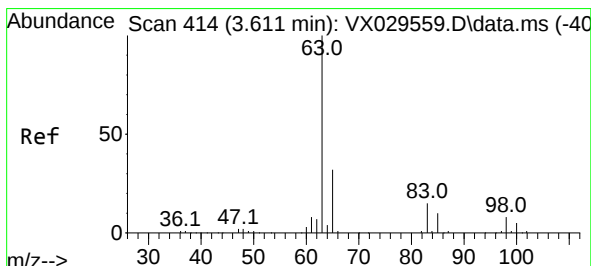
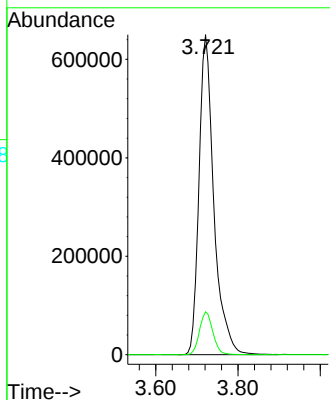
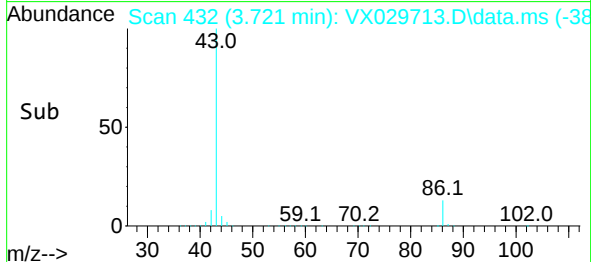
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



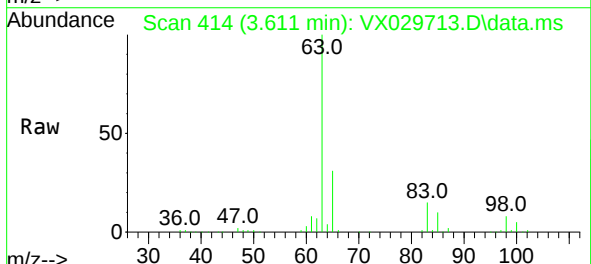
Tgt Ion: 43 Resp: 162845
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.8 16.2

Manual Integrations
 APPROVED

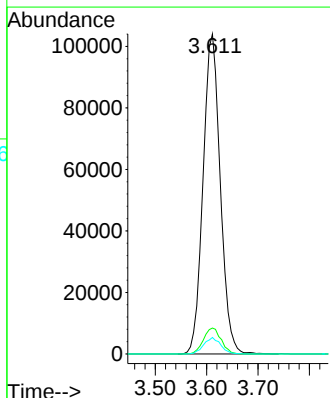
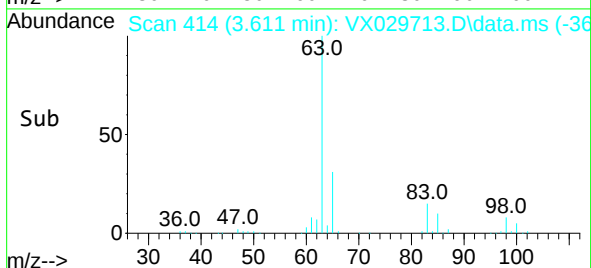
Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

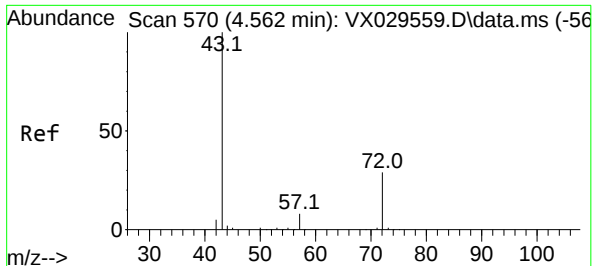


#24
 1,1-Dichloroethane
 Concen: 52.141 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX029713.D
 Acq: 23 Jun 2022 01:29



Tgt Ion: 63 Resp: 241792
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.2 2.4 7.2





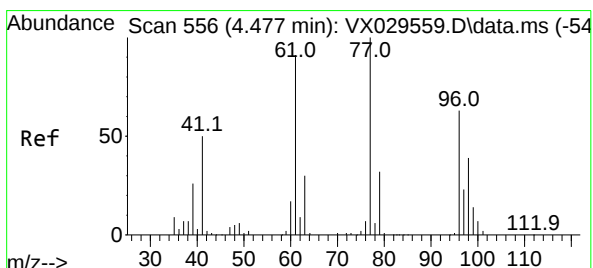
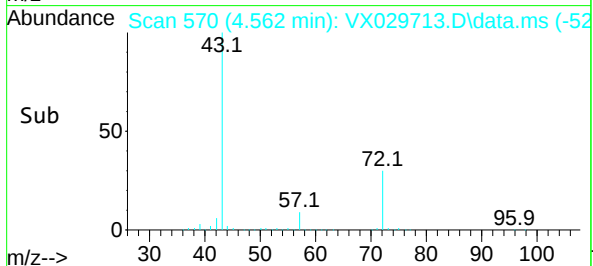
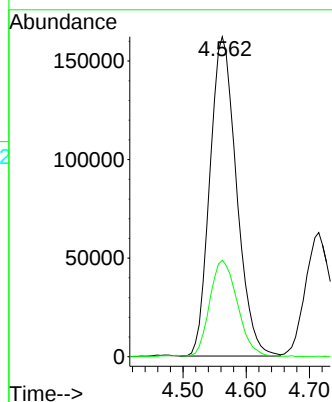
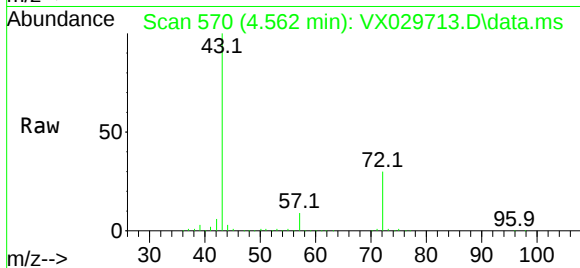
#25
2-Butanone
Concen: 238.467 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47393
Ion Ratio Lower Upper
43 100
72 30.0 24.4 36.6

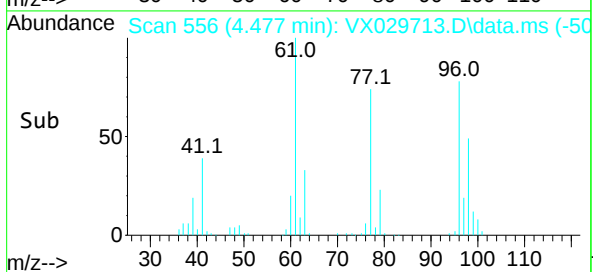
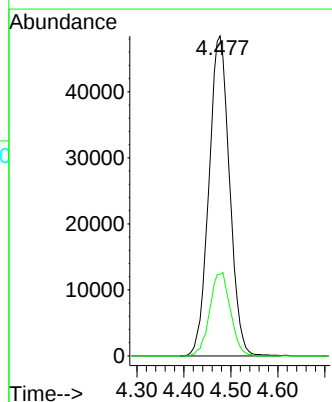
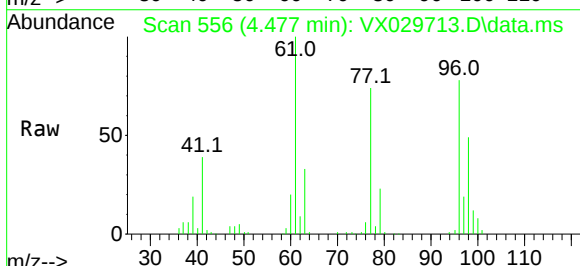
Manual Integrations
APPROVED

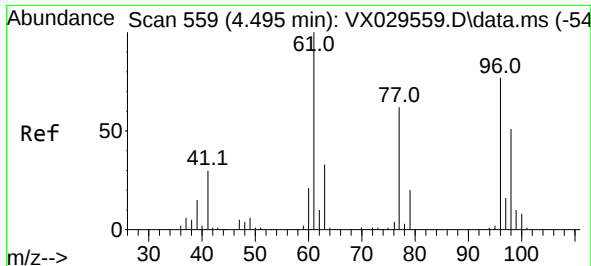
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#26
2,2-Dichloropropane
Concen: 40.867 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion: 77 Resp: 147502
Ion Ratio Lower Upper
77 100
97 26.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.810 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16588

Ion Ratio Lower Upper

96 100

61 125.2 0.0 283.8

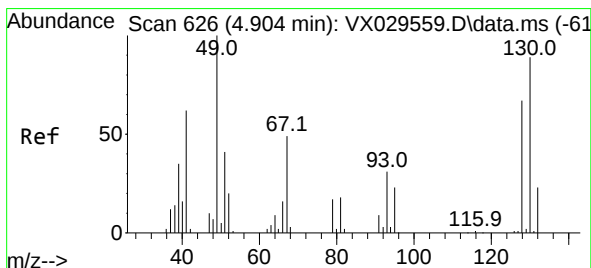
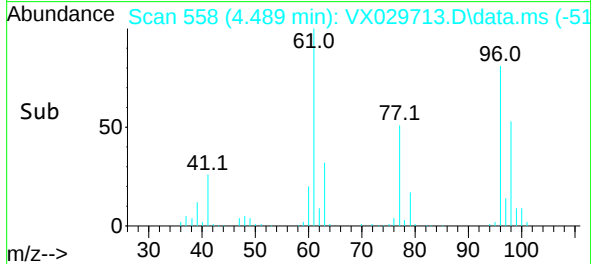
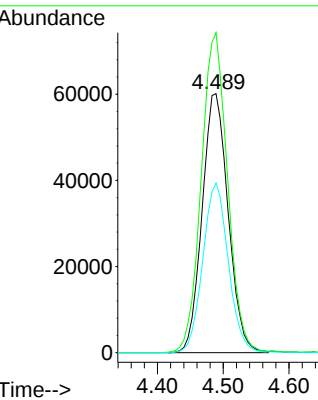
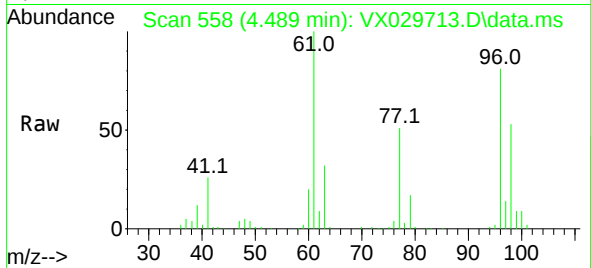
98 64.3 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#28

Bromochloromethane

Concen: 46.867 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

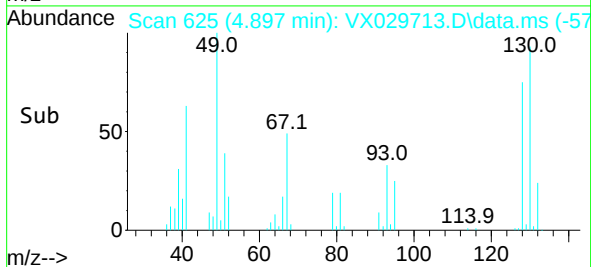
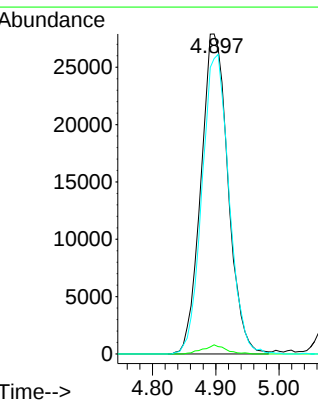
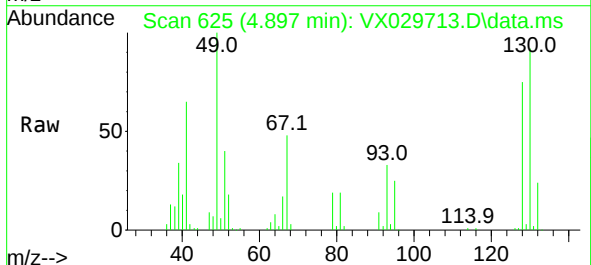
Tgt Ion: 49 Resp: 83036

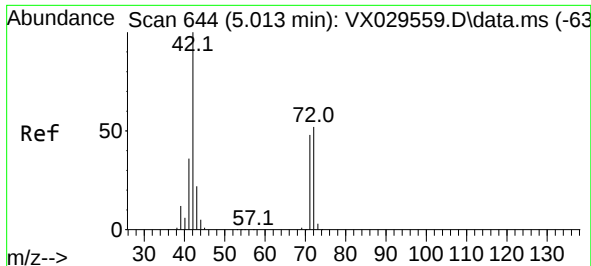
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 93.1 70.7 106.1





#29

Tetrahydrofuran

Concen: 238.091 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

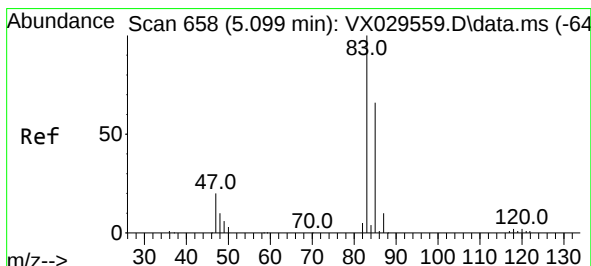
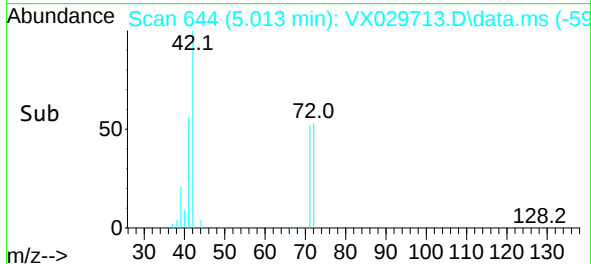
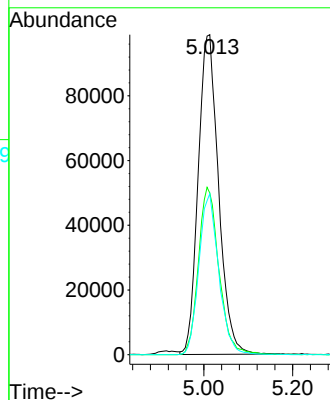
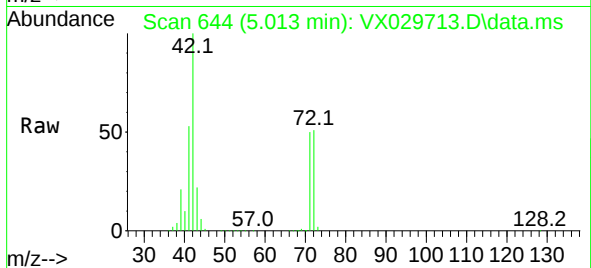
Tgt Ion: 42 Resp: 315350
 Ion Ratio Lower Upper
 42 100
 72 52.7 44.1 66.1
 71 49.0 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#30

Chloroform

Concen: 51.576 ug/l

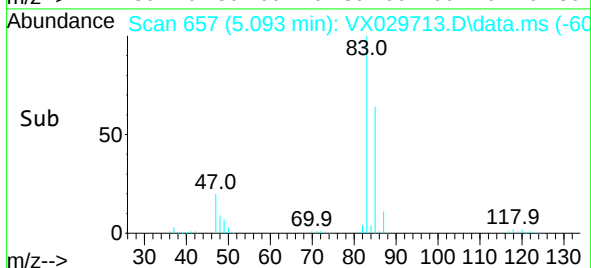
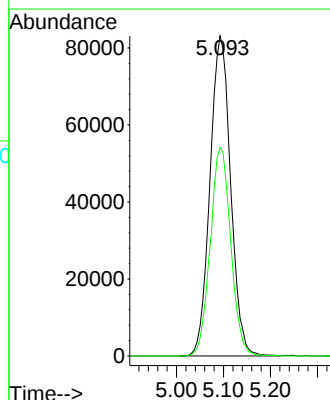
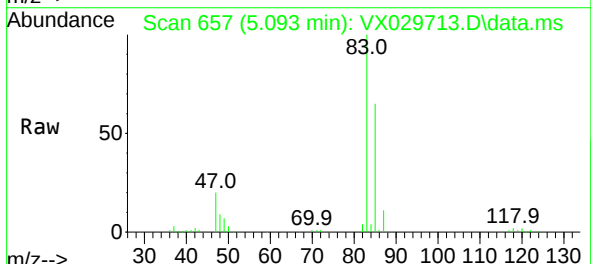
RT: 5.093 min Scan# 657

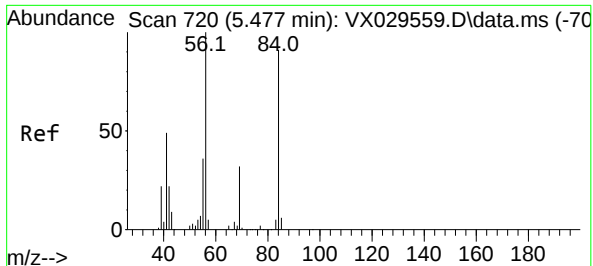
Delta R.T. -0.006 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

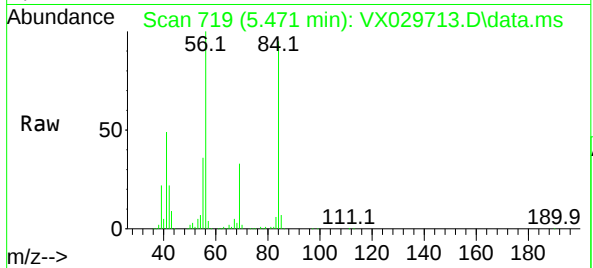
Tgt Ion: 83 Resp: 253109
 Ion Ratio Lower Upper
 83 100
 85 65.1 52.7 79.1





#31
Cyclohexane
Concen: 52.796 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

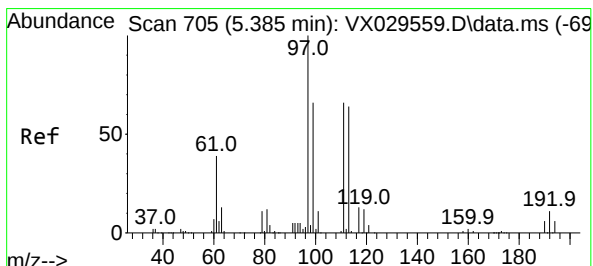
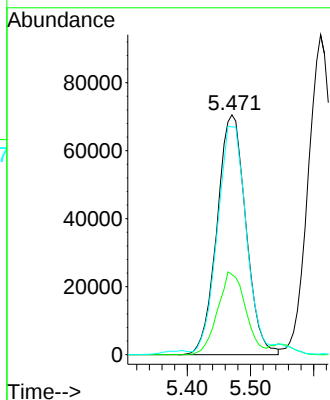
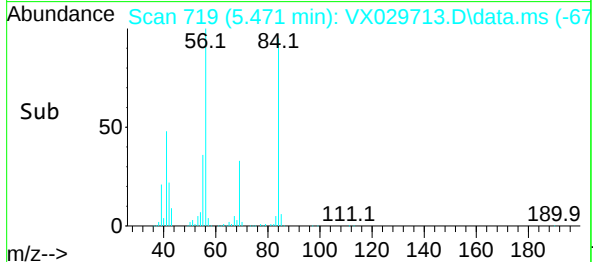
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



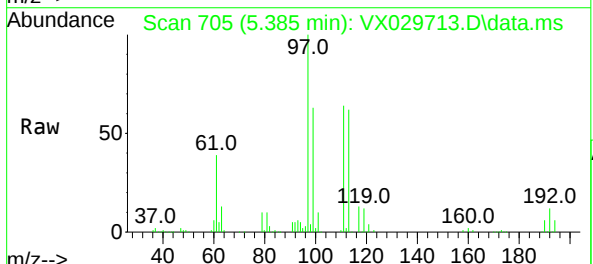
Tgt Ion: 56 Resp: 223589
Ion Ratio Lower Upper
56 100
69 33.5 26.7 40.1
84 93.4 77.2 115.8

