

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031688.D
 Acq On : 27 Sep 2022 08:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 06:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	76293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77246	47.705	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	5.385	113	66031	48.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	8.647	98	247913	50.324	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.640%		
62) 4-Bromofluorobenzene	11.079	95	100126	55.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38909	41.905	ug/l	97
3) Chloromethane	1.288	50	41430	50.578	ug/l	98
4) Vinyl Chloride	1.374	62	53480	41.853	ug/l	97
5) Bromomethane	1.611	94	59482	52.149	ug/l	99
6) Chloroethane	1.685	64	65603	42.982	ug/l	98
7) Trichlorofluoromethane	1.886	101	135425	42.955	ug/l	100
8) Diethyl Ether	2.130	74	43182	48.021	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	45397	44.764	ug/l	93
10) Methyl Iodide	2.447	142	51313	51.620	ug/l	99
11) Tert butyl alcohol	2.995	59	50188	240.156	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	39460	50.706	ug/l	88
13) Acrolein	2.239	56	23312	239.858	ug/l	100
14) Allyl chloride	2.660	41	62684	46.979	ug/l	93
15) Acrylonitrile	3.068	53	128846	229.277	ug/l	99
16) Acetone	2.392	43	105914	285.168	ug/l	95
17) Carbon Disulfide	2.508	76	82478	48.461	ug/l	99
18) Methyl Acetate	2.703	43	64712	44.473	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	175518	48.735	ug/l	99
20) Methylene Chloride	2.788	84	51049	49.849	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	52891	47.176	ug/l	92
22) Diisopropyl ether	3.757	45	160509	46.741	ug/l #	92
23) Vinyl Acetate	3.721	43	652695	240.328	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	94614	47.790	ug/l	98
25) 2-Butanone	4.562	43	182652	236.318	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	85964	53.497	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	67301	49.015	ug/l	89
28) Bromochloromethane	4.897	49	43743	47.232	ug/l #	75
29) Tetrahydrofuran	5.007	42	111571	229.787	ug/l #	85
30) Chloroform	5.093	83	118888	48.814	ug/l	99
31) Cyclohexane	5.471	56	76677	49.803	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	106262	52.678	ug/l	97
36) 1,1-Dichloropropene	5.690	75	78075	50.031	ug/l	97
37) Ethyl Acetate	4.715	43	72330	45.952	ug/l	96
38) Carbon Tetrachloride	5.678	117	92598	52.652	ug/l	98
39) Methylcyclohexane	7.379	83	92396	51.966	ug/l	91
40) Benzene	6.037	78	233750	48.770	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38829	48.480	ug/l	90
42) 1,2-Dichloroethane	6.086	62	91981	49.622	ug/l	97
43) Isopropyl Acetate	6.342	43	118616	47.880	ug/l #	95
44) Trichloroethene	7.123	130	67854	50.123	ug/l	96
45) 1,2-Dichloropropane	7.427	63	58322	50.139	ug/l	94
46) Dibromomethane	7.580	93	46901	50.207	ug/l	93
47) Bromodichloromethane	7.818	83	90882	53.913	ug/l	98
48) Methyl methacrylate	7.690	41	55287	50.745	ug/l #	86
49) 1,4-Dioxane	7.702	88	29147	1103.965	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	383889	244.812	ug/l	94
52) Toluene	8.720	92	168584	52.768	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	93496	48.097	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97307	55.545	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	71003	51.619	ug/l	95
56) Ethyl methacrylate	9.116	69	95882	54.482	ug/l	91
57) 1,3-Dichloropropane	9.311	76	110116	50.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	223118	257.467	ug/l	90
59) 2-Hexanone	9.433	43	293372	250.751	ug/l	93
60) Dibromochloromethane	9.519	129	77676	48.415	ug/l	100
61) 1,2-Dibromoethane	9.610	107	76653	54.897	ug/l	98
64) Tetrachloroethene	9.275	164	72338	49.466	ug/l	97
65) Chlorobenzene	10.079	112	192185	50.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72287	52.708	ug/l	99
67) Ethyl Benzene	10.195	91	333403	51.419	ug/l	98
68) m/p-Xylenes	10.305	106	272469	104.584	ug/l	97
69) o-Xylene	10.640	106	135007	53.017	ug/l	94
70) Styrene	10.653	104	224355	54.126	ug/l	98
71) Bromoform	10.799	173	55442	47.174	ug/l #	99
73) Isopropylbenzene	10.963	105	360435	49.882	ug/l	100
74) N-amyl acetate	10.842	43	111070	47.387	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	108057	47.064	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96709m	47.744	ug/l	
77) Bromobenzene	11.201	156	87676	47.730	ug/l	93
78) n-propylbenzene	11.305	91	416558	51.806	ug/l	98
79) 2-Chlorotoluene	11.366	91	243976	49.137	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	317539	51.841	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	29436	49.473	ug/l	96
82) 4-Chlorotoluene	11.457	91	295784	51.564	ug/l	97
83) tert-Butylbenzene	11.713	119	302610	51.231	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	318018	52.453	ug/l	98
85) sec-Butylbenzene	11.890	105	390940	52.079	ug/l	99
86) p-Isopropyltoluene	12.012	119	341016	52.679	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	179866	50.509	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	188319	50.521	ug/l	98
89) n-Butylbenzene	12.335	91	283648	53.639	ug/l	99
90) Hexachloroethane	12.542	117	54768	52.761	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	179658	50.378	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23627	51.356	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	106035	50.844	ug/l	97
94) Hexachlorobutadiene	13.725	225	41144	50.594	ug/l	97
95) Naphthalene	13.774	128	367603	52.770	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106775	49.887	ug/l	99

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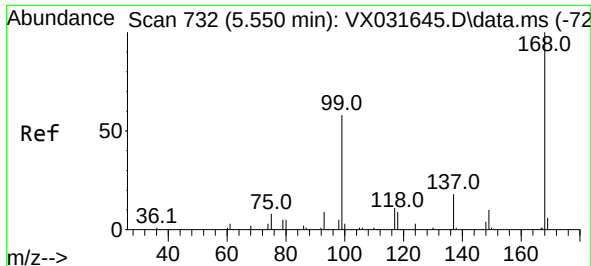
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