Manual Integrations
APPROVED

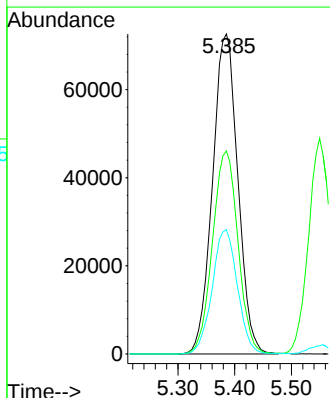
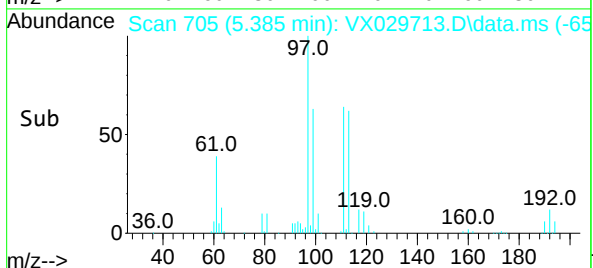
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

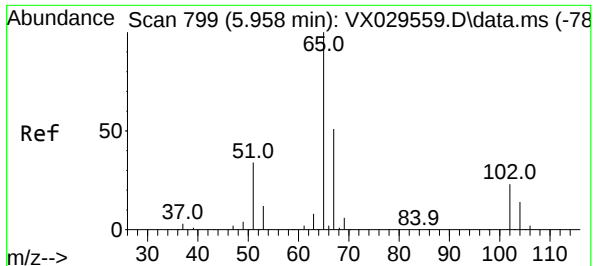


#32
1,1,1-Trichloroethane
Concen: 52.050 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



Tgt Ion: 97 Resp: 225300
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 38.7 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 45.185 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 142534

Ion Ratio Lower Upper

65 100

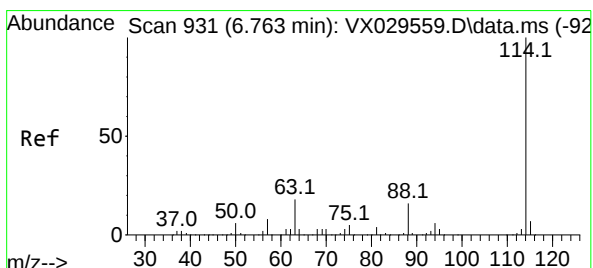
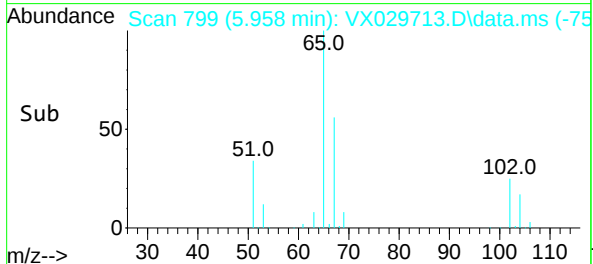
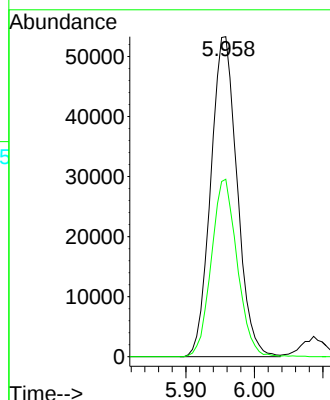
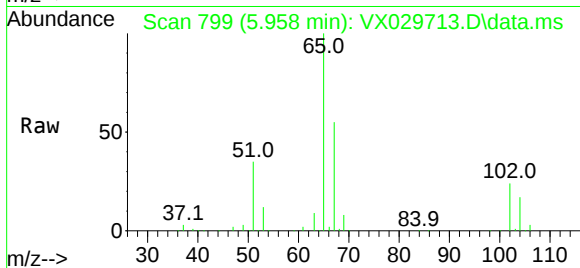
67 54.3 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

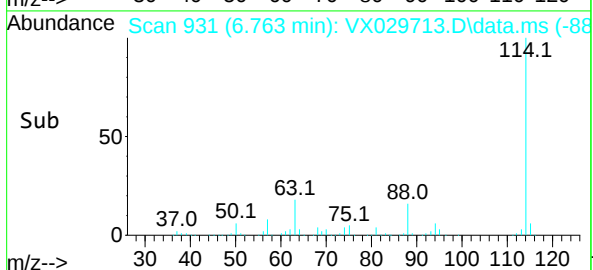
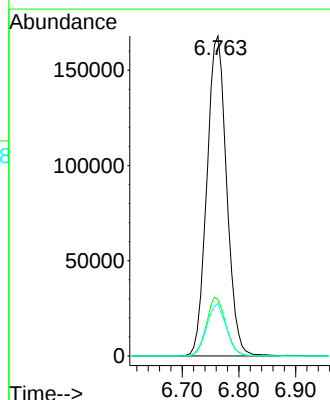
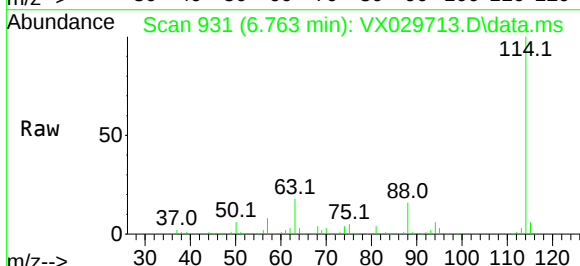
Tgt Ion:114 Resp: 405933

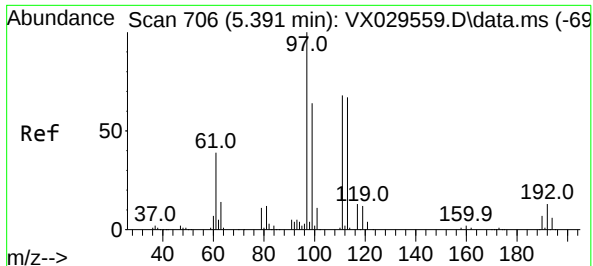
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.493 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 133574

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

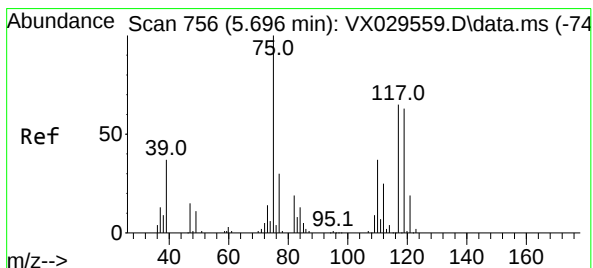
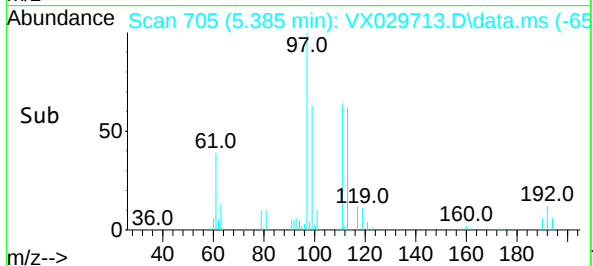
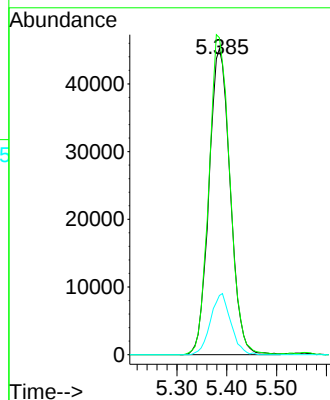
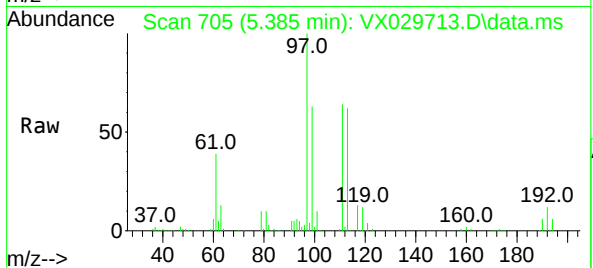
192 19.1 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#36

1,1-Dichloropropene

Concen: 52.985 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

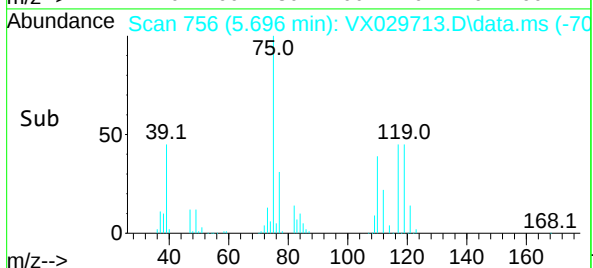
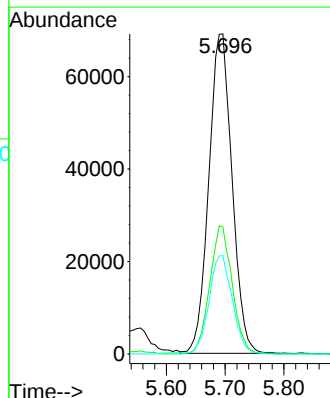
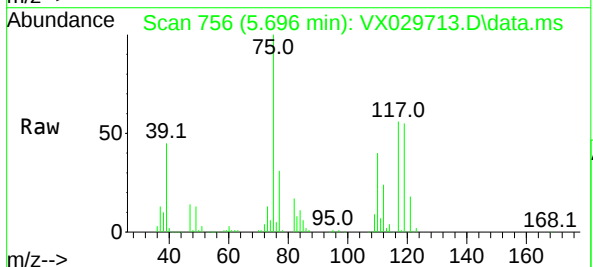
Tgt Ion: 75 Resp: 189708

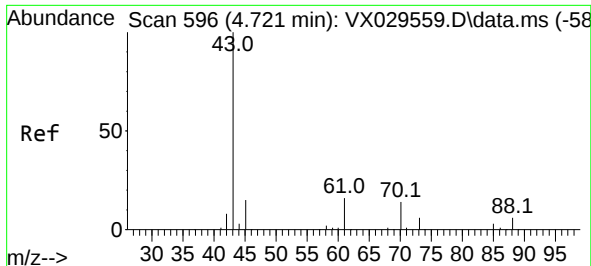
Ion Ratio Lower Upper

75 100

110 38.9 18.3 54.8

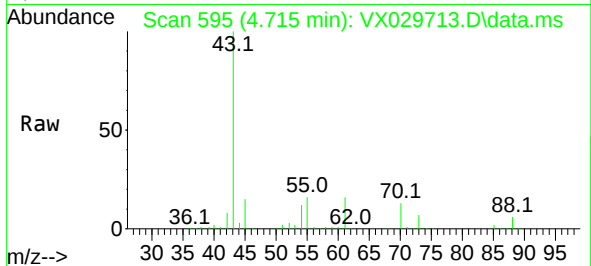
77 31.0 24.8 37.2





#37
Ethyl Acetate
Concen: 49.556 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

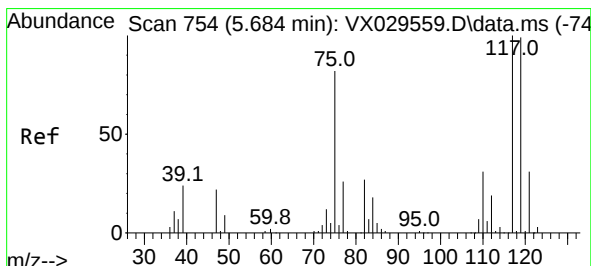
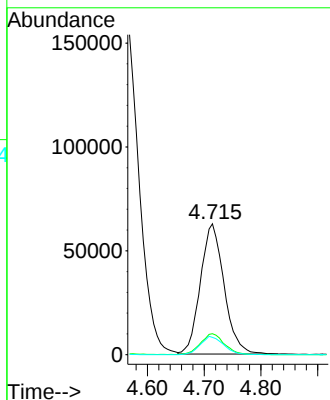
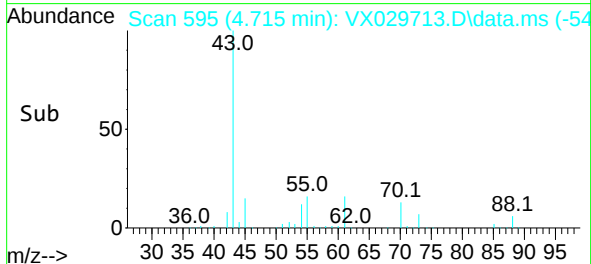
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



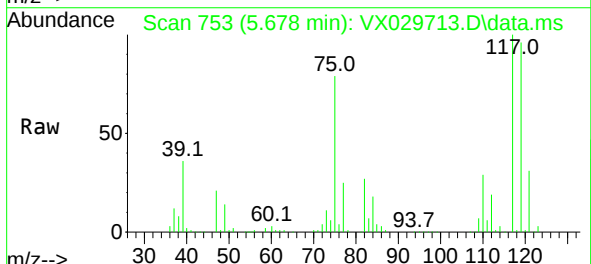
Tgt Ion: 43 Resp: 181872
Ion Ratio Lower Upper
43 100
61 15.7 12.6 19.0
70 13.8 10.2 15.2

Manual Integrations
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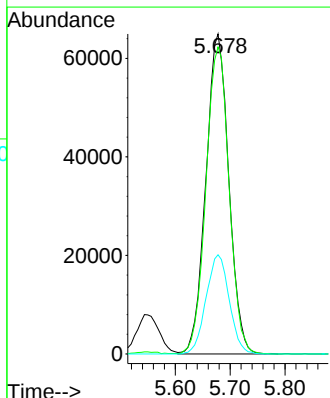
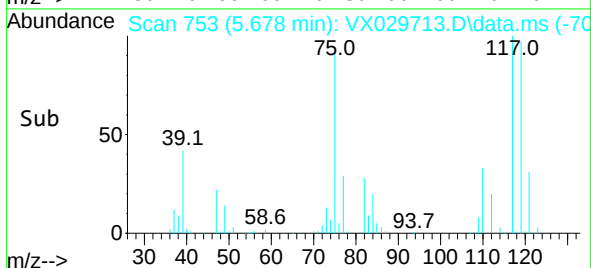
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

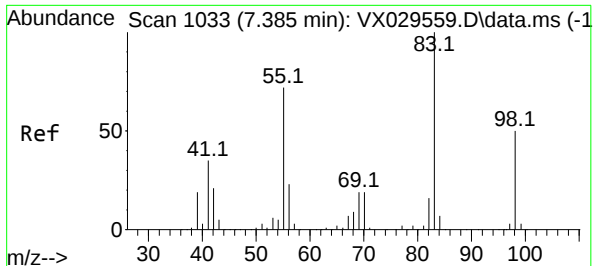


#38
Carbon Tetrachloride
Concen: 53.677 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



Tgt Ion:117 Resp: 188993
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 55.598 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 24818

Ion Ratio Lower Upper

83 100

55 70.2 54.6 81.8

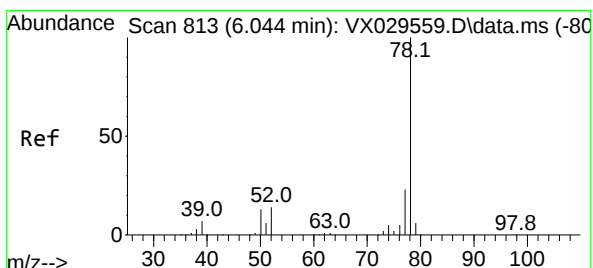
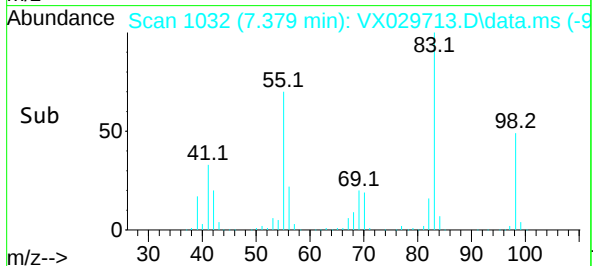
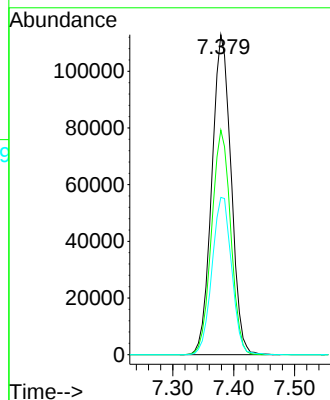
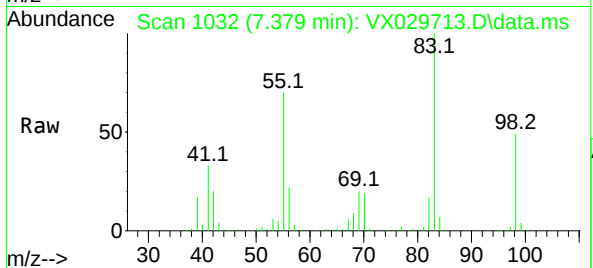
98 49.1 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#40

Benzene

Concen: 54.016 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX029713.D

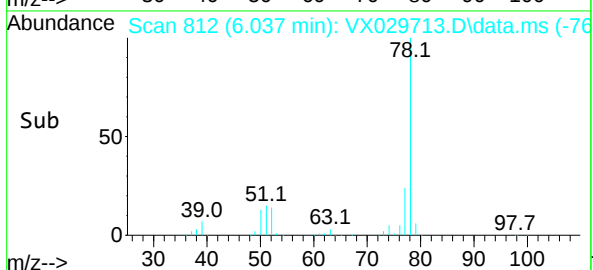
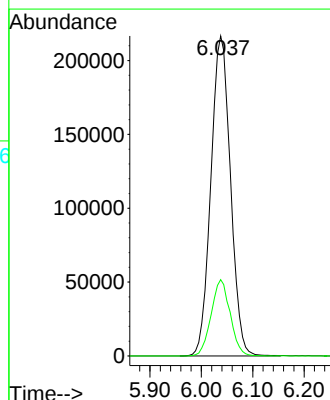
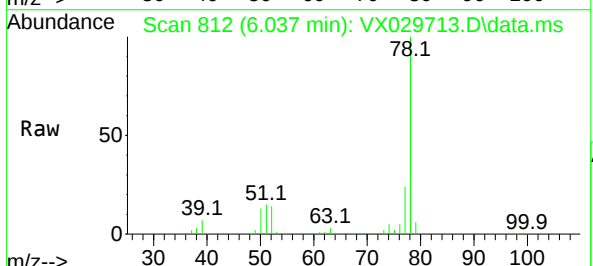
Acq: 23 Jun 2022 01:29

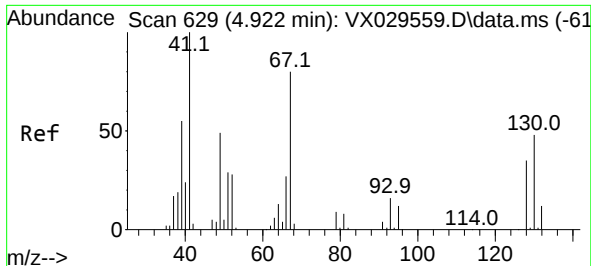
Tgt Ion: 78 Resp: 573275

Ion Ratio Lower Upper

78 100

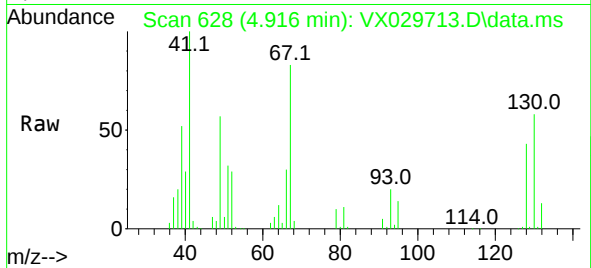
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 52.149 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