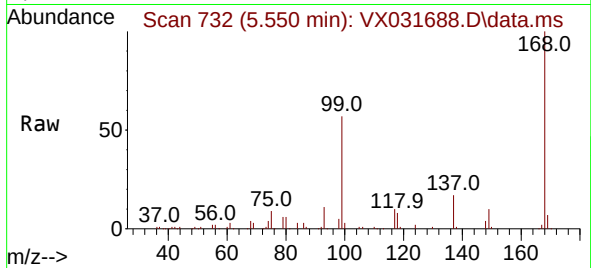
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
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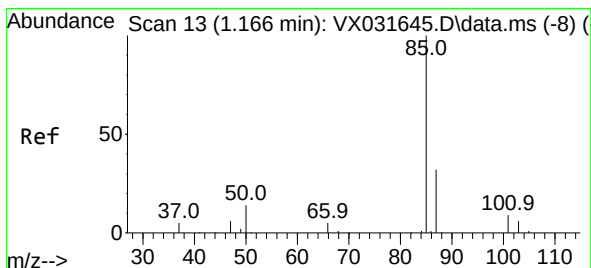
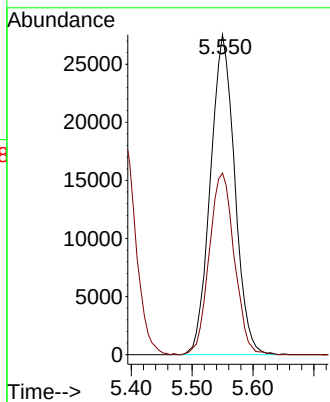
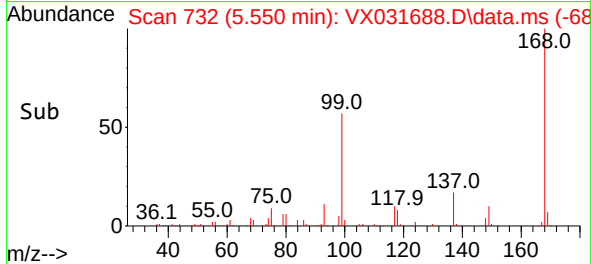
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 76293
Ion Ratio Lower Upper
168 100
99 56.7 48.8 73.2

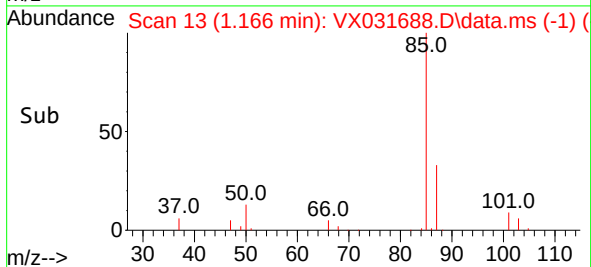
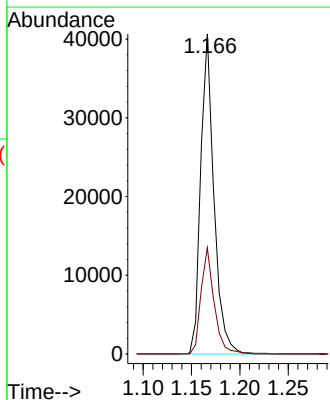
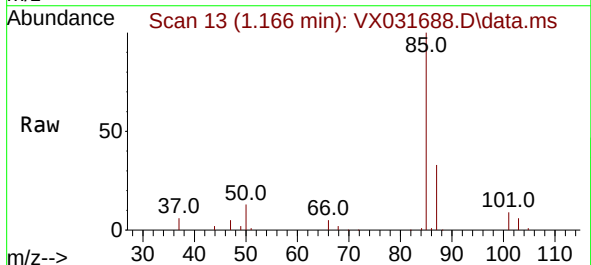
Manual Integrations
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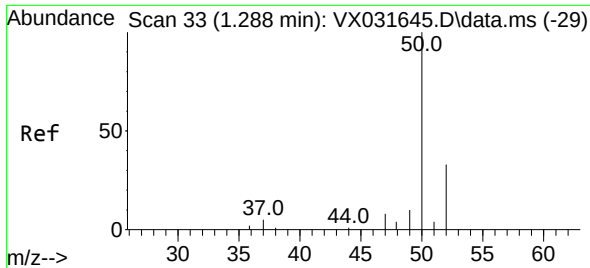
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 41.905 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion: 85 Resp: 38909
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





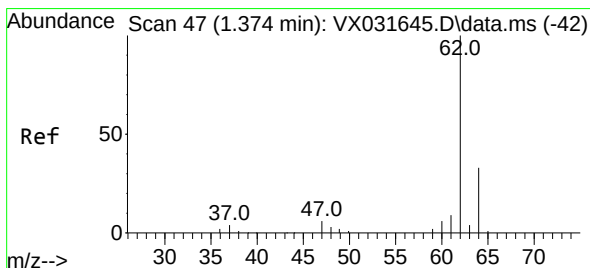
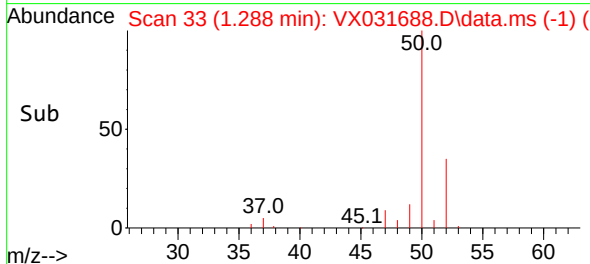
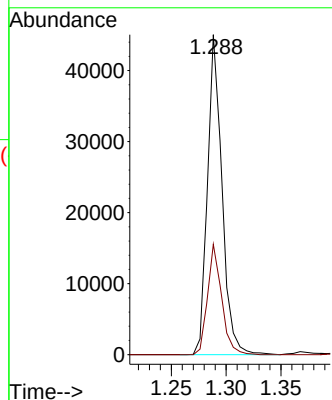
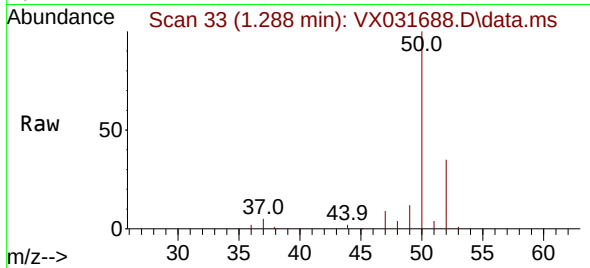
#3
Chloromethane
Concen: 50.578 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031688.D
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Tgt Ion: 50 Resp: 41430
Ion Ratio Lower Upper
50 100
52 34.5 26.9 40.3

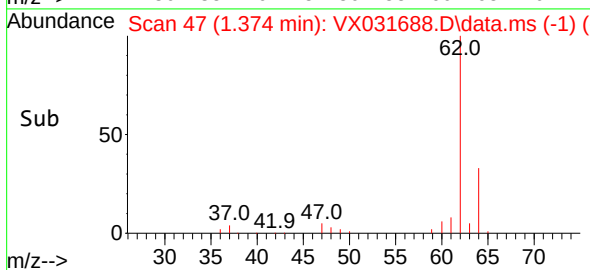
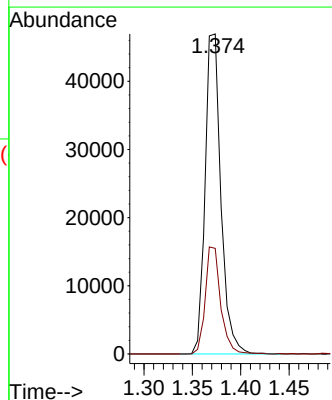
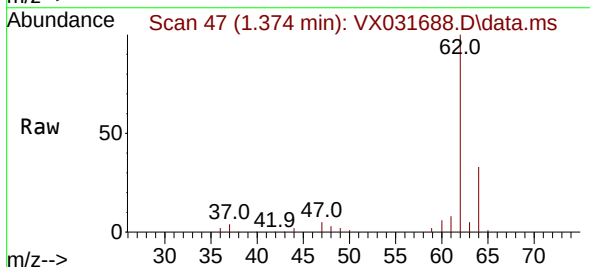
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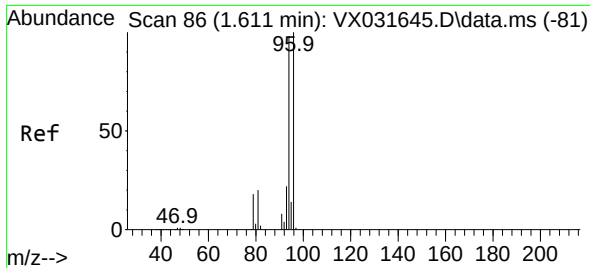
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#4
Vinyl Chloride
Concen: 41.853 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

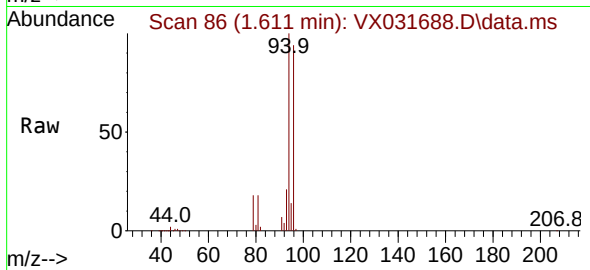
Tgt Ion: 62 Resp: 53480
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9





#5
Bromomethane
Concen: 52.149 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031688.D
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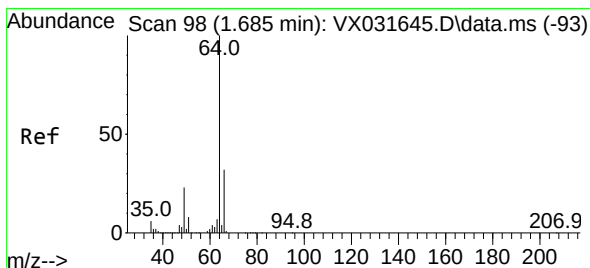
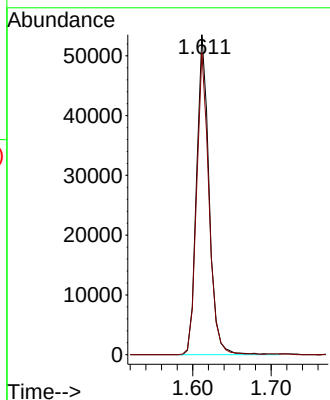
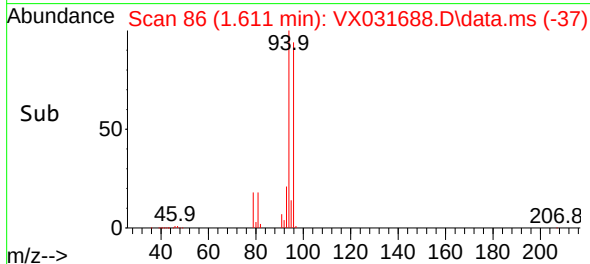
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Tgt Ion: 94 Resp: 5948
Ion Ratio Lower Upper
94 100
96 94.3 74.4 111.6

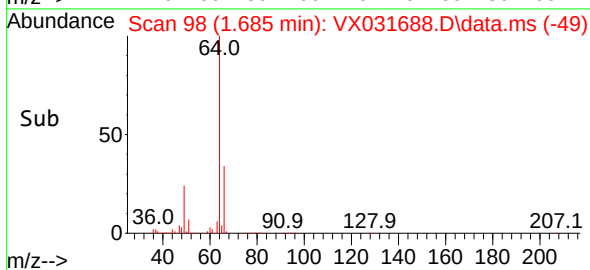
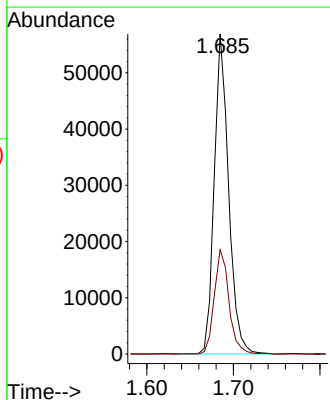
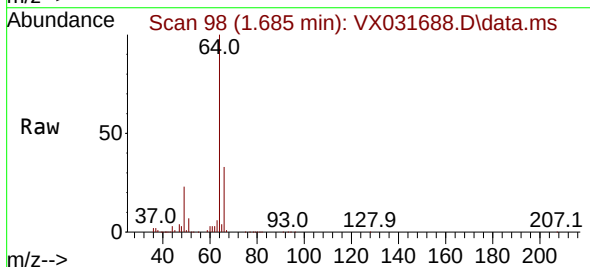
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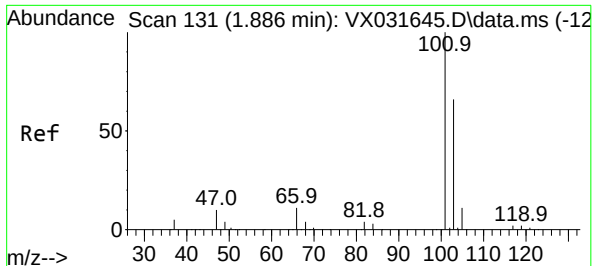
Reviewed By :John Carlone 09/28/2022
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#6
Chloroethane
Concen: 42.982 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031688.D
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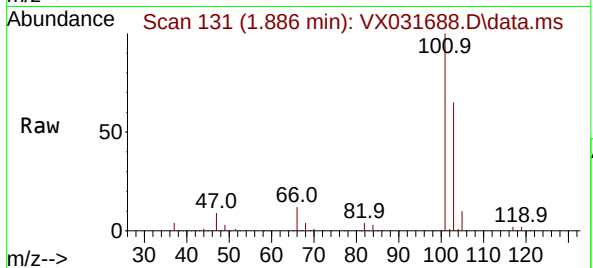
Tgt Ion: 64 Resp: 65603
Ion Ratio Lower Upper
64 100
66 32.6 25.0 37.4