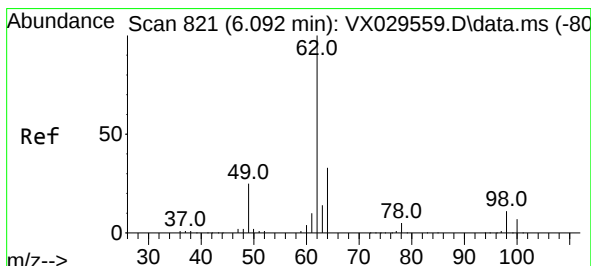
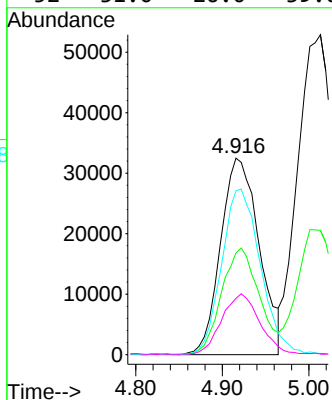
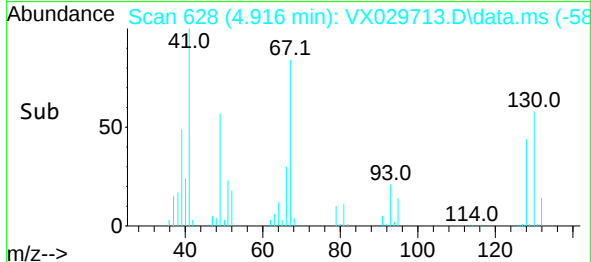
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 100834
Ion Ratio Lower Upper
41 100
39 53.0 43.0 64.4
67 85.1 70.2 105.4
52 31.0 26.0 39.0

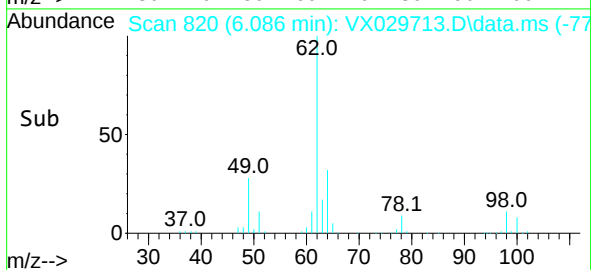
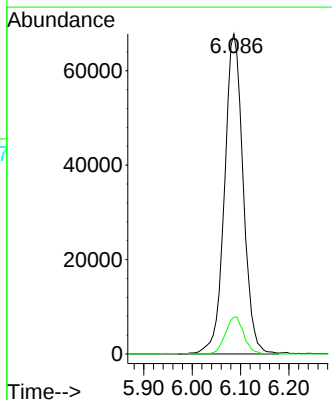
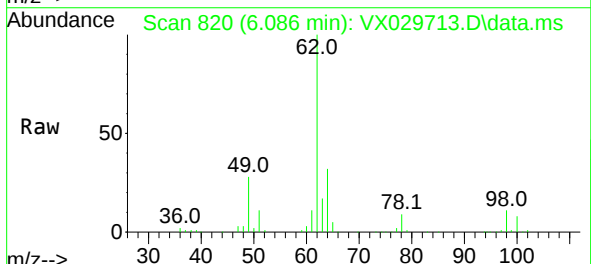
Manual Integrations
APPROVED

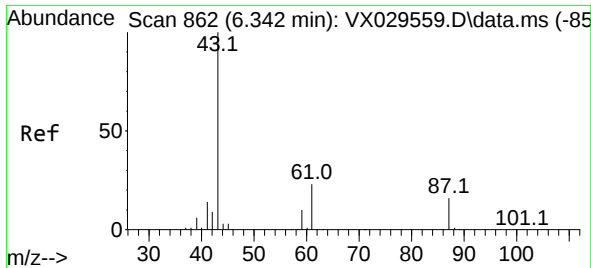
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#42
1,2-Dichloroethane
Concen: 49.750 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

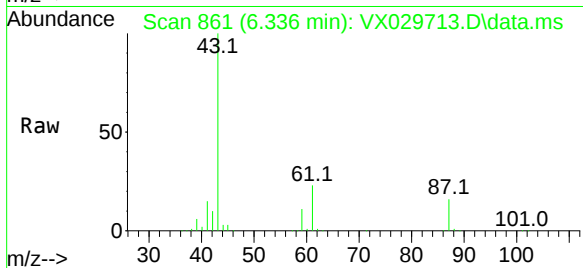
Tgt Ion: 62 Resp: 181508
Ion Ratio Lower Upper
62 100
98 11.4 0.0 20.4





#43
Isopropyl Acetate
Concen: 50.153 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

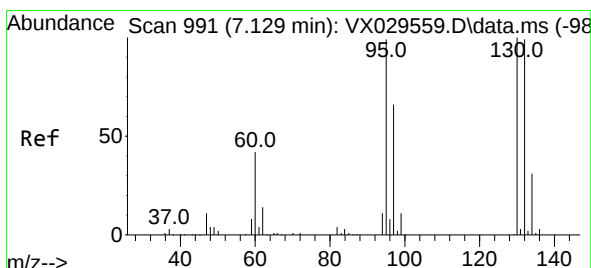
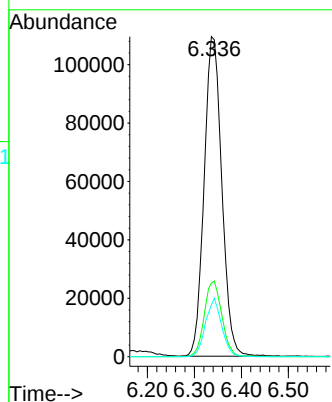
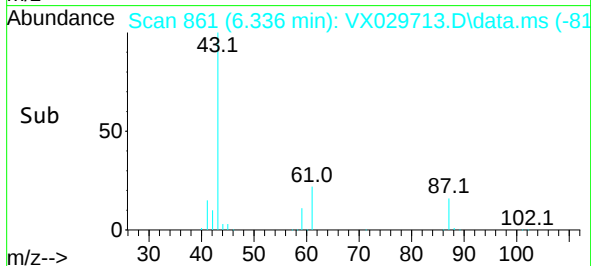
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28621
Ion Ratio Lower Upper
43 100
61 23.4 18.5 27.7
87 16.7 13.0 19.6

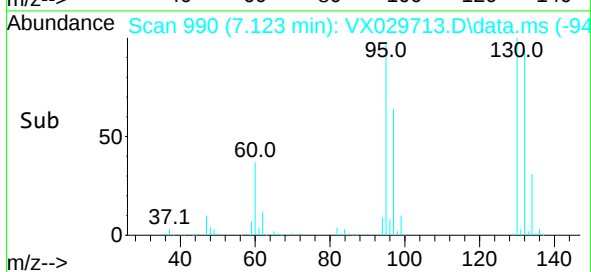
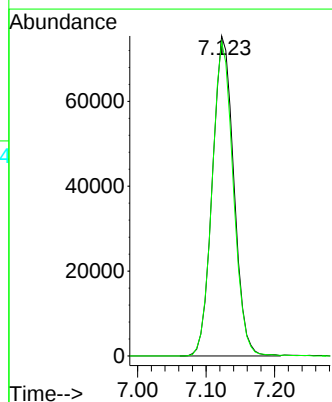
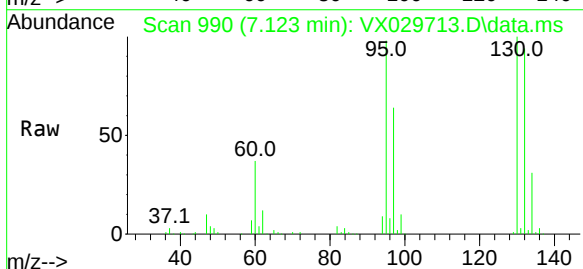
Manual Integrations
APPROVED

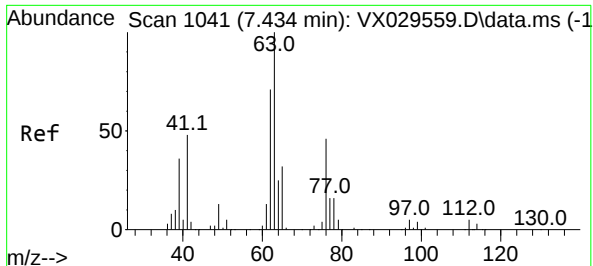
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#44
Trichloroethene
Concen: 54.427 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion:130 Resp: 163387
Ion Ratio Lower Upper
130 100
95 98.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 53.027 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 138024

Ion Ratio Lower Upper

63 100

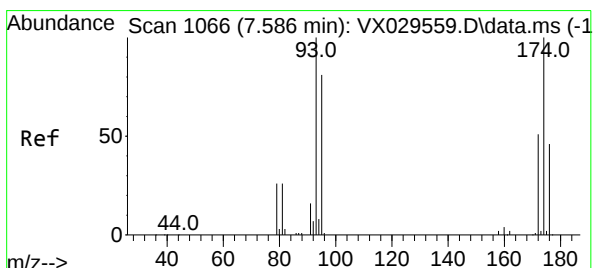
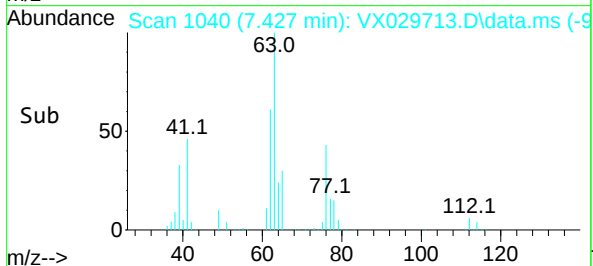
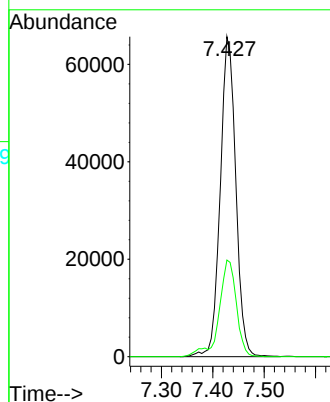
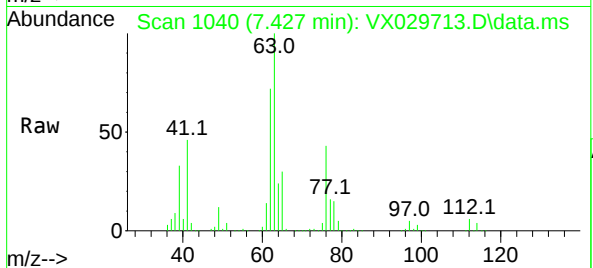
65 30.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#46

Dibromomethane

Concen: 54.671 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

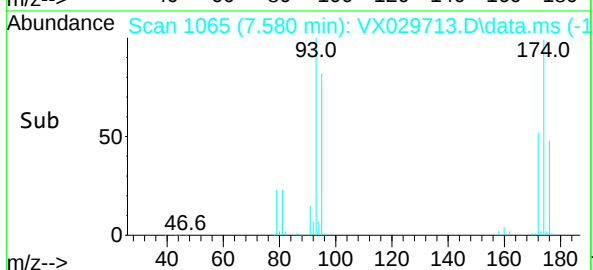
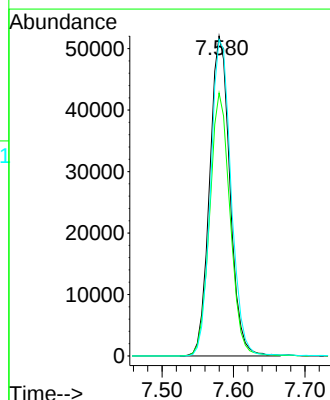
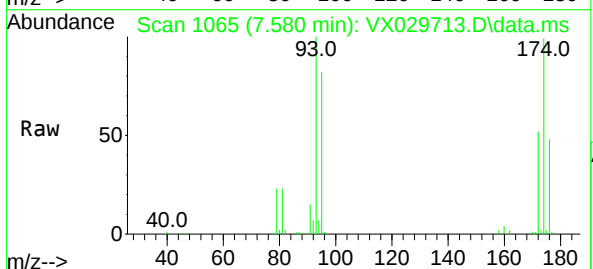
Tgt Ion: 93 Resp: 102279

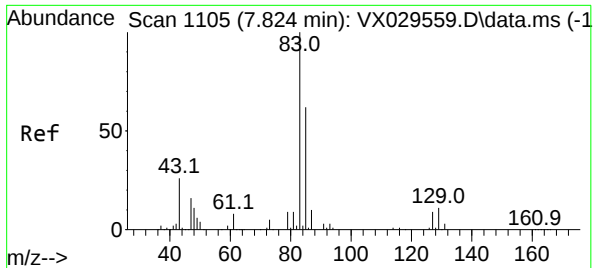
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 100.0 85.4 128.2





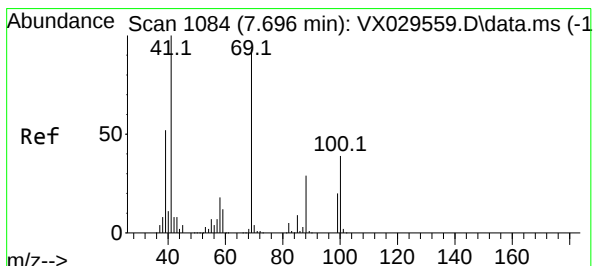
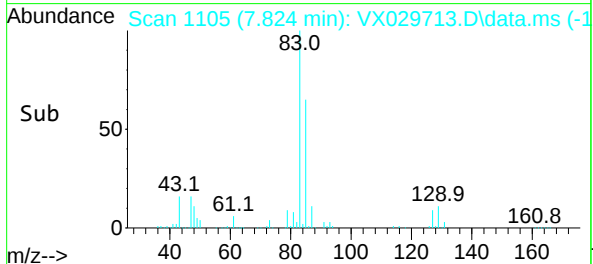
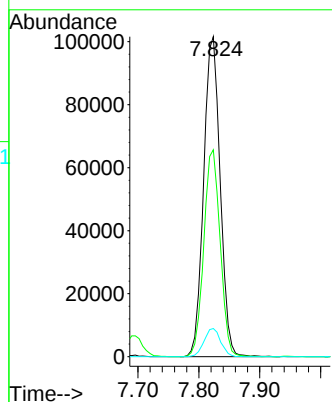
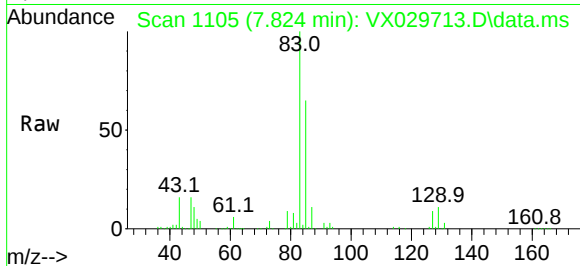
#47
Bromodichloromethane
Concen: 53.154 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19162
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.2
127 8.8 6.8 10.2

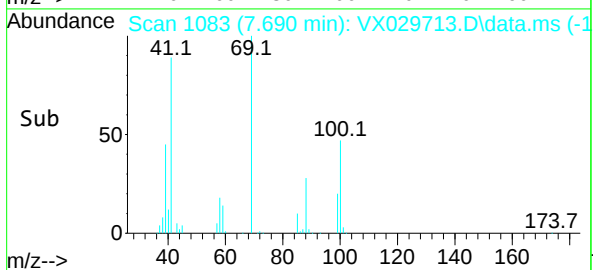
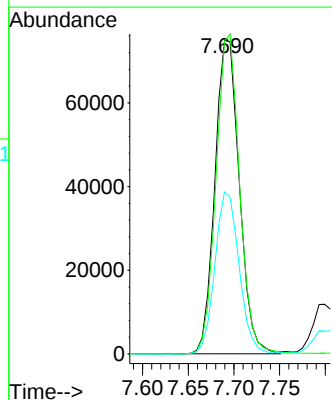
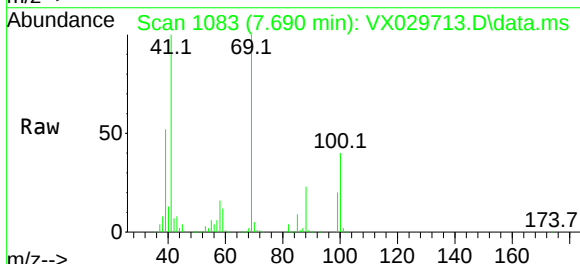
Manual Integrations
APPROVED

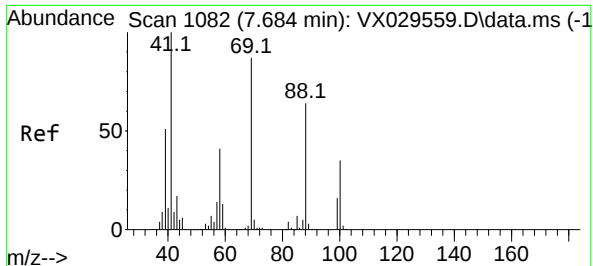
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#48
Methyl methacrylate
Concen: 49.747 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion: 41 Resp: 139197
Ion Ratio Lower Upper
41 100
69 98.8 82.5 123.7
39 51.5 43.8 65.8





#49

1,4-Dioxane

Concen: 918.528 ug/l

RT: 7.702 min Scan# 1082

Delta R.T. 0.018 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 6626

Ion Ratio Lower Upper

88 100

43 27.1 21.9 32.9

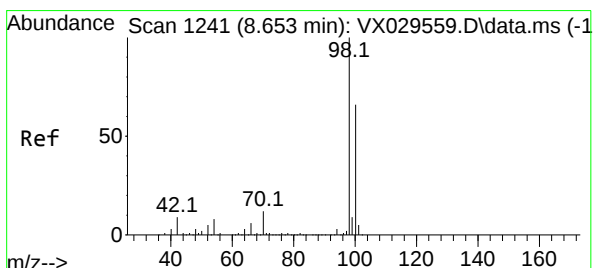
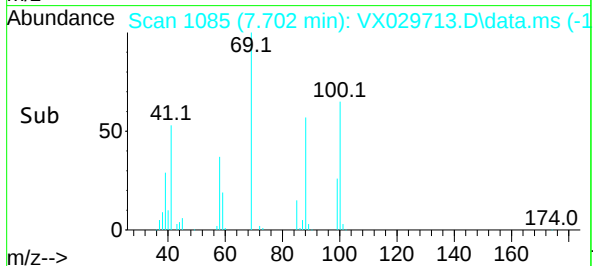
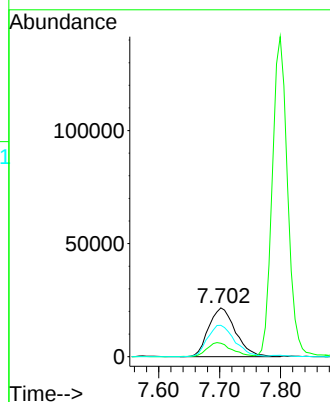
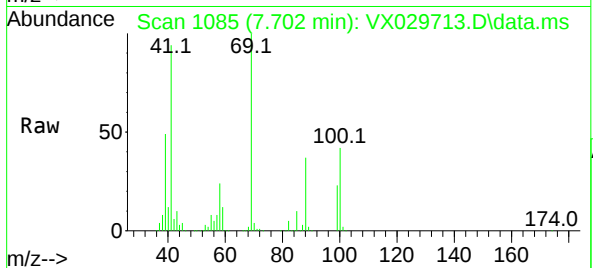
58 64.7 53.7 80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#50

Toluene-d8

Concen: 50.985 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX029713.D

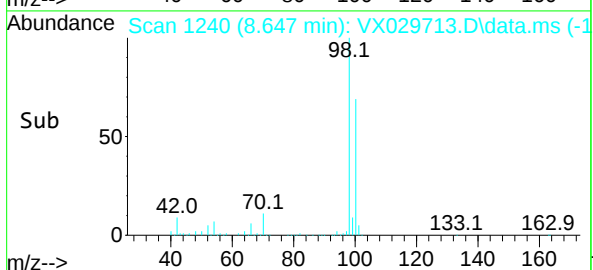
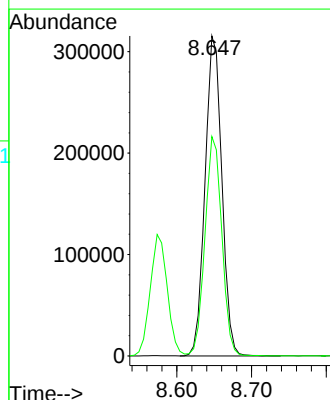
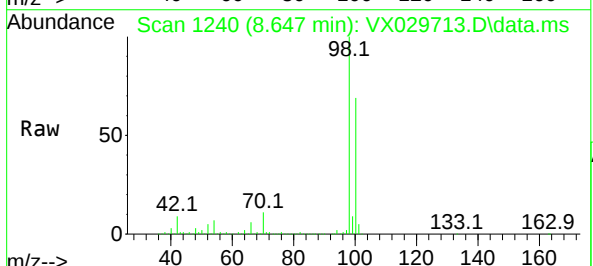
Acq: 23 Jun 2022 01:29