#7
Trichlorofluoromethane
Concen: 42.955 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031688.D
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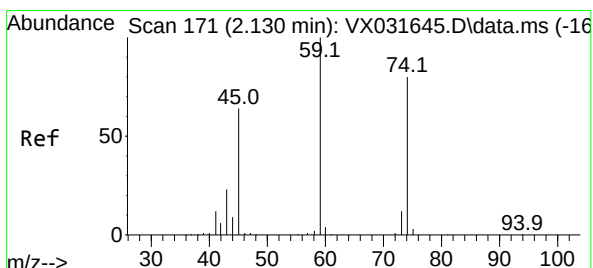
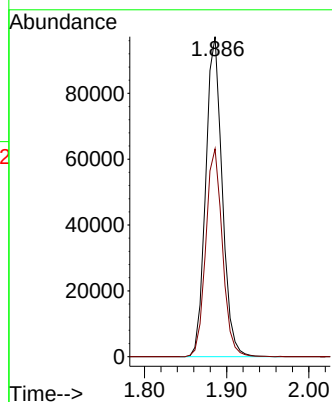
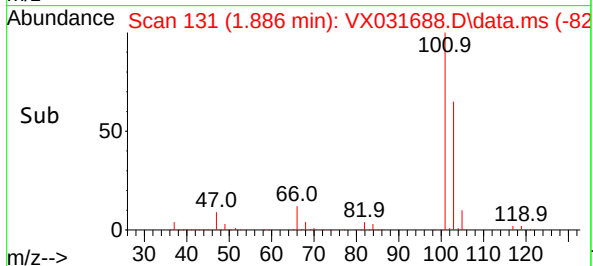
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 13542
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

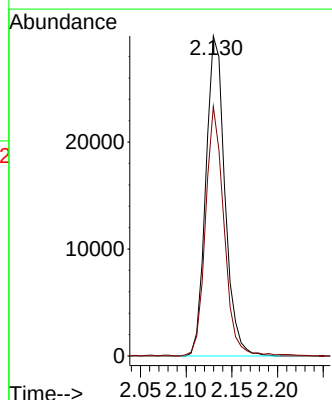
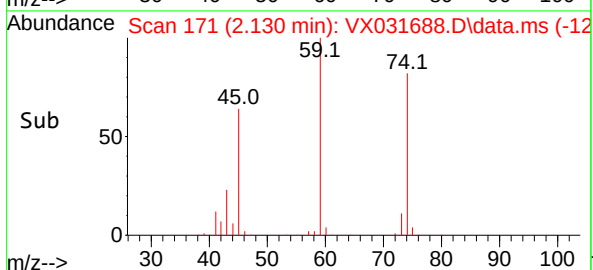
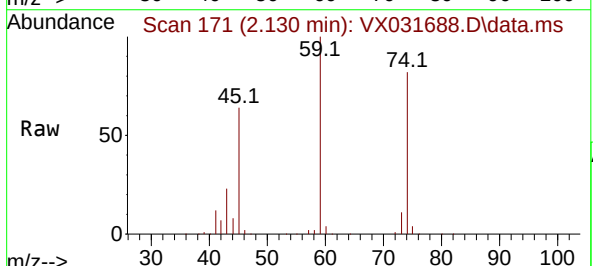
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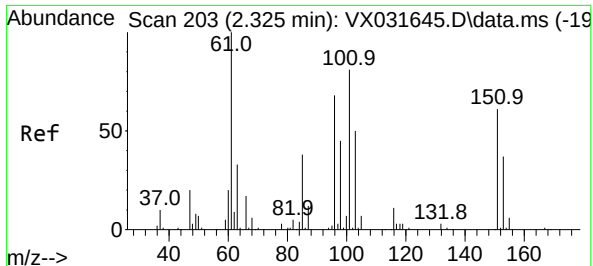
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#8
Diethyl Ether
Concen: 48.021 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 43182
Ion Ratio Lower Upper
74 100
45 75.9 48.5 145.6





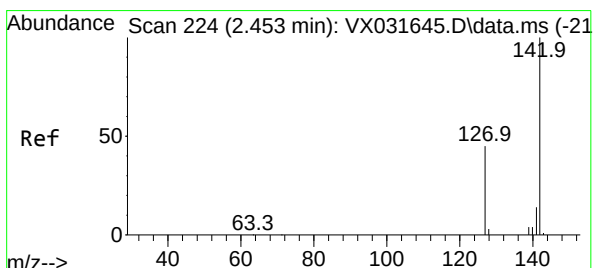
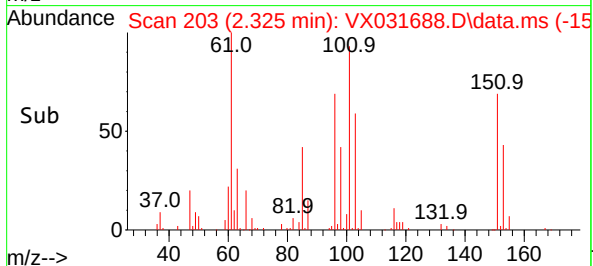
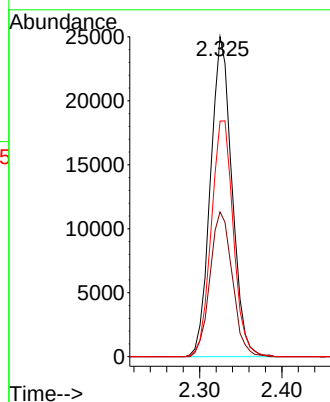
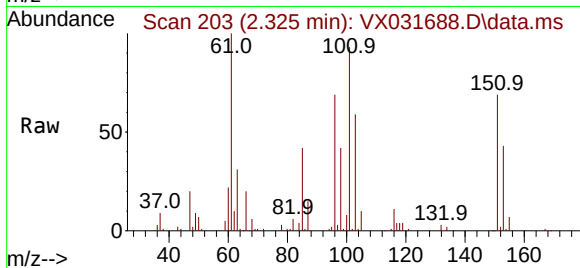
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.764 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031688.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4539
Ion Ratio Lower Upper
101 100
85 47.0 38.6 57.8
151 75.9 54.0 81.0

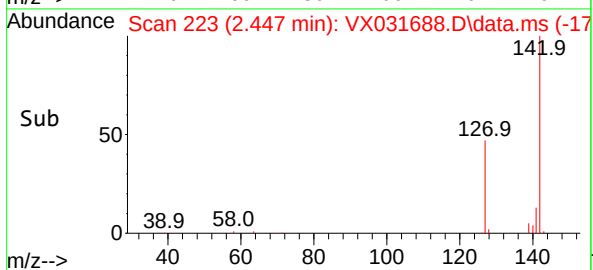
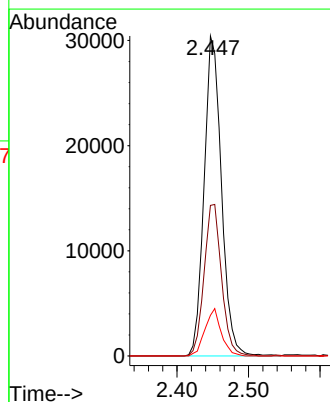
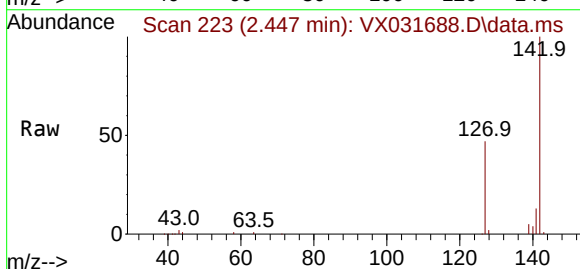
Manual Integrations
APPROVED

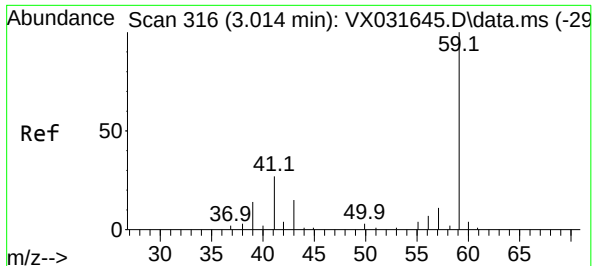
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#10
Methyl Iodide
Concen: 51.620 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion:142 Resp: 51313
Ion Ratio Lower Upper
142 100
127 47.6 37.4 56.0
141 13.9 11.6 17.4





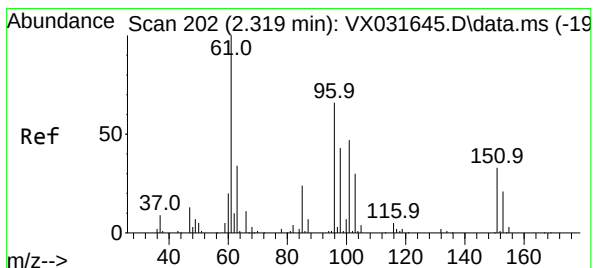
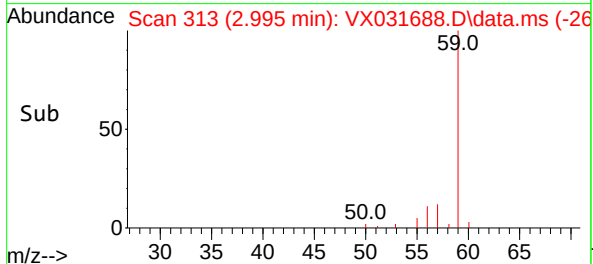
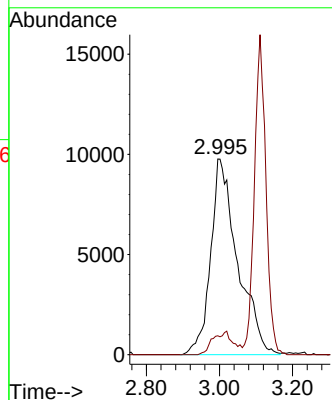
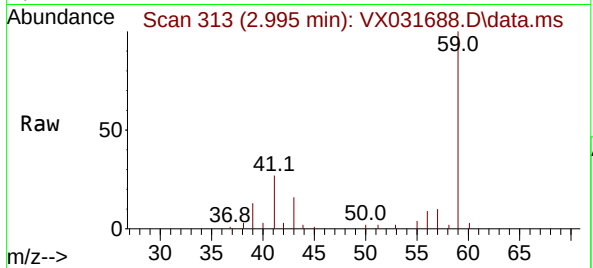
#11
Tert butyl alcohol
Concen: 240.156 ug/l
RT: 2.995 min Scan# 316
Delta R.T. 0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5018
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

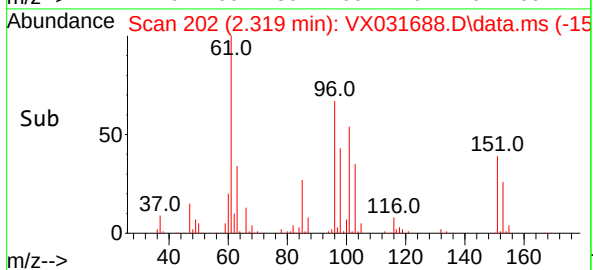
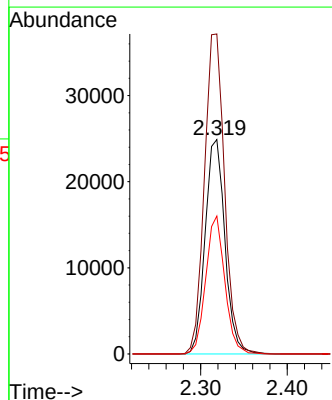
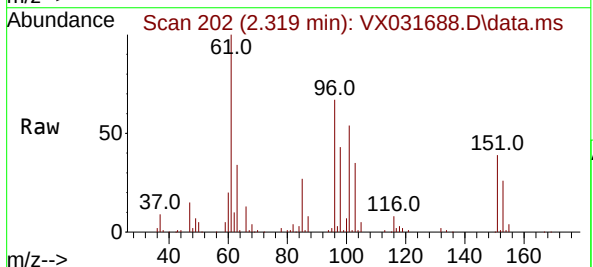
Manual Integrations
APPROVED