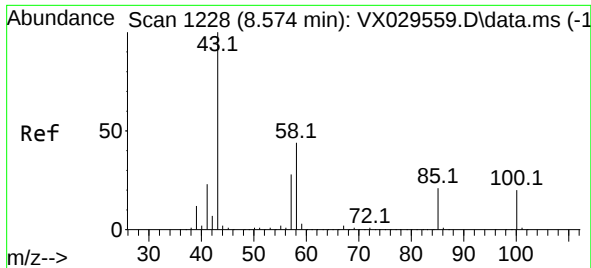
Tgt Ion: 98 Resp: 492730

Ion Ratio Lower Upper

98 100

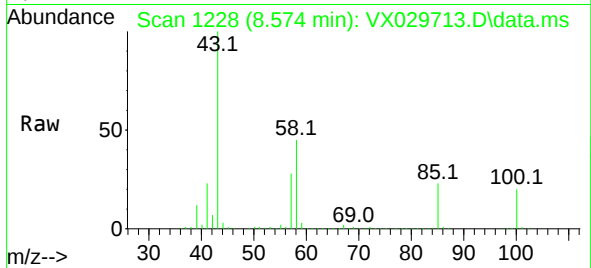
100 68.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 247.497 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

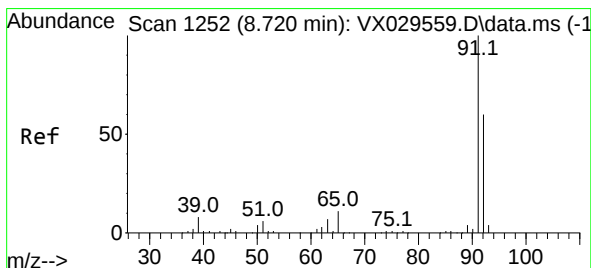
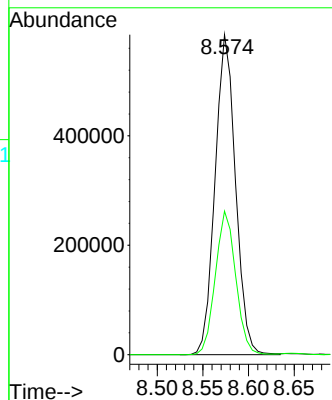
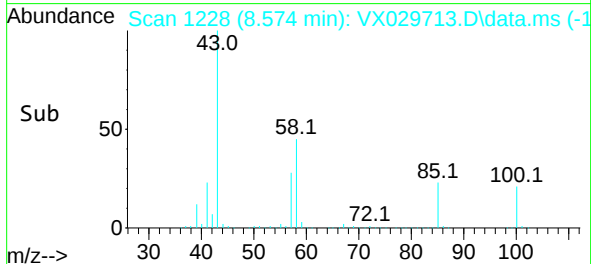
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



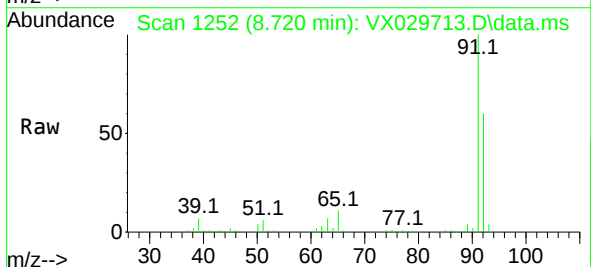
Tgt Ion: 43 Resp: 91038
Ion Ratio Lower Upper
43 100
58 44.7 36.1 54.1

Manual Integrations
APPROVED

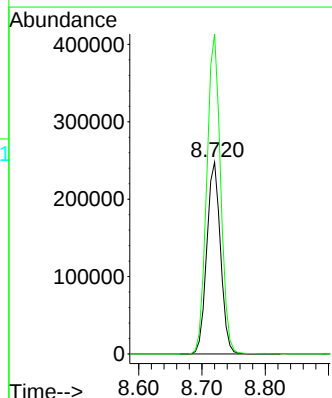
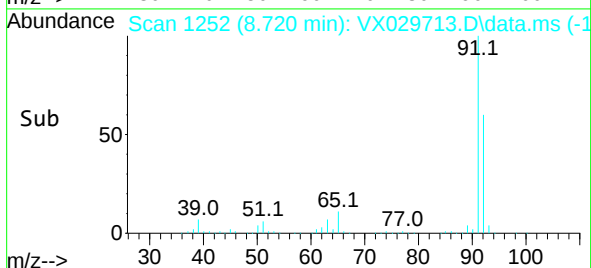
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

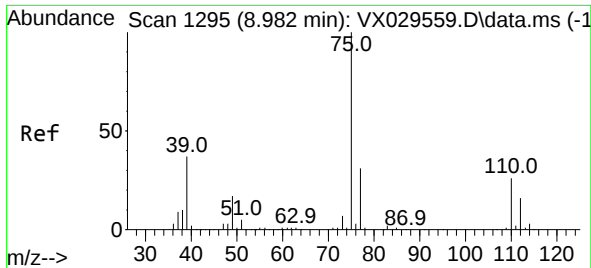


#52
Toluene
Concen: 55.052 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



Tgt Ion: 92 Resp: 374136
Ion Ratio Lower Upper
92 100
91 168.1 137.5 206.3





#53
t-1,3-Dichloropropene
Concen: 53.488 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

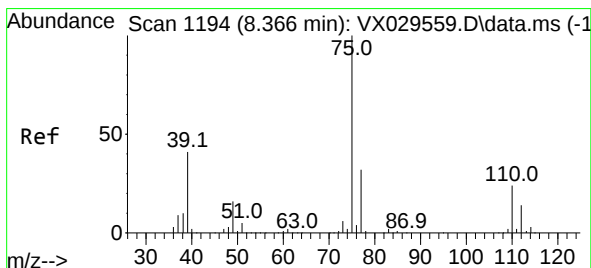
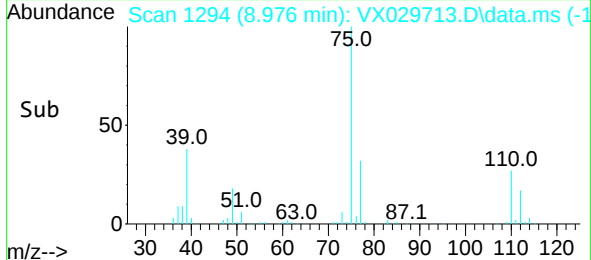
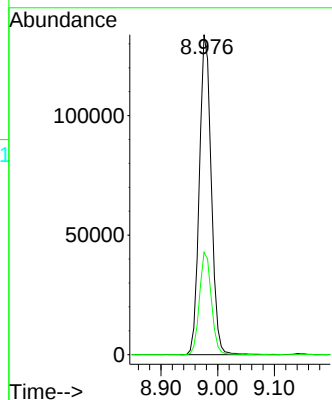
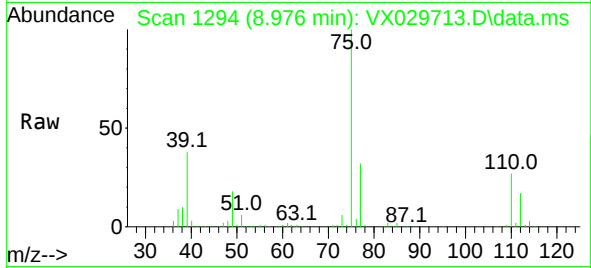
VSTDCCC050

Tgt Ion: 75 Resp: 194854
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

Manual Integrations

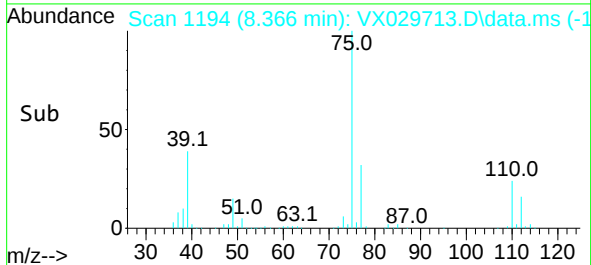
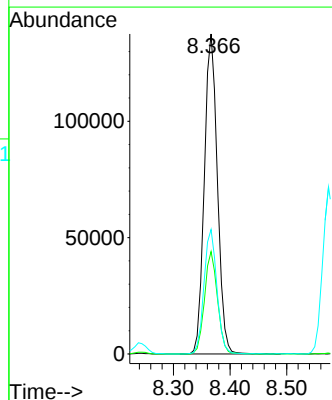
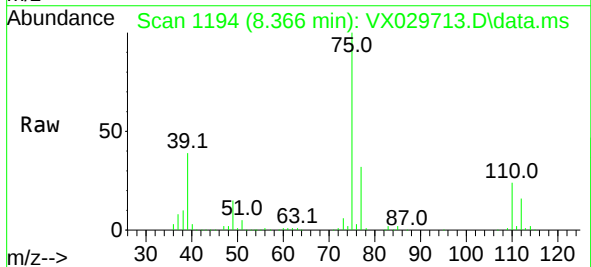
APPROVED

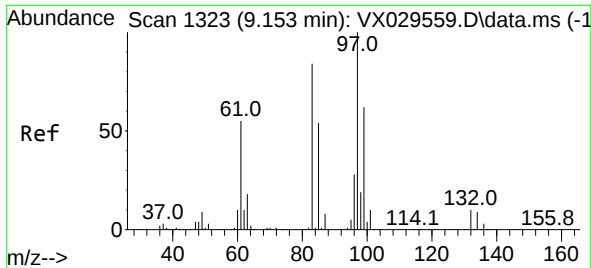
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#54
cis-1,3-Dichloropropene
Concen: 54.050 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion: 75 Resp: 220485
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 38.9 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 53.645 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 14740

Ion Ratio Lower Upper

97 100

83 81.3 66.2 99.4

85 54.0 42.9 64.3

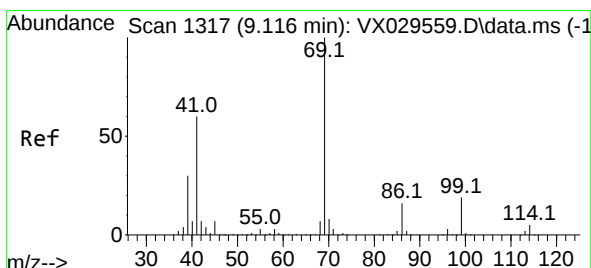
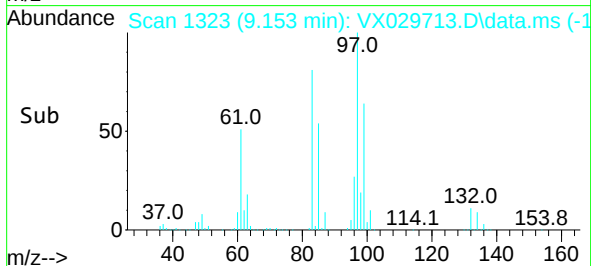
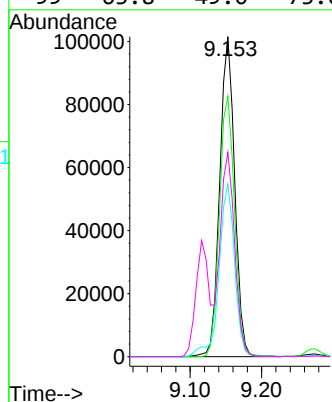
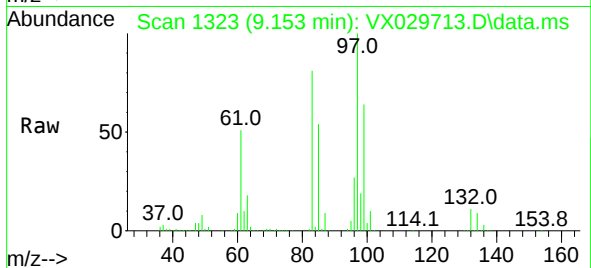
99 63.8 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#56

Ethyl methacrylate

Concen: 54.352 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

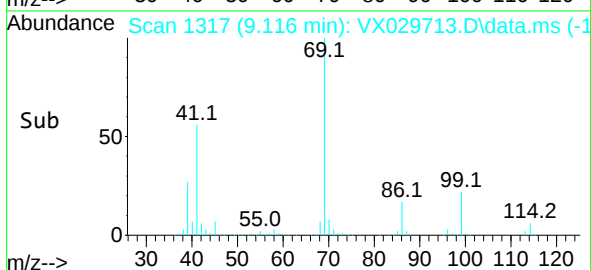
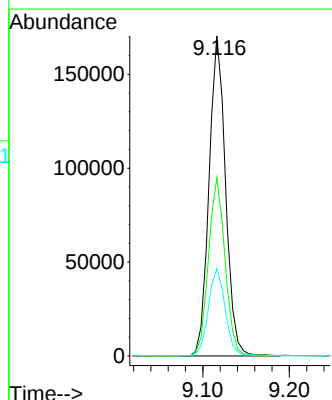
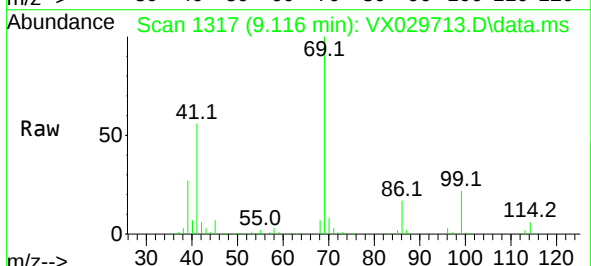
Tgt Ion: 69 Resp: 225624

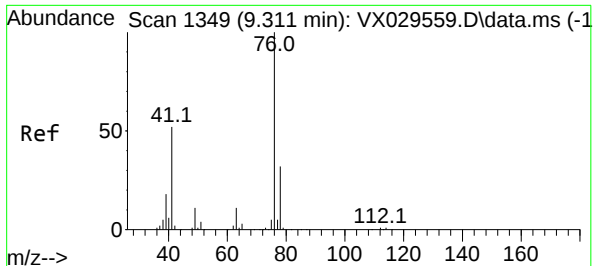
Ion Ratio Lower Upper

69 100

41 56.2 43.8 65.6

39 27.9 22.2 33.2





#57

1,3-Dichloropropane

Concen: 52.417 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23988

Ion Ratio Lower Upper

76 100

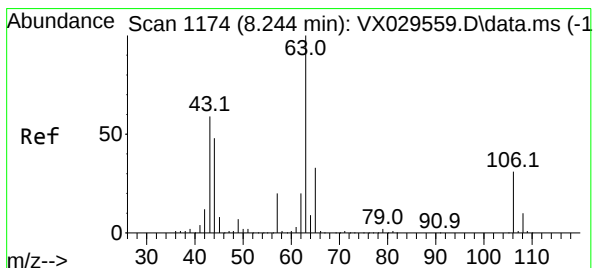
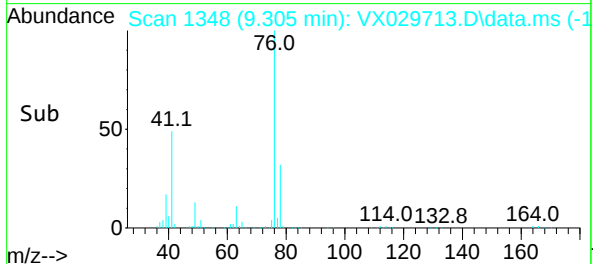
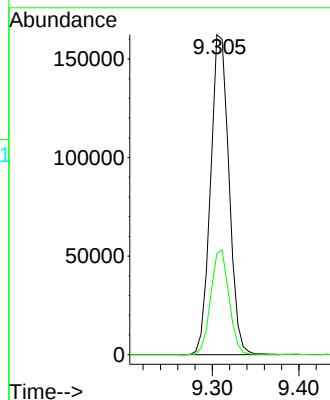
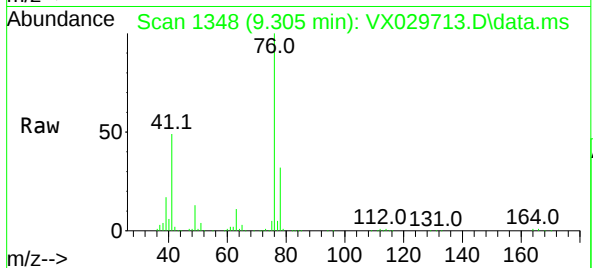
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 239.002 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX029713.D

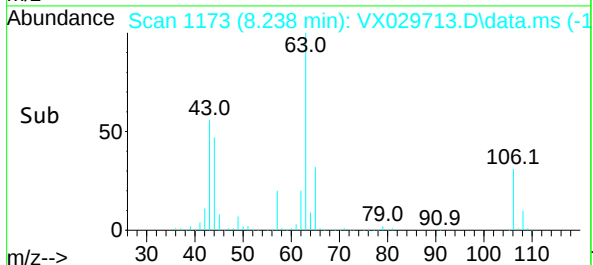
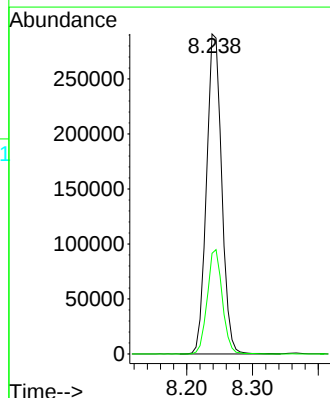
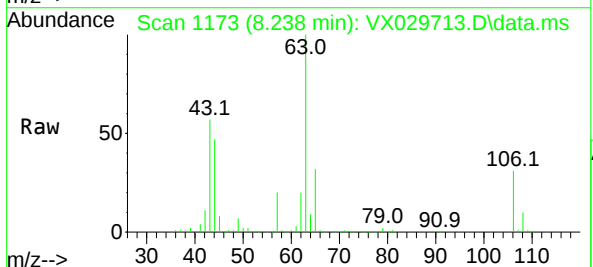
Acq: 23 Jun 2022 01:29

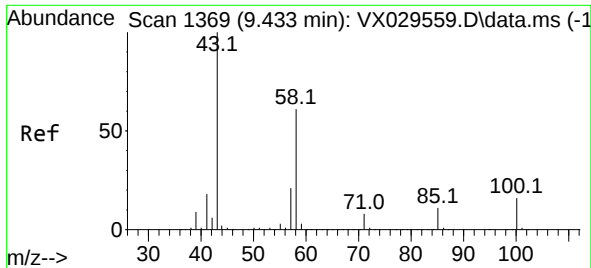
Tgt Ion: 63 Resp: 466162

Ion Ratio Lower Upper

63 100

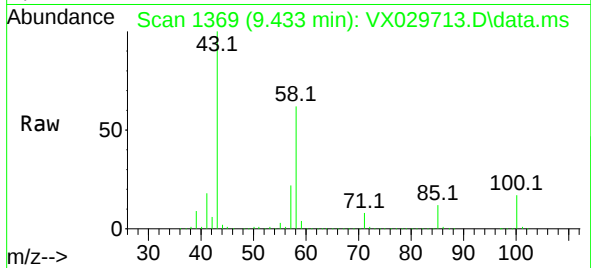
106 32.3 23.9 35.9





#59
2-Hexanone
Concen: 248.193 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

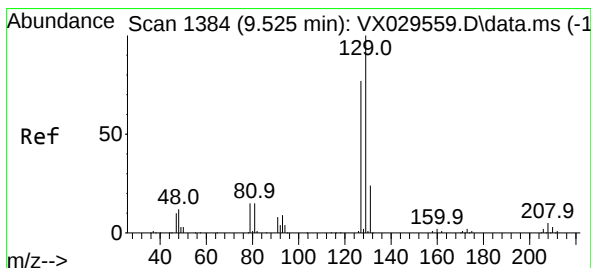
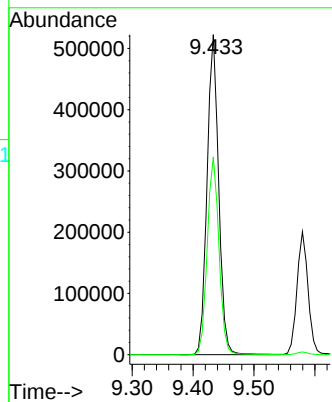
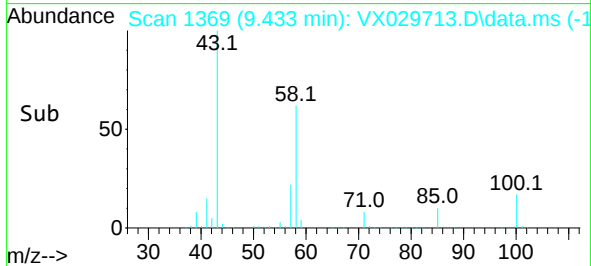
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 691319
Ion Ratio Lower Upper
43 100
58 62.6 31.9 95.7

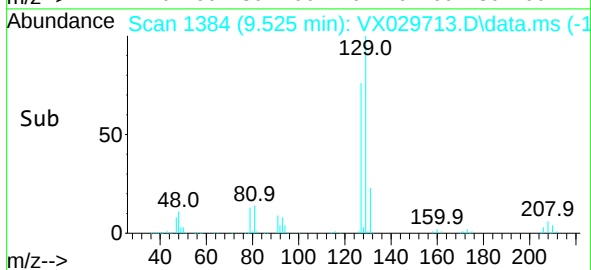
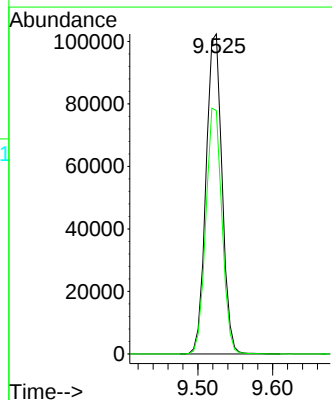
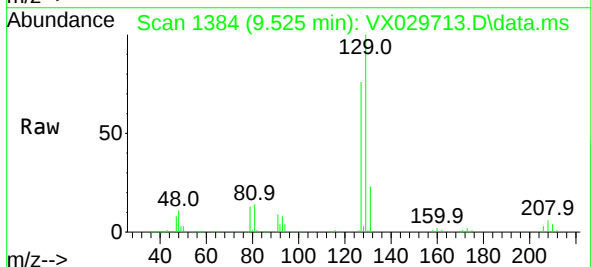
Manual Integrations
APPROVED

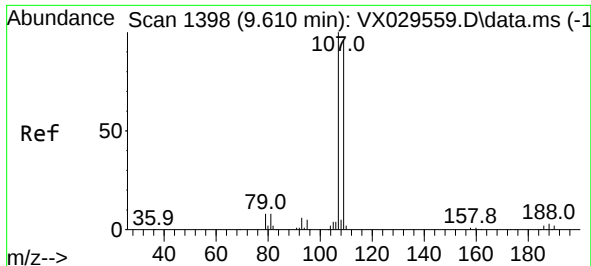
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#60
Dibromochloromethane
Concen: 57.119 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

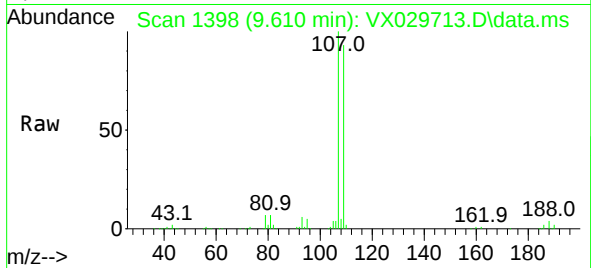
Tgt Ion:129 Resp: 152384
Ion Ratio Lower Upper
129 100
127 77.1 40.3 120.8





#61
1,2-Dibromoethane
Concen: 55.178 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

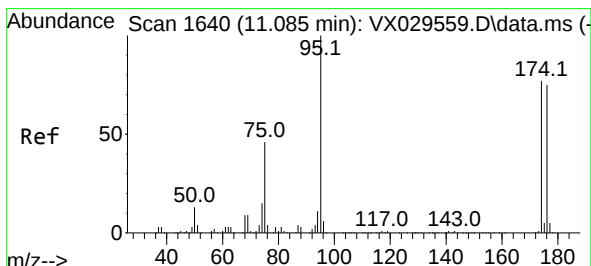
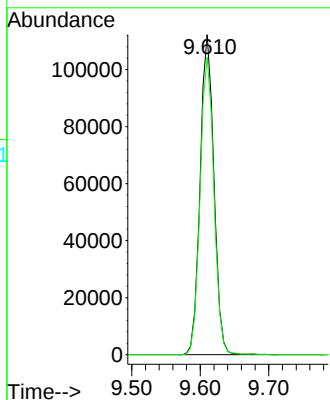
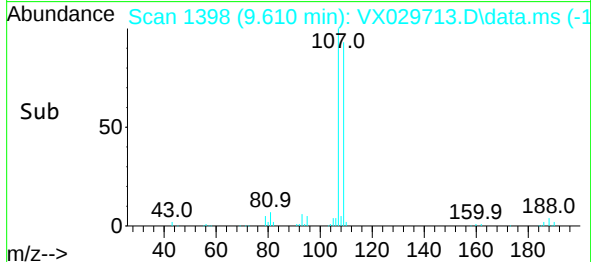
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



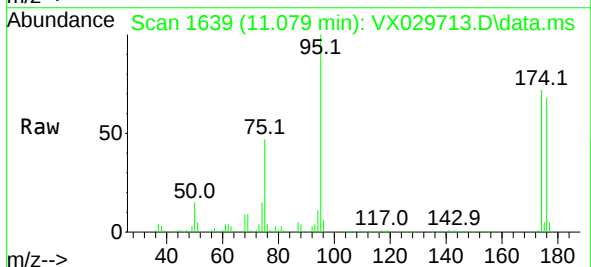
Tgt Ion:107 Resp: 157193
Ion Ratio Lower Upper
107 100
109 93.3 74.4 111.6

Manual Integrations
APPROVED

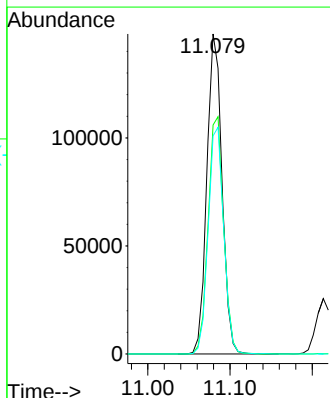
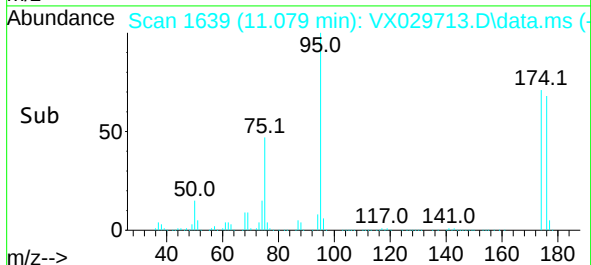
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

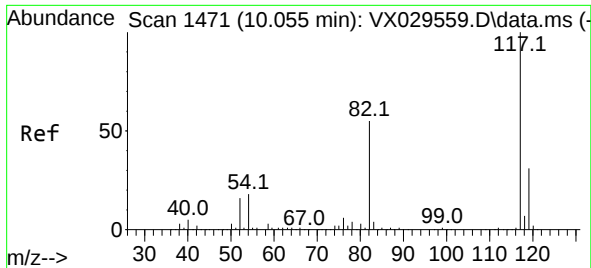


#62
4-Bromofluorobenzene
Concen: 51.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



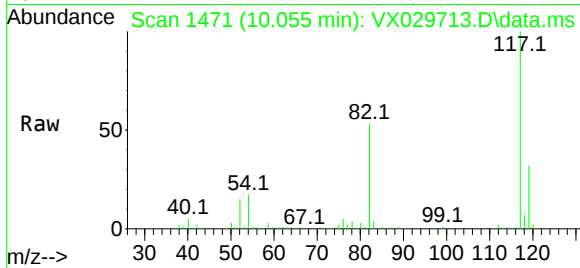
Tgt Ion: 95 Resp: 189057
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 72.7 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

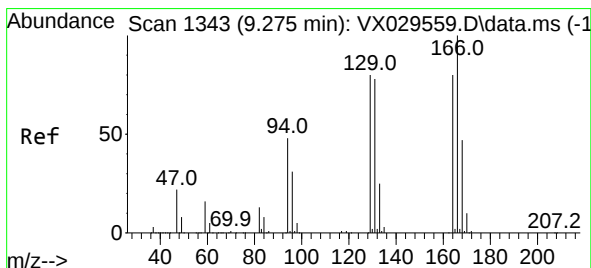
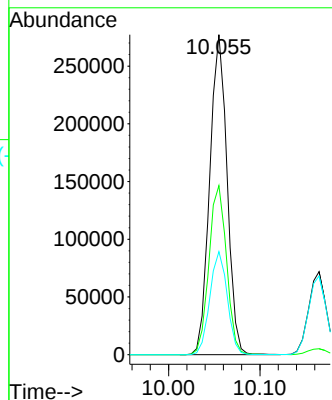
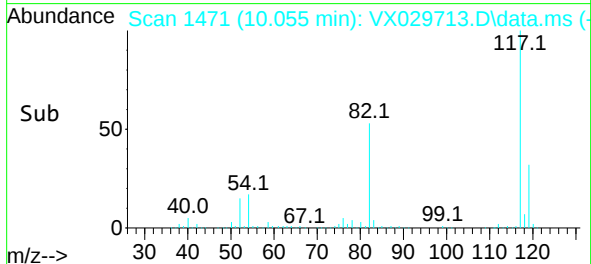
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 364729
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.2 24.8 37.2

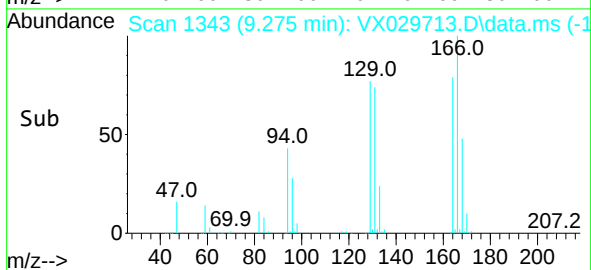
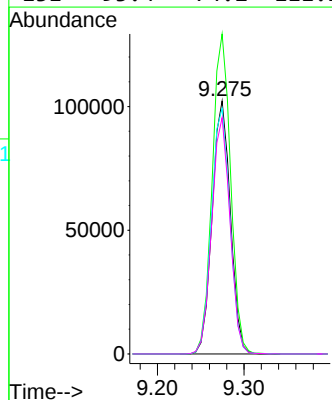
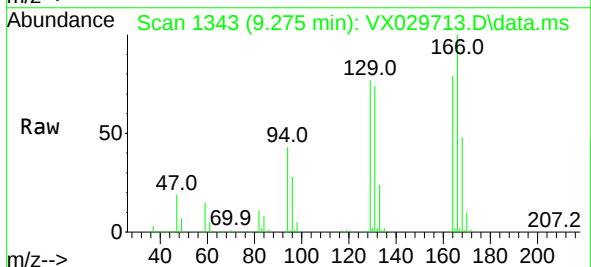
Manual Integrations
APPROVED

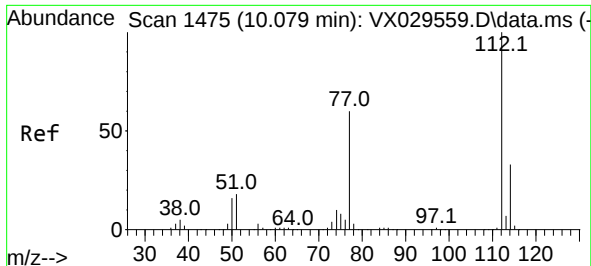
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#64
Tetrachloroethene
Concen: 56.580 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

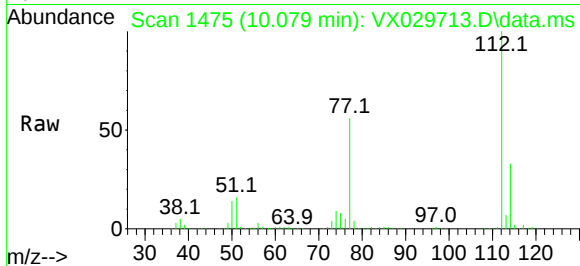
Tgt Ion:164 Resp: 149240
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 97.1 73.0 109.4
131 93.4 74.2 111.2





#65
Chlorobenzene
Concen: 55.185 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

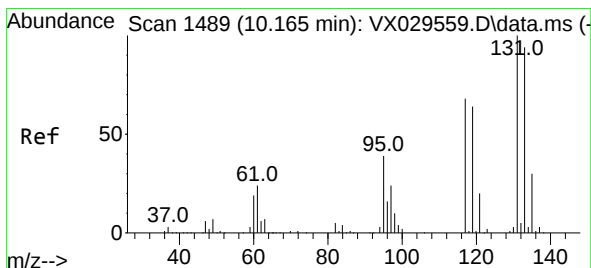
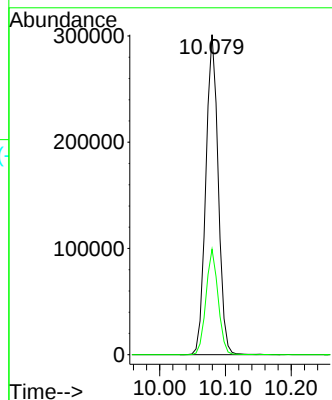
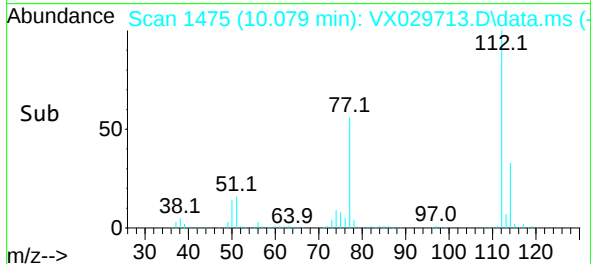
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



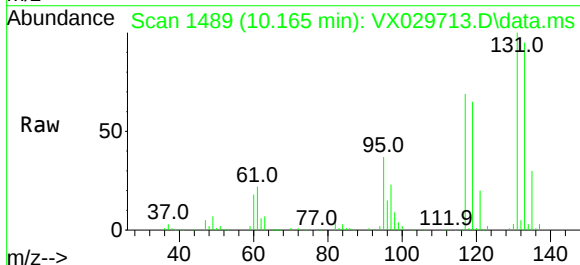
Tgt Ion:112 Resp: 39486
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

Manual Integrations
APPROVED

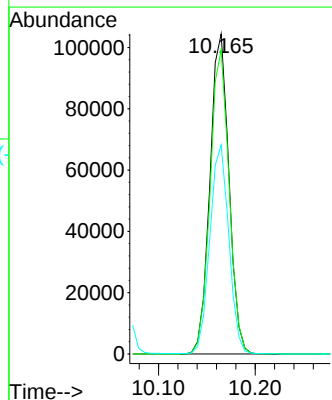
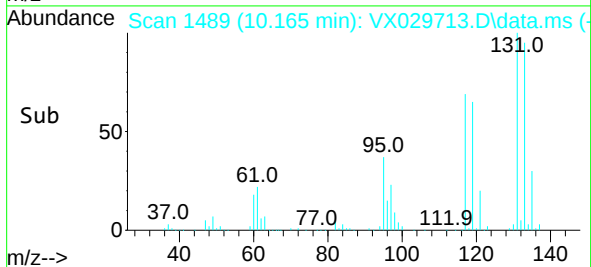
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

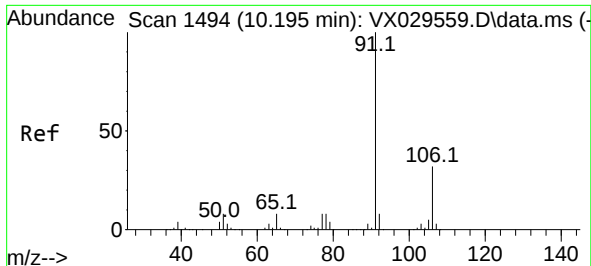


#66
1,1,1,2-Tetrachloroethane
Concen: 55.380 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



Tgt Ion:131 Resp: 142308
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 54.772 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029713.D

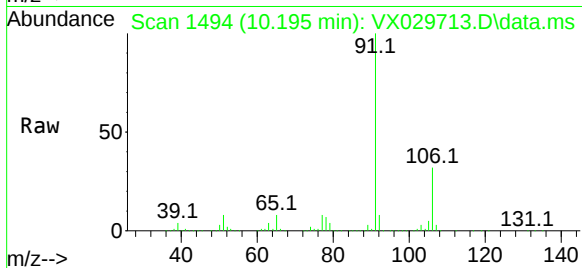
Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 91 Resp: 705144

Ion Ratio Lower Upper

91 100

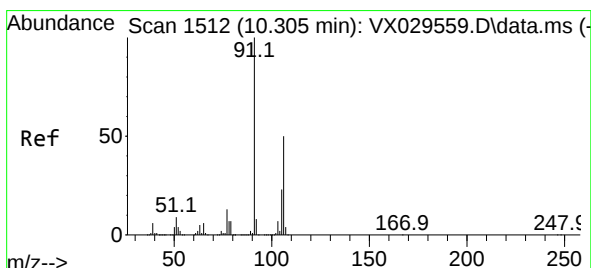
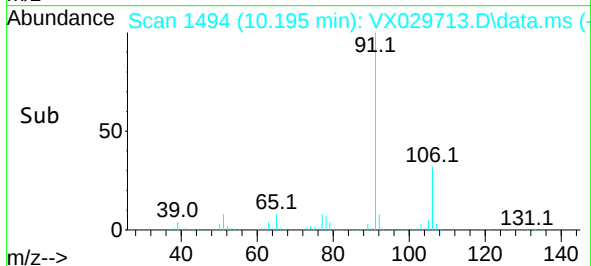
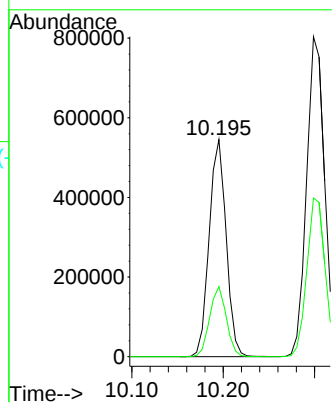
106 32.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#68

m/p-Xylenes

Concen: 110.237 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX029713.D

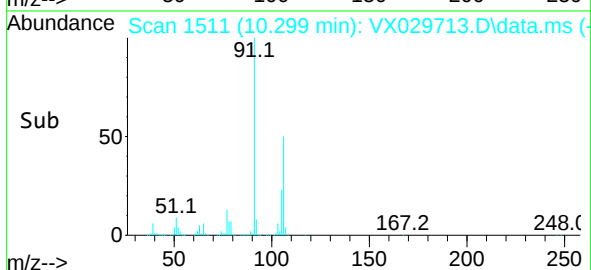
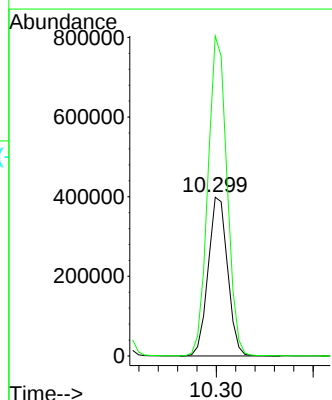
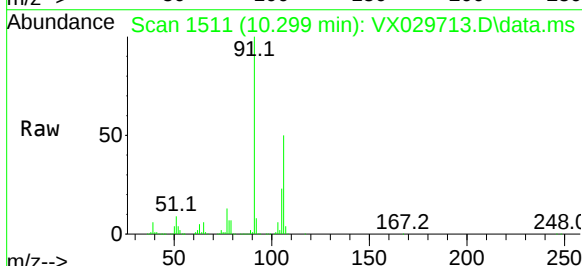
Acq: 23 Jun 2022 01:29