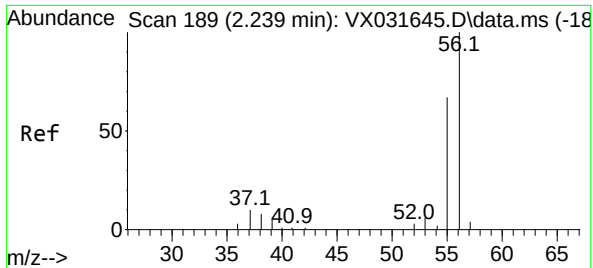
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
1,1-Dichloroethene
Concen: 50.706 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

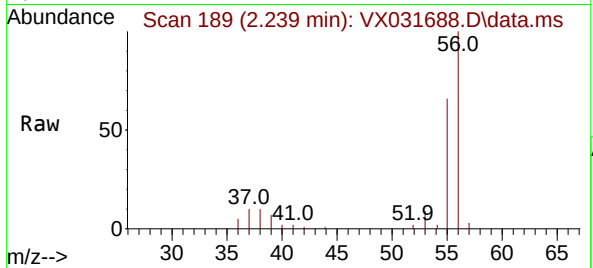
Tgt Ion: 96 Resp: 39460
Ion Ratio Lower Upper
96 100
61 149.3 135.3 202.9
98 64.3 49.4 74.2





#13
Acrolein
Concen: 239.858 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

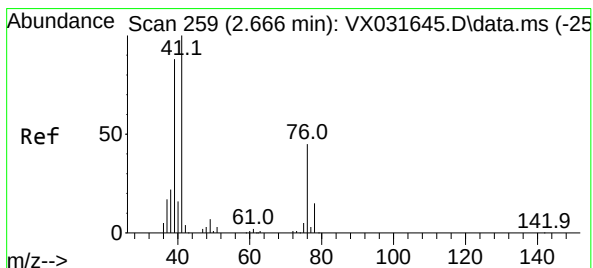
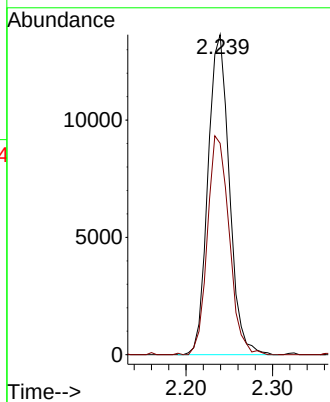
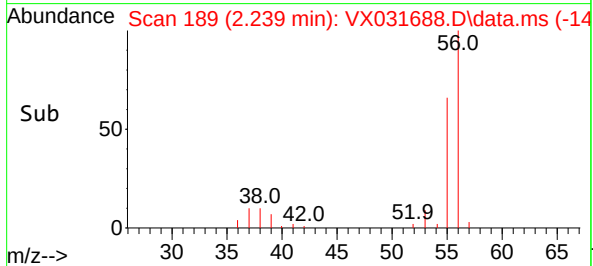
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 23312
Ion Ratio Lower Upper
56 100
55 69.9 56.0 84.0

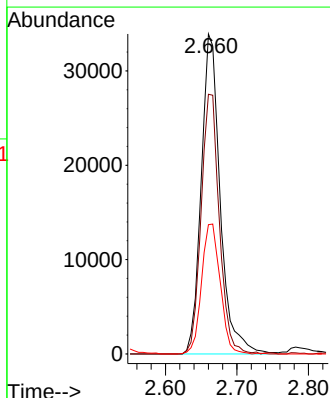
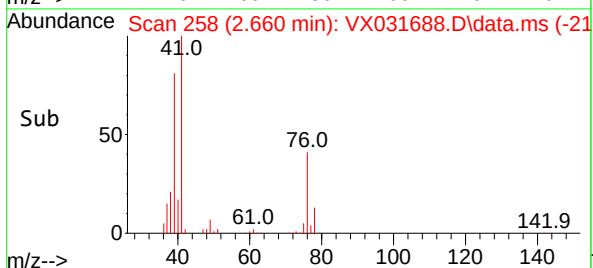
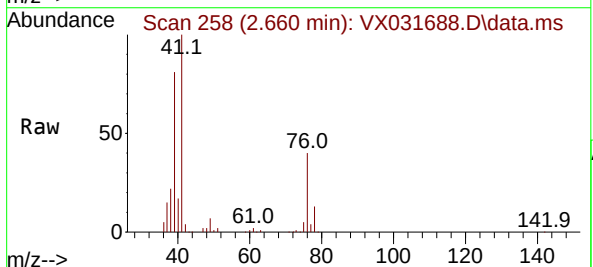
Manual Integrations
APPROVED

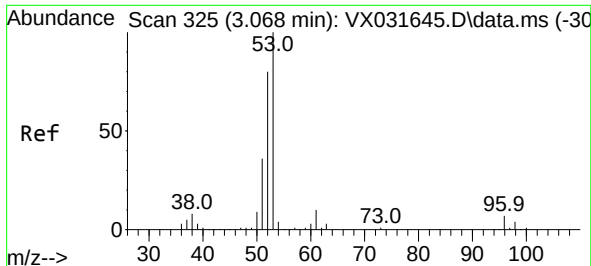
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Allyl chloride
Concen: 46.979 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion: 41 Resp: 62684
Ion Ratio Lower Upper
41 100
39 77.7 58.2 87.4
76 39.7 26.9 40.3





#15

Acrylonitrile

Concen: 229.277 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.001 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

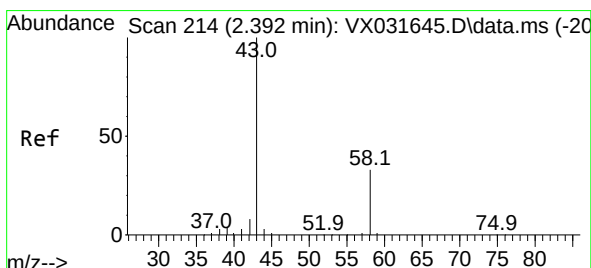
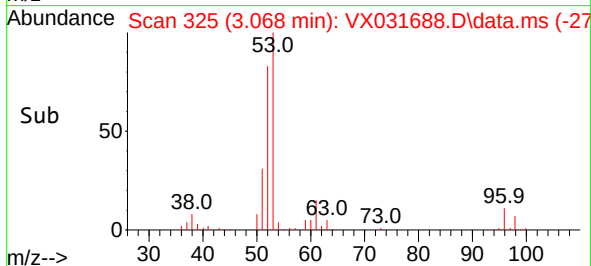
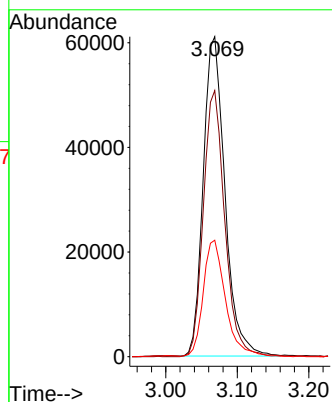
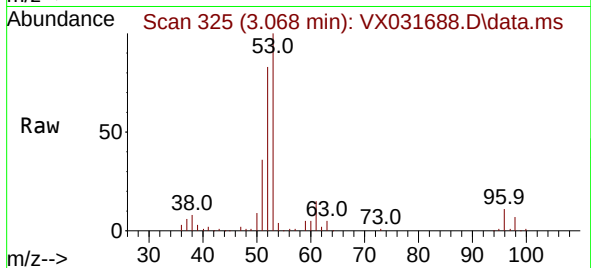
Tgt Ion:	53	Resp:	128840
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.9	100.3
51	37.5	30.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#16