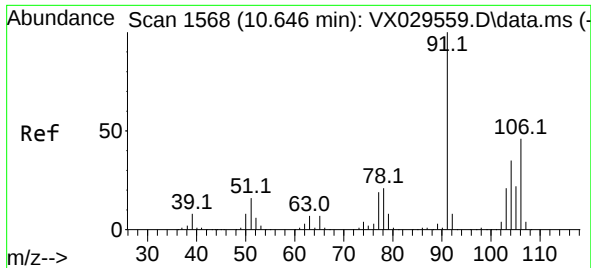
Tgt Ion:106 Resp: 553462

Ion Ratio Lower Upper

106 100

91 198.8 160.4 240.6





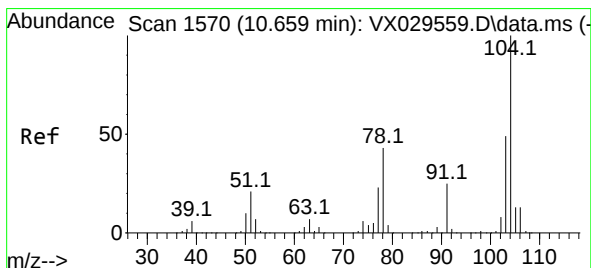
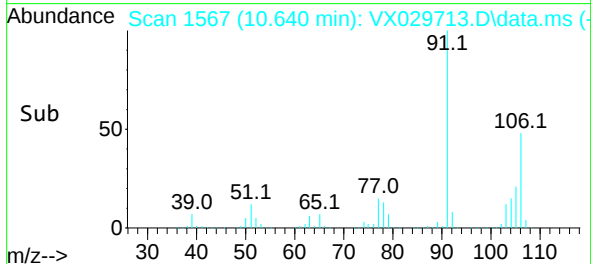
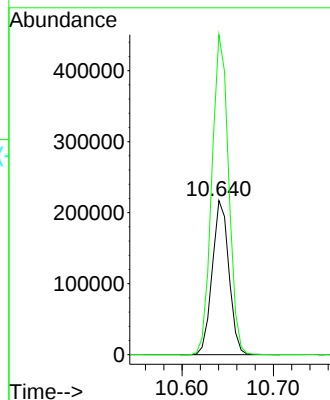
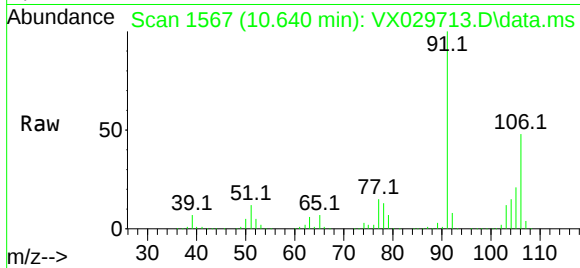
#69
o-Xylene
Concen: 55.288 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 27424
Ion Ratio Lower Upper
106 100
91 209.6 106.1 318.1

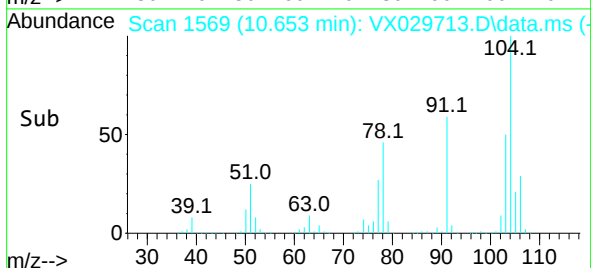
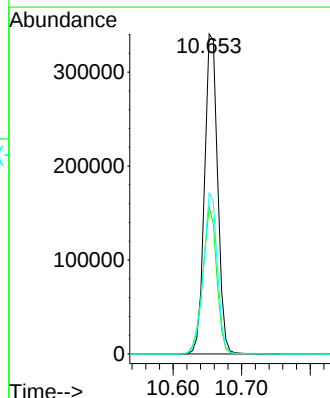
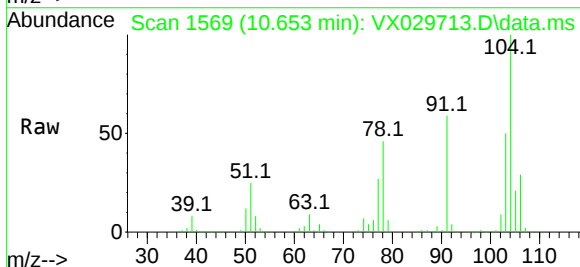
Manual Integrations
APPROVED

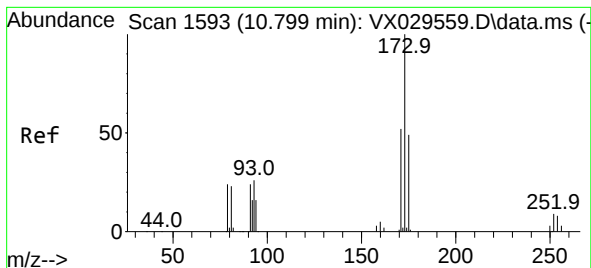
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#70
Styrene
Concen: 56.070 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion:104 Resp: 455381
Ion Ratio Lower Upper
104 100
78 48.9 38.6 57.8
103 53.7 43.8 65.8





#71

Bromoform

Concen: 57.870 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 10543

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

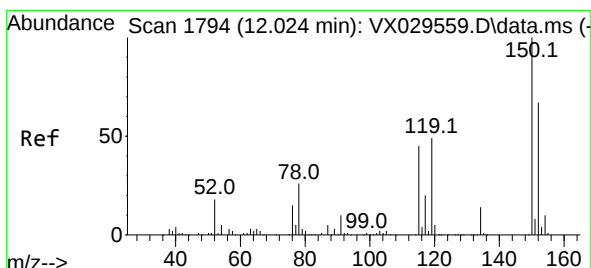
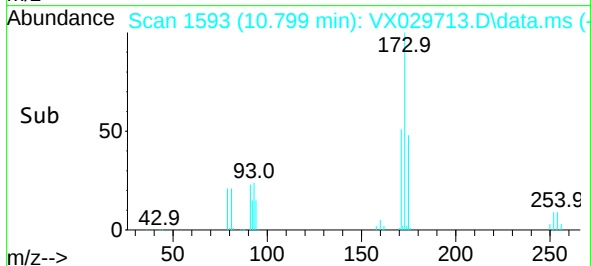
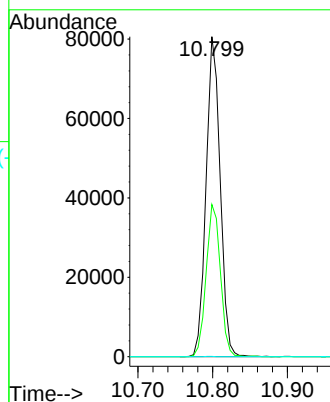
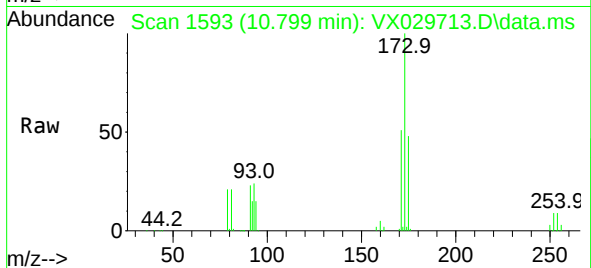
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

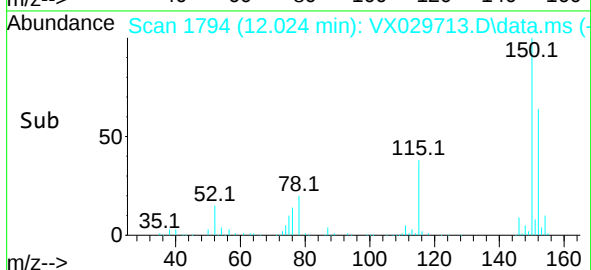
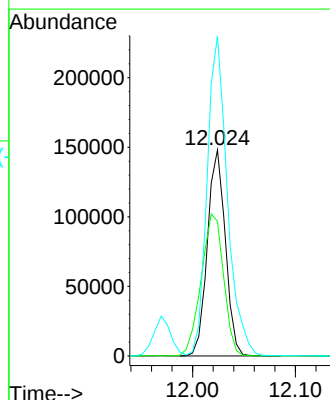
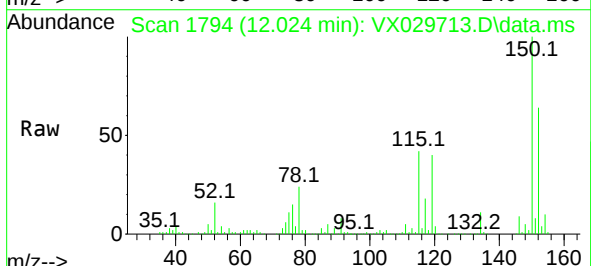
Tgt Ion:152 Resp: 180085

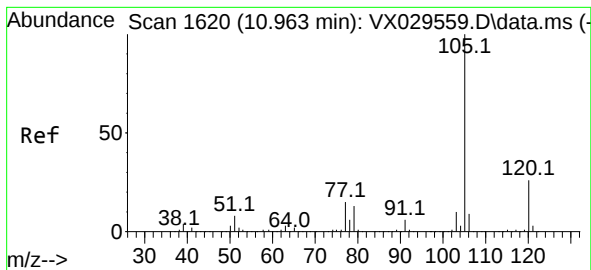
Ion Ratio Lower Upper

152 100

115 86.1 37.5 112.7

150 174.4 0.0 338.2





#73

Isopropylbenzene

Concen: 52.533 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 709324

Ion Ratio Lower Upper

105 100

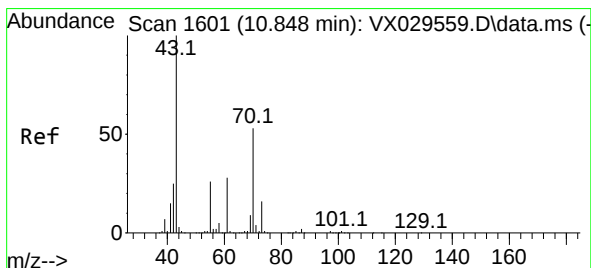
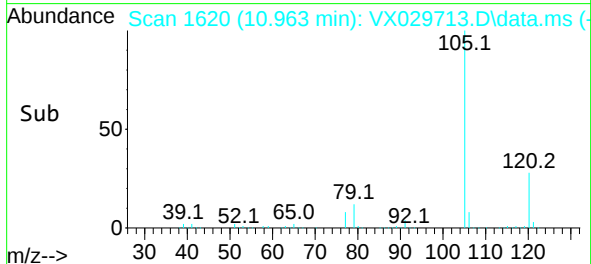
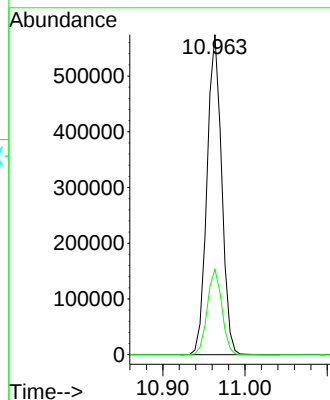
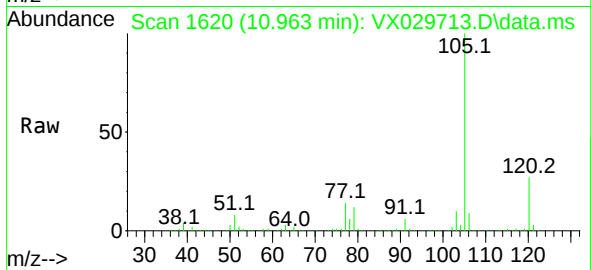
120 26.4 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#74

N-ethyl acetate

Concen: 51.171 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.007 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Tgt Ion: 43 Resp: 239970

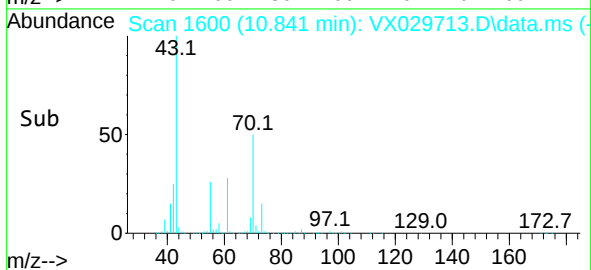
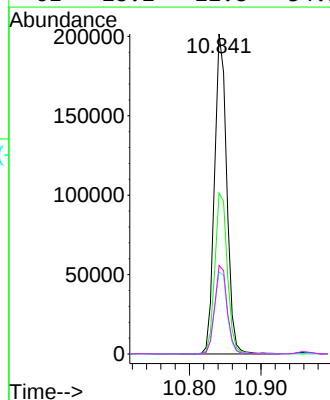
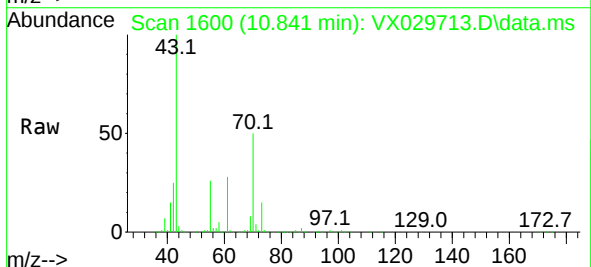
Ion Ratio Lower Upper

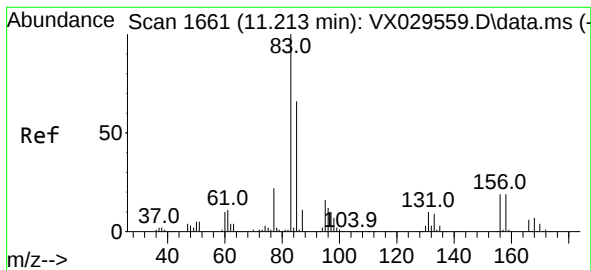
43 100

70 51.5 42.5 63.7

55 26.7 23.1 34.7

61 28.2 22.8 34.2





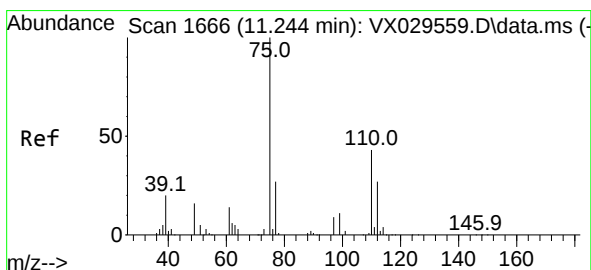
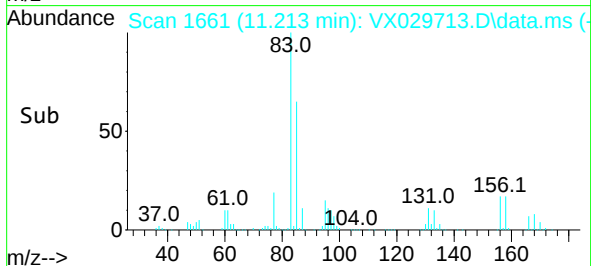
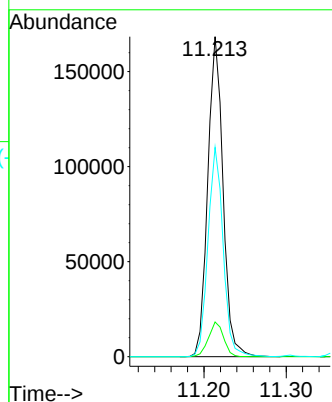
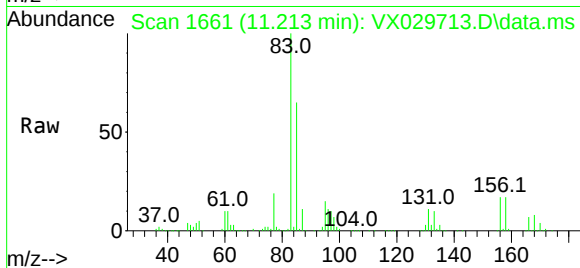
#75
1,1,2,2-Tetrachloroethane
Concen: 49.704 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21697
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 65.1 32.6 97.7

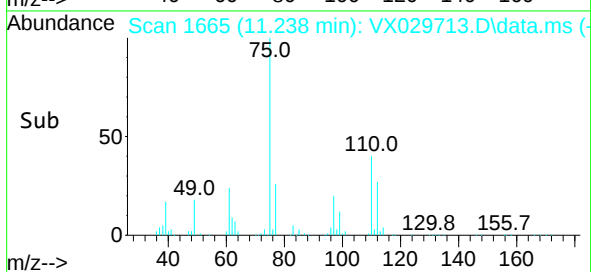
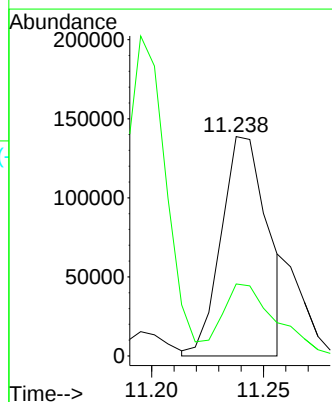
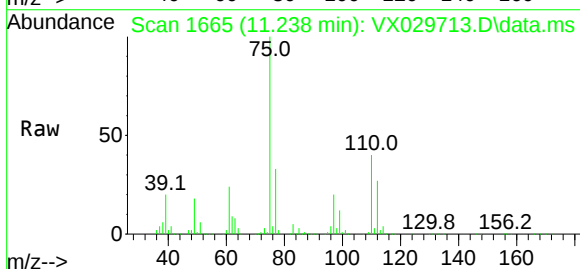
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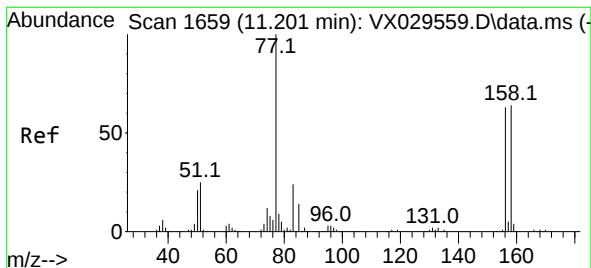
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#76
1,2,3-Trichloropropane
Concen: 50.872 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion: 75 Resp: 199580
Ion Ratio Lower Upper
75 100
77 38.9 19.4 58.2





#77

Bromobenzene

Concen: 53.023 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 163398

Ion Ratio Lower Upper

156 100

77 158.4 78.5 235.3

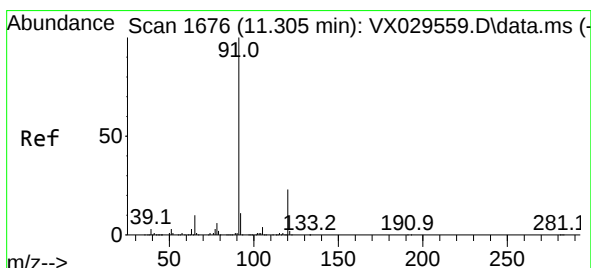
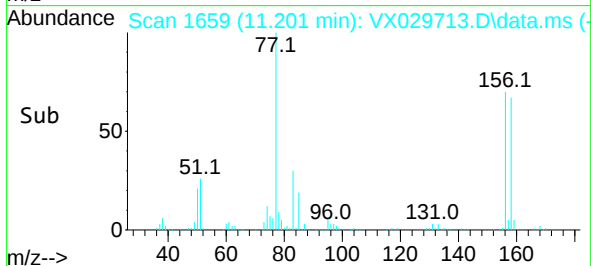
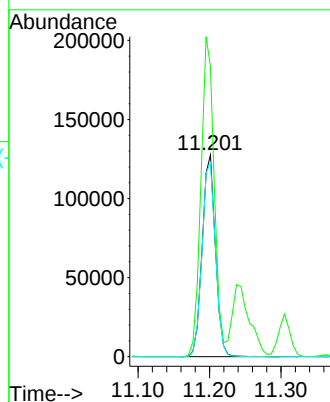
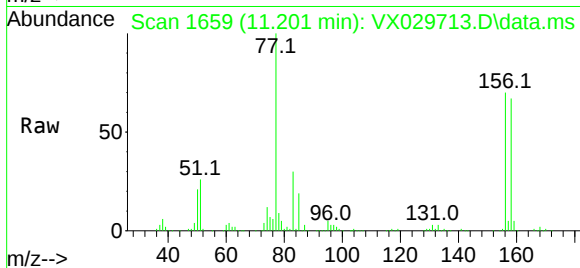
158 98.1 50.2 150.7

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Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#78

n-propylbenzene

Concen: 53.154 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029713.D

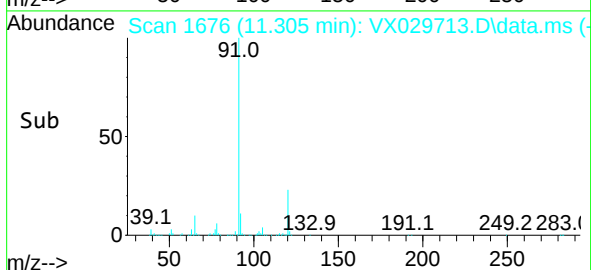
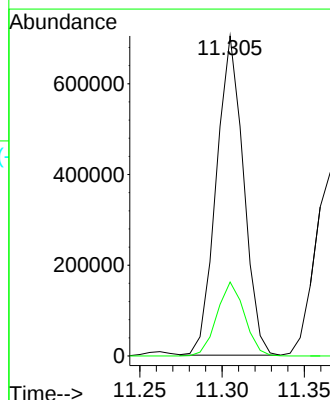
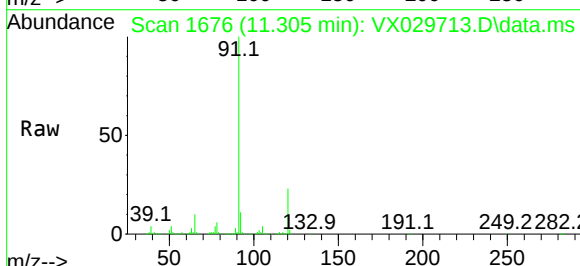
Acq: 23 Jun 2022 01:29

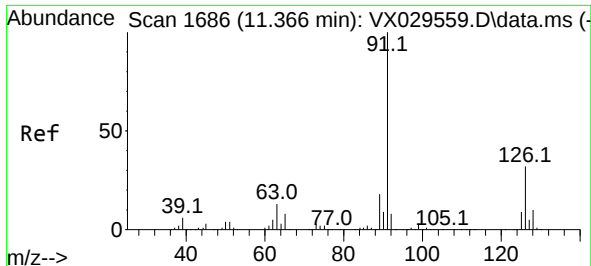
Tgt Ion: 91 Resp: 808343

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 51.870 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 488430

Ion Ratio Lower Upper

91 100

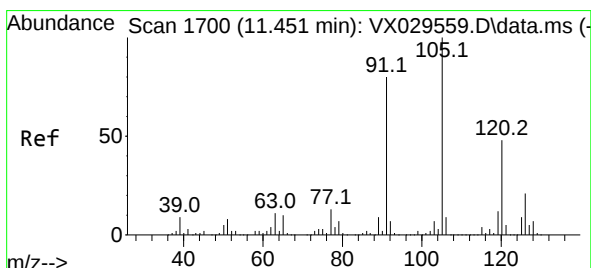
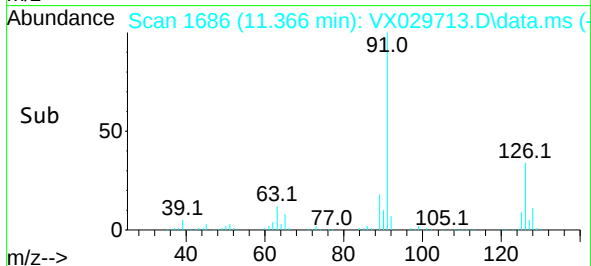
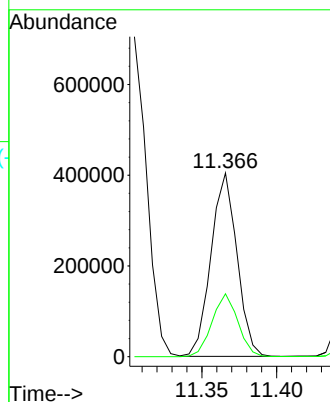
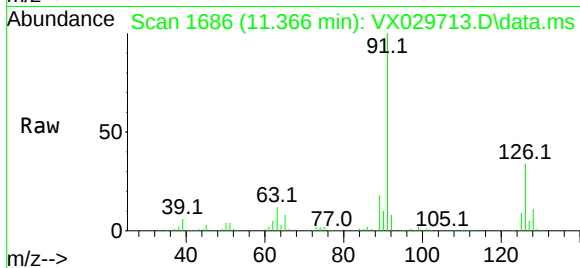
126 34.1 17.3 51.9

Manual Integrations

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Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#80

1,3,5-Trimethylbenzene

Concen: 52.610 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029713.D

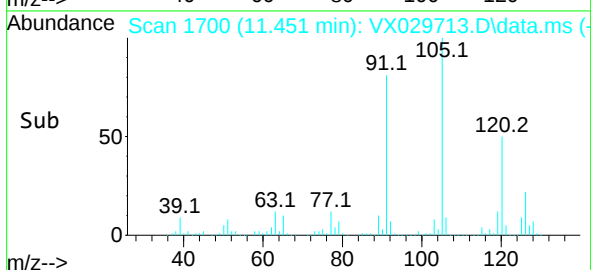
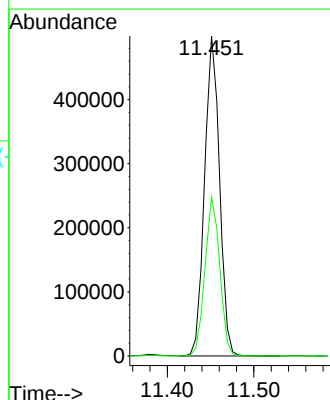
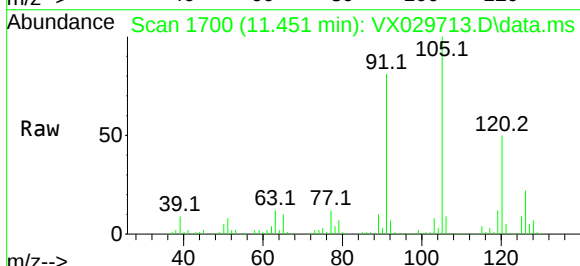
Acq: 23 Jun 2022 01:29

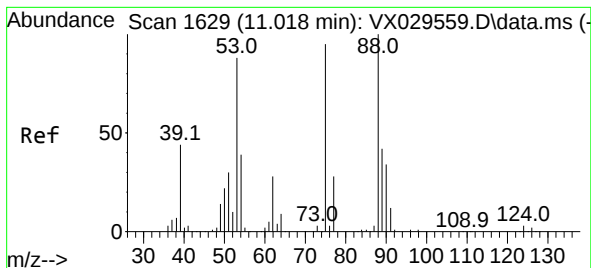
Tgt Ion:105 Resp: 598244

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.9





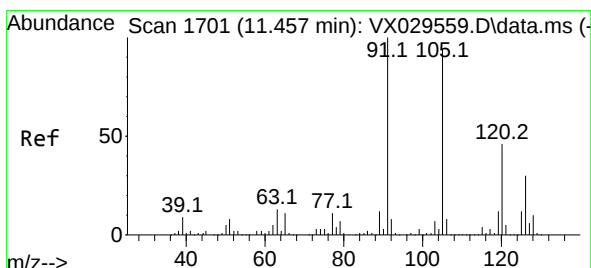
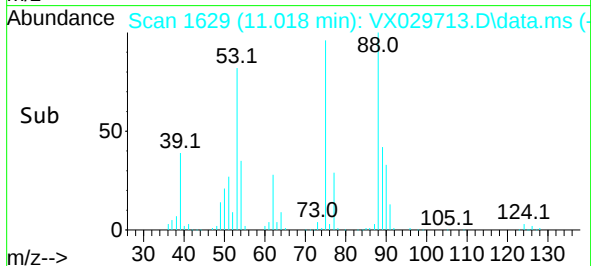
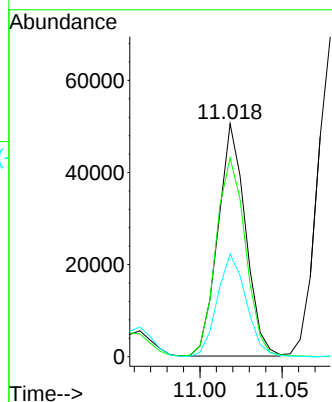
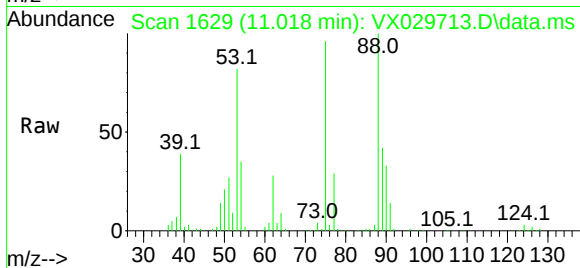
#81
trans-1,4-Dichloro-2-butene
Concen: 49.914 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 58862
Ion Ratio Lower Upper
75 100
53 91.7 69.0 103.4
89 46.4 37.0 55.6

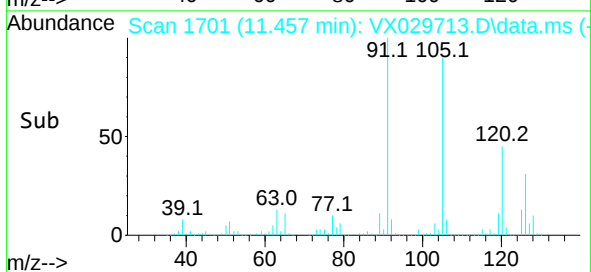
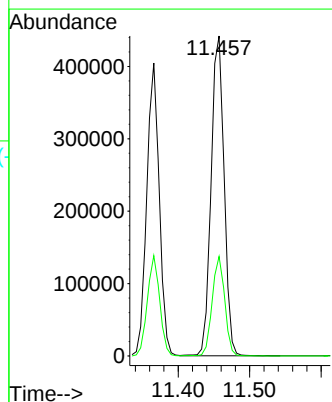
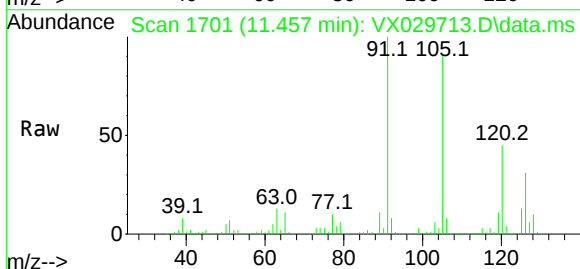
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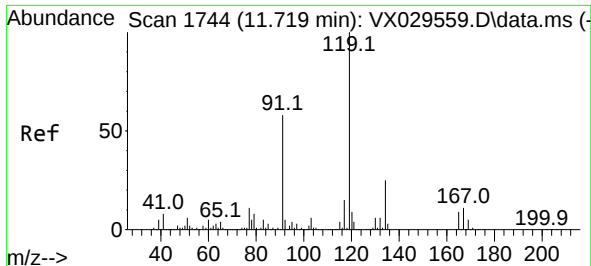
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#82
4-Chlorotoluene
Concen: 52.027 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Tgt Ion: 91 Resp: 558685
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.5





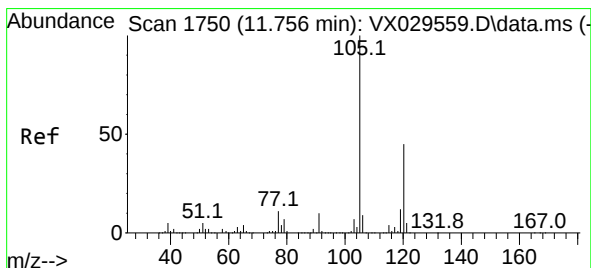
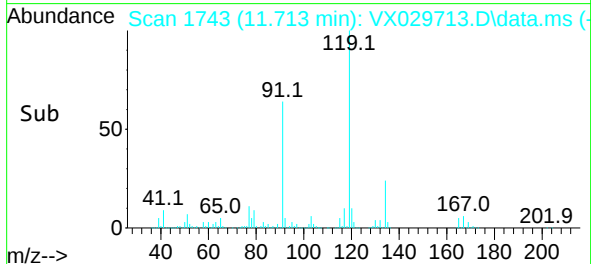
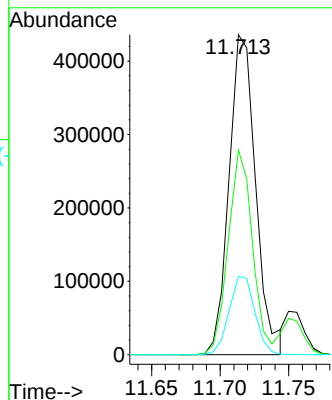
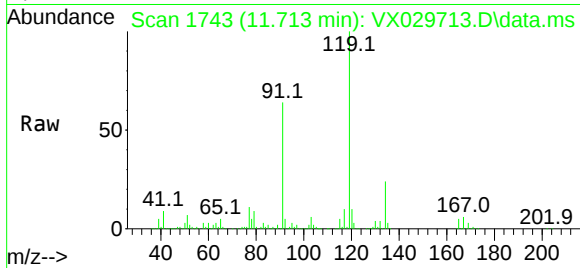
#83
tert-Butylbenzene
Concen: 53.215 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 590010
Ion Ratio Lower Upper
119 100
91 58.2 26.9 80.6
134 23.6 11.4 34.2

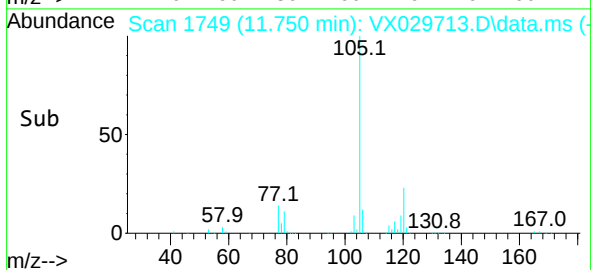
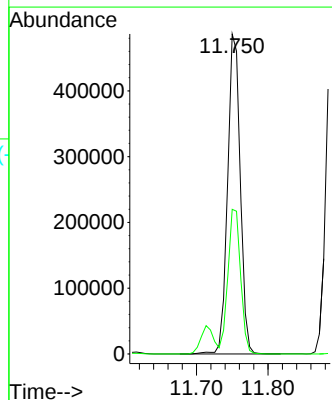
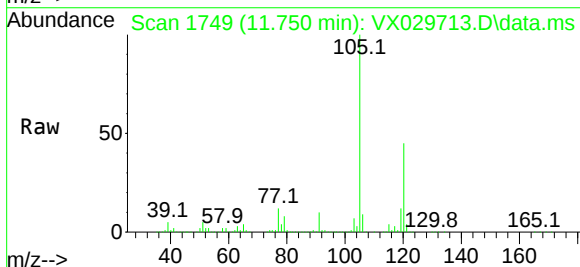
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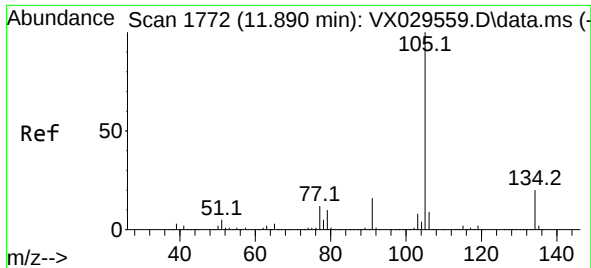
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.699 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

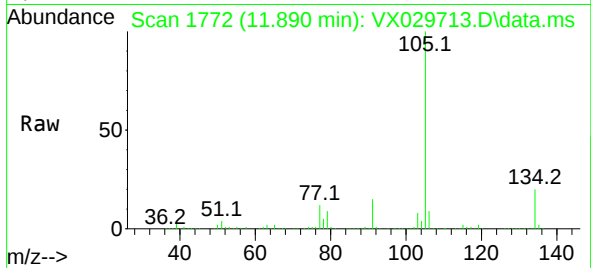
Tgt Ion:105 Resp: 597668
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 54.248 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029713.D
 Acq: 23 Jun 2022 01:29

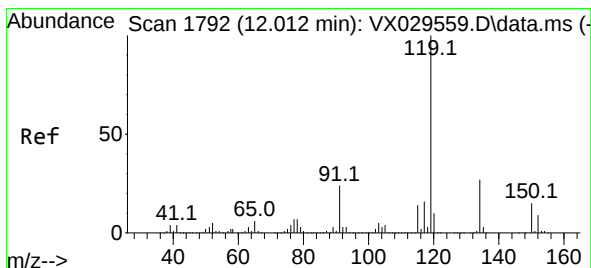
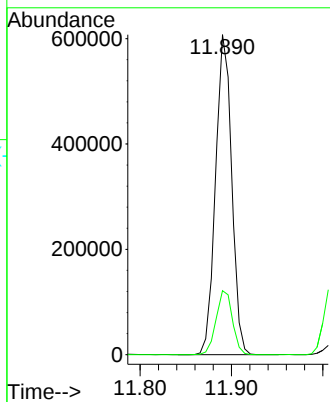
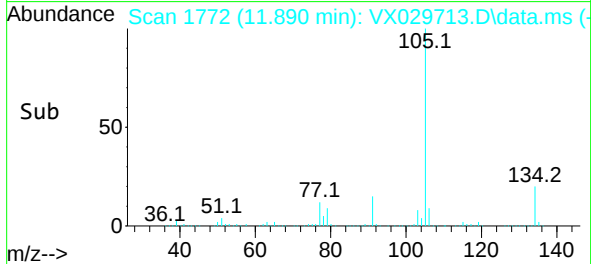
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



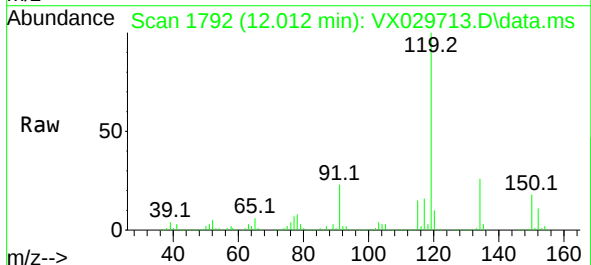
Tgt Ion:105 Resp: 74542
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

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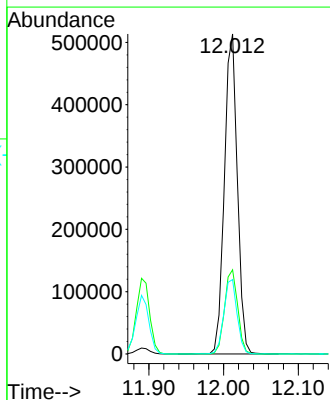
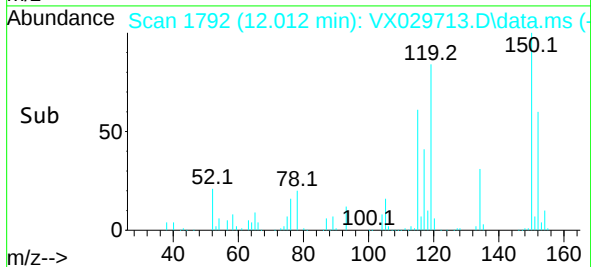
Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

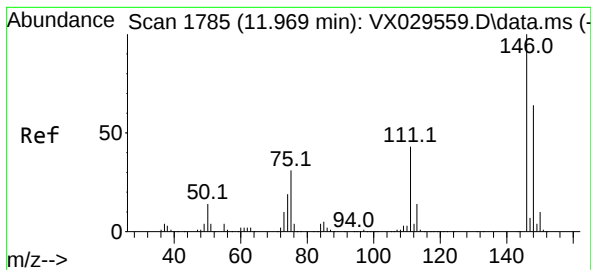


#86
 p-Isopropyltoluene
 Concen: 53.892 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029713.D
 Acq: 23 Jun 2022 01:29



Tgt Ion:119 Resp: 620061
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 23.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 54.050 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 31729