Acetone

Concen: 285.168 ug/l

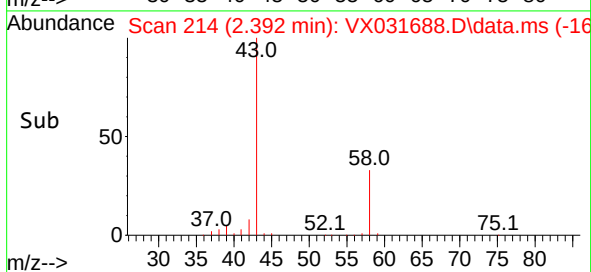
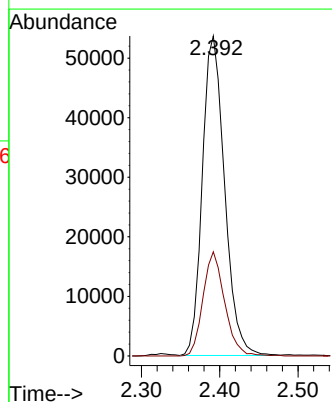
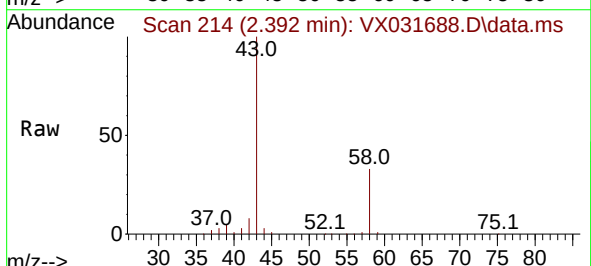
RT: 2.392 min Scan# 214

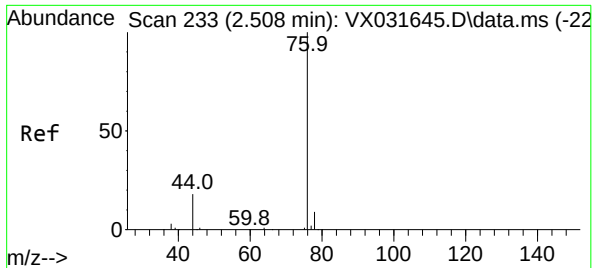
Delta R.T. 0.006 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

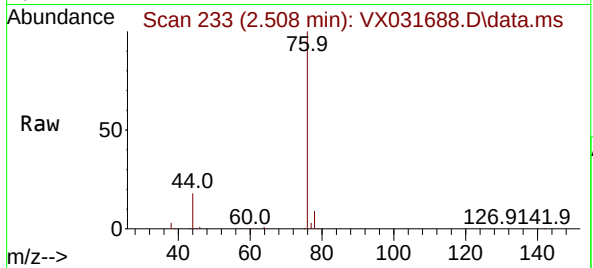
Tgt Ion:	43	Resp:	105914
Ion	Ratio	Lower	Upper
43	100		
58	32.6	23.8	35.8





#17
Carbon Disulfide
Concen: 48.461 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

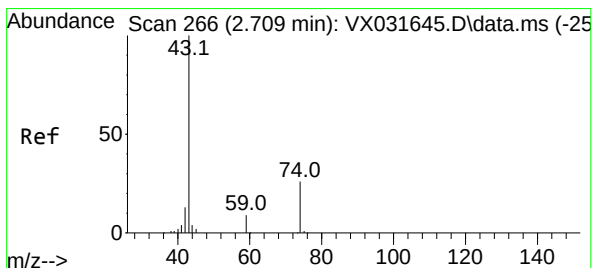
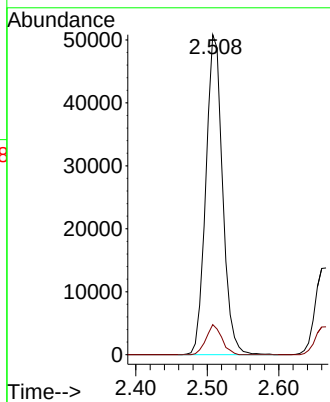
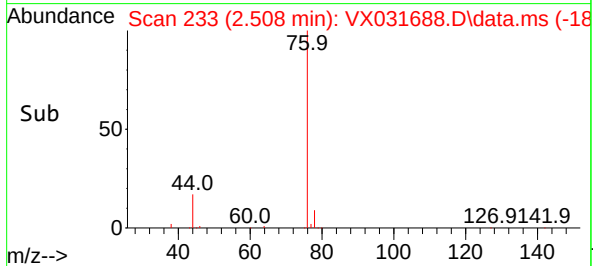
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 82478
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

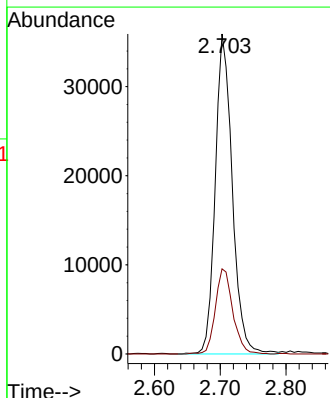
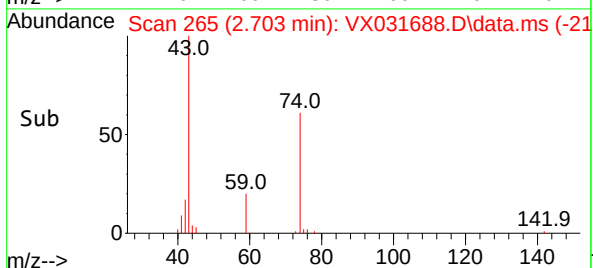
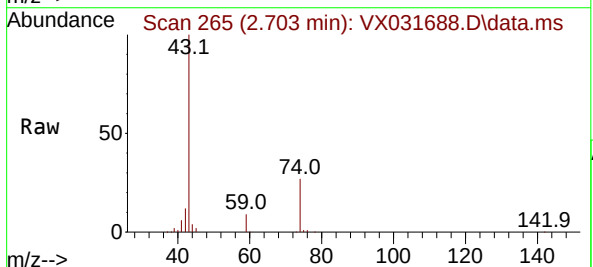
Manual Integrations
APPROVED