Ion Ratio Lower Upper

146 100

111 42.0 19.7 59.1

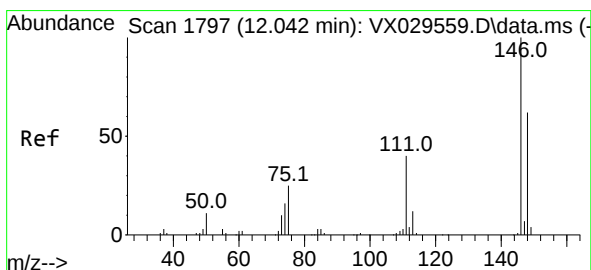
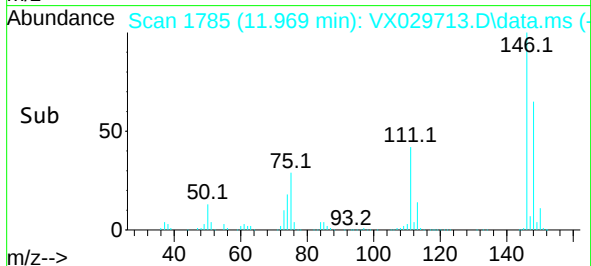
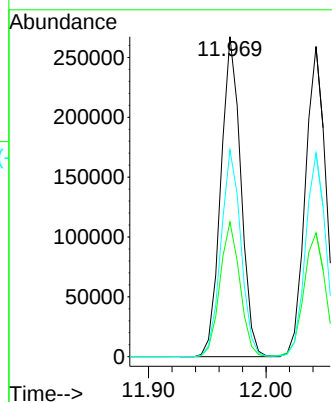
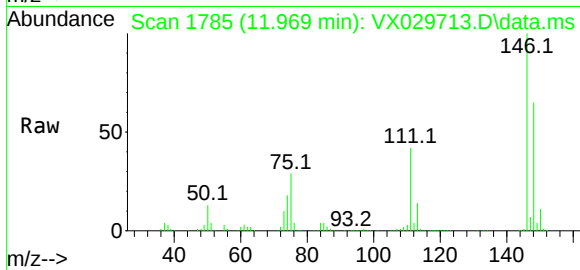
148 64.1 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#88

1,4-Dichlorobenzene

Concen: 53.464 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

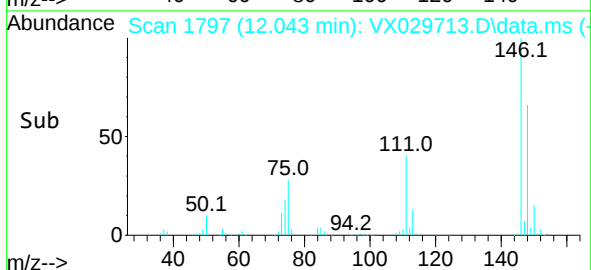
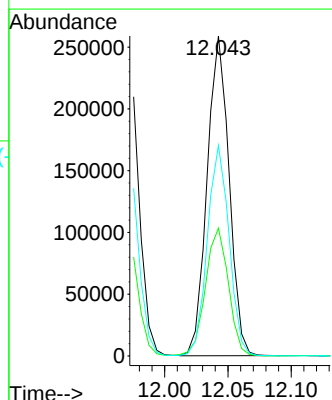
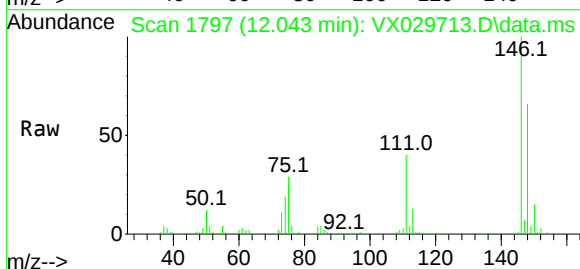
Tgt Ion:146 Resp: 313362

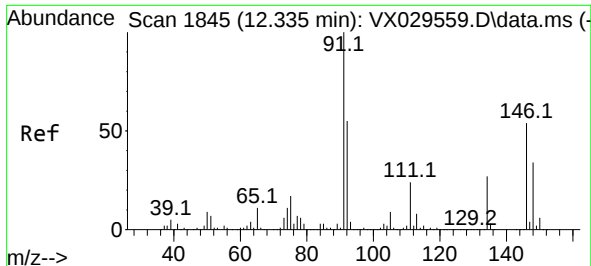
Ion Ratio Lower Upper

146 100

111 41.7 19.2 57.6

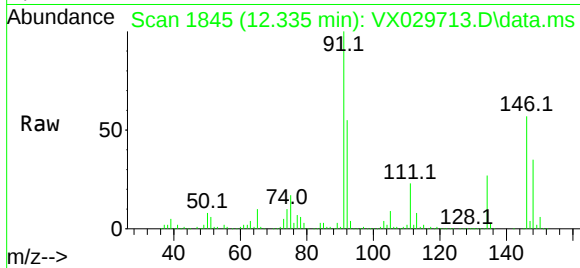
148 65.4 32.3 96.9





#89
n-Butylbenzene
Concen: 54.354 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

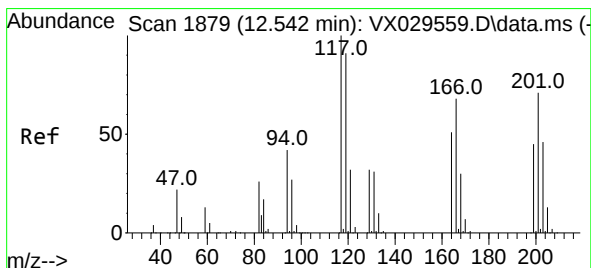
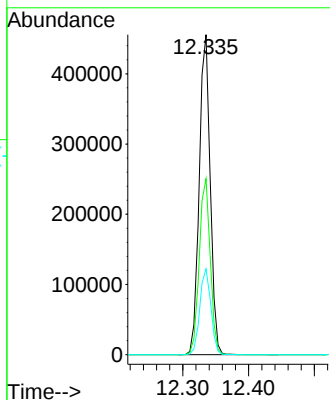
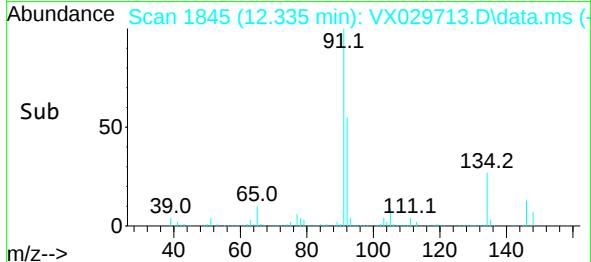
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 527809
Ion Ratio Lower Upper
91 100
92 55.1 27.8 83.3
134 27.0 13.3 39.8

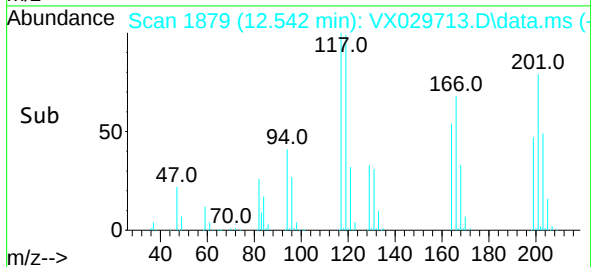
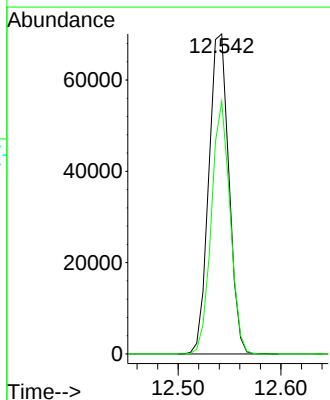
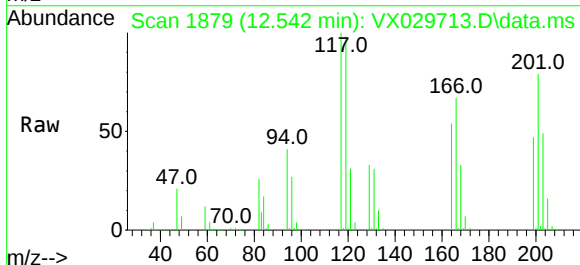
Manual Integrations
APPROVED

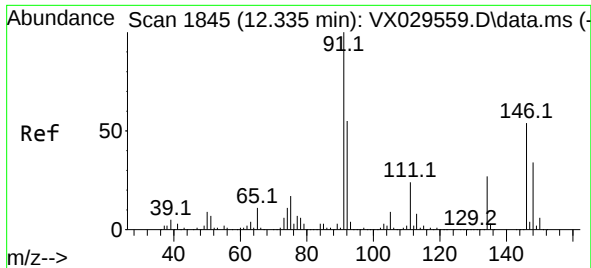
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#90
Hexachloroethane
Concen: 57.626 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

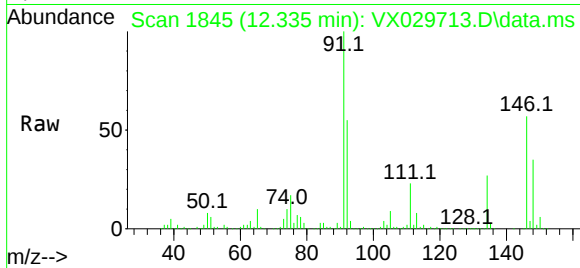
Tgt Ion:117 Resp: 94939
Ion Ratio Lower Upper
117 100
201 73.5 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 54.135 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29

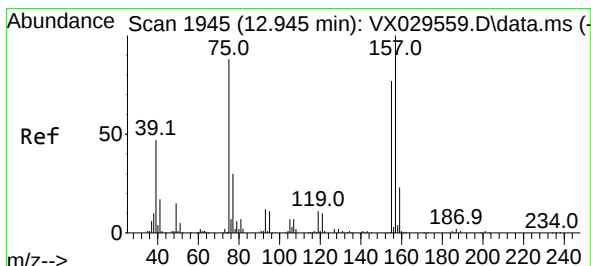
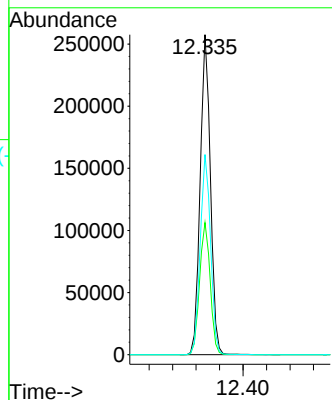
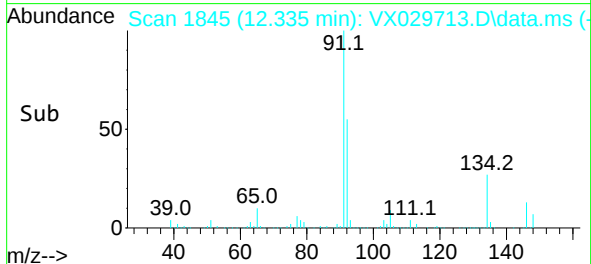
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



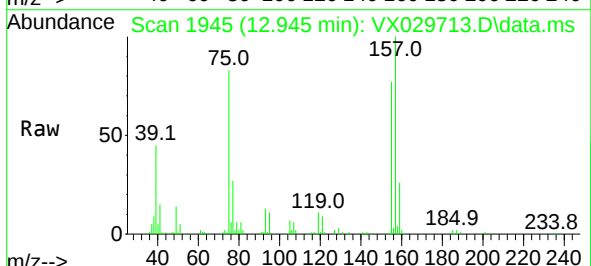
Tgt Ion:146 Resp: 31238
Ion Ratio Lower Upper
146 100
111 42.6 21.0 63.0
148 63.4 32.6 97.7

Manual Integrations
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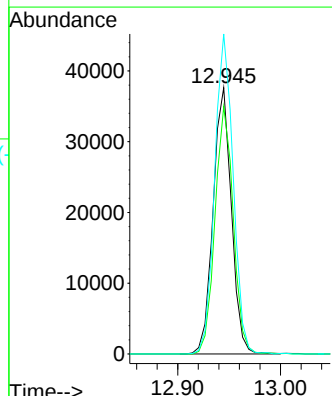
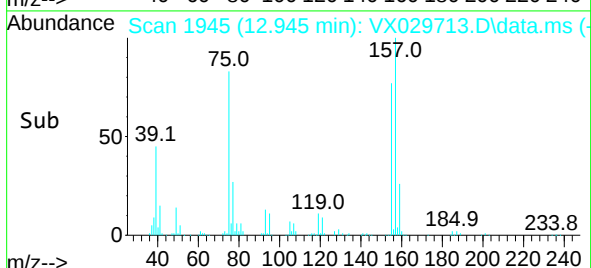
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

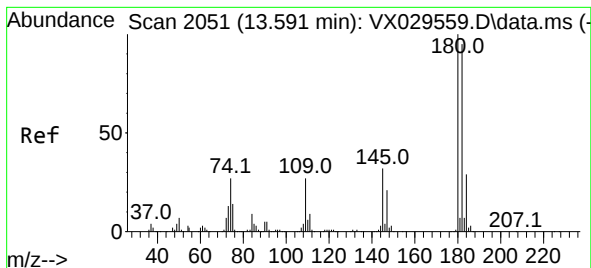


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.990 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029713.D
Acq: 23 Jun 2022 01:29



Tgt Ion: 75 Resp: 46420
Ion Ratio Lower Upper
75 100
155 92.8 47.0 141.2
157 121.2 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 54.824 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 192920

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

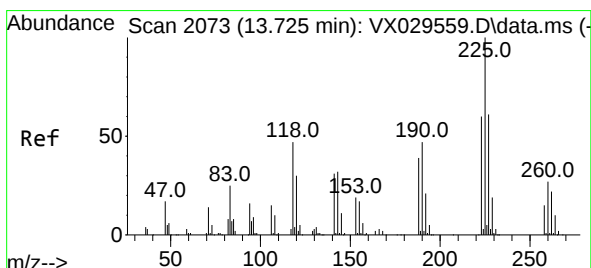
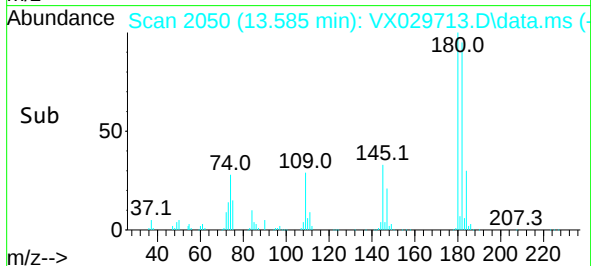
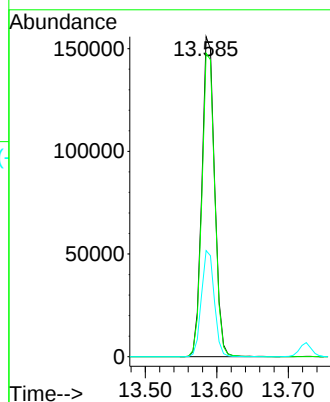
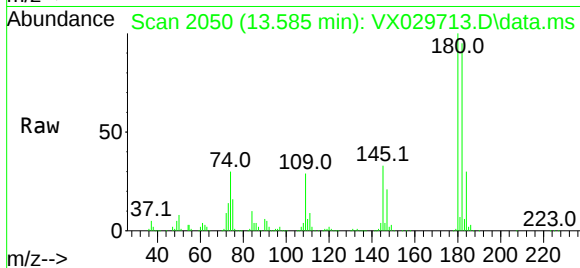
145 33.5 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#94

Hexachlorobutadiene

Concen: 52.979 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

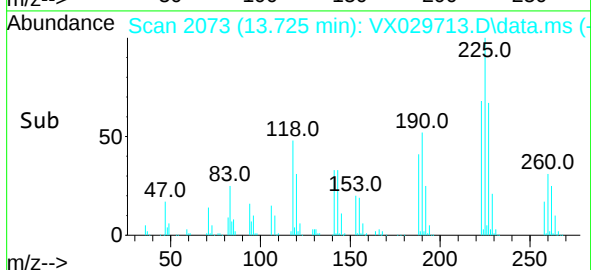
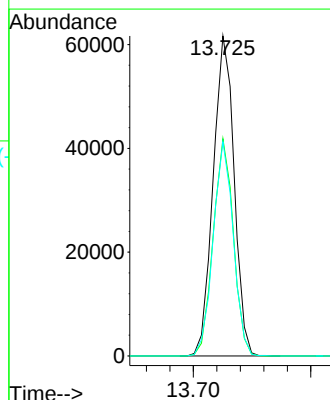
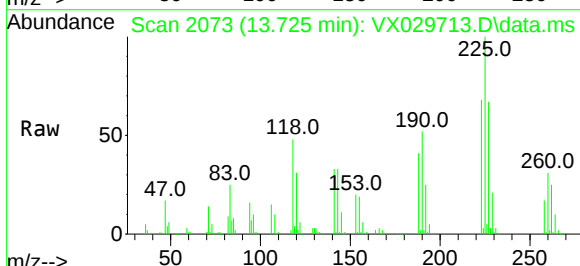
Tgt Ion:225 Resp: 76327

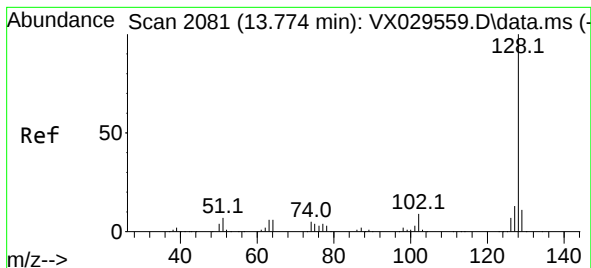
Ion Ratio Lower Upper

225 100

223 65.2 34.2 102.5

227 64.3 33.9 101.7





#95

Naphthalene

Concen: 55.512 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

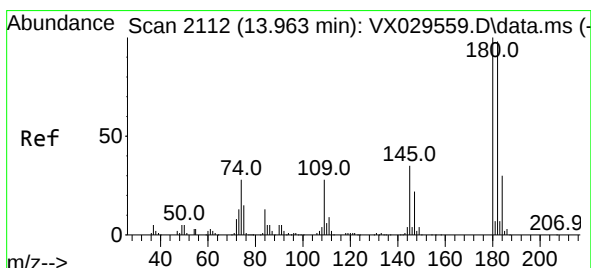
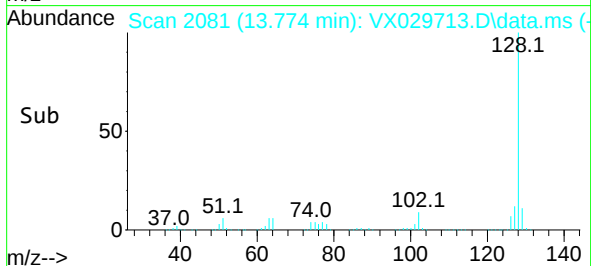
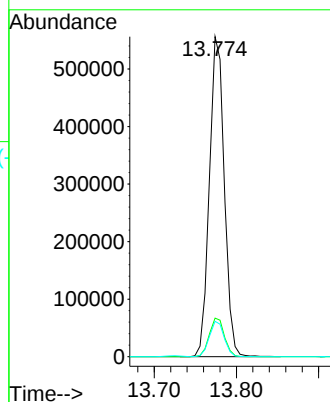
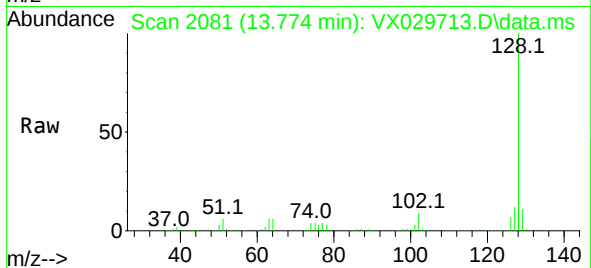
Tgt Ion:128	Resp: 701229
Ion Ratio	Lower Upper
128 100	
127 12.2	10.2 15.4
129 11.0	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#96

1,2,3-Trichlorobenzene

Concen: 55.025 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029713.D

Acq: 23 Jun 2022 01:29

Tgt Ion:180	Resp: 193922
Ion Ratio	Lower Upper
180 100	
182 94.7	50.0 149.8
145 34.5	16.2 48.5