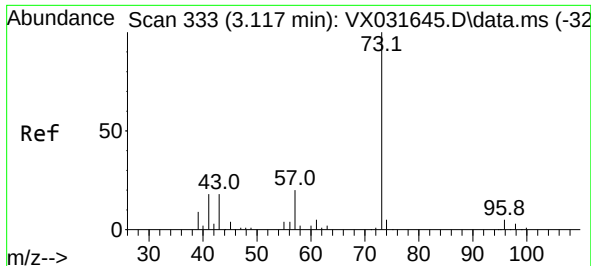
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#18
Methyl Acetate
Concen: 44.473 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion: 43 Resp: 64712
Ion Ratio Lower Upper
43 100
74 27.2 18.6 27.8





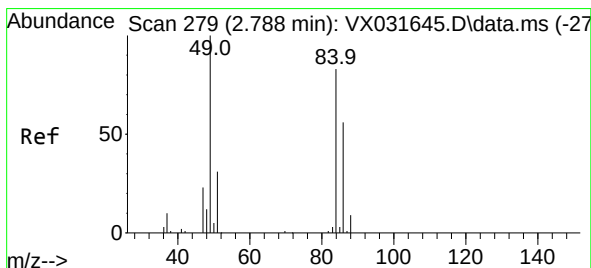
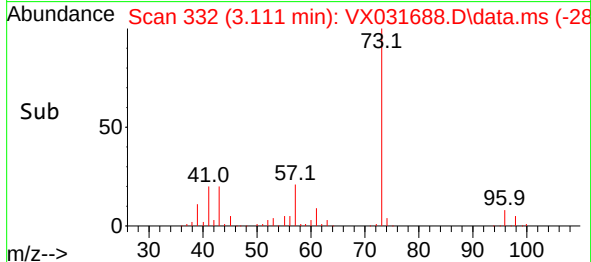
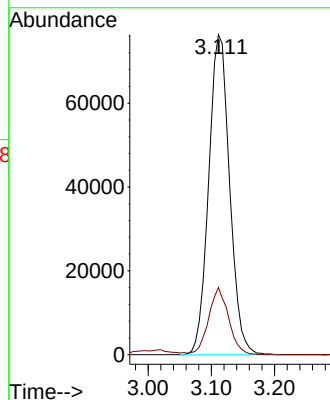
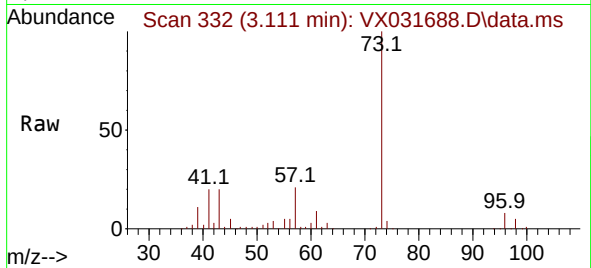
#19
Methyl tert-butyl Ether
Concen: 48.735 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 175518
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8

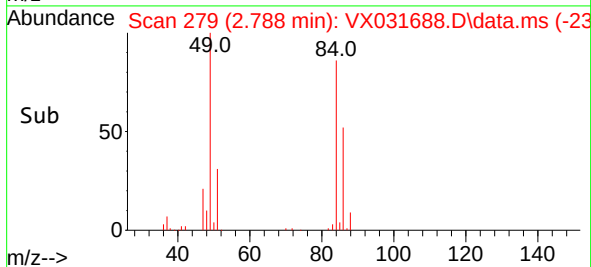
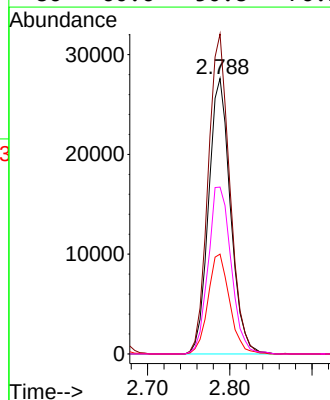
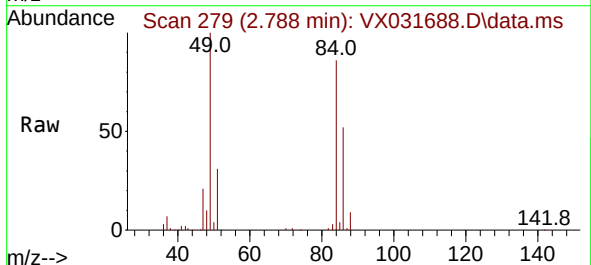
Manual Integrations
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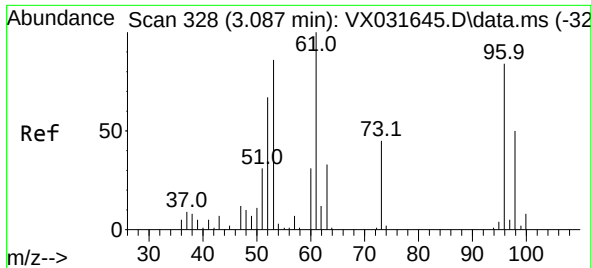
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 49.849 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion: 84 Resp: 51049
Ion Ratio Lower Upper
84 100
49 116.2 105.9 158.9
51 36.2 32.2 48.2
86 60.6 50.8 76.2





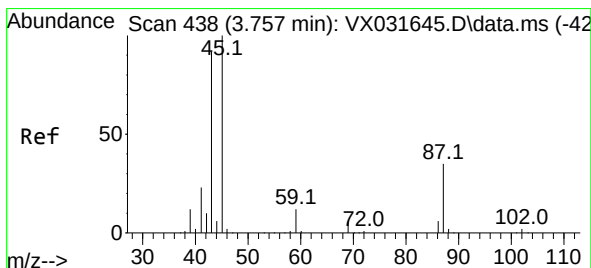
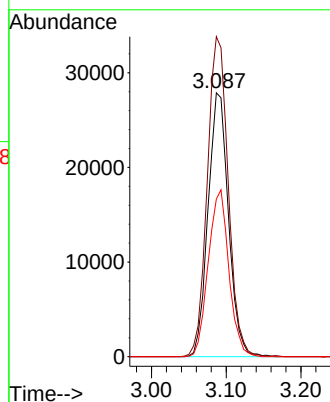
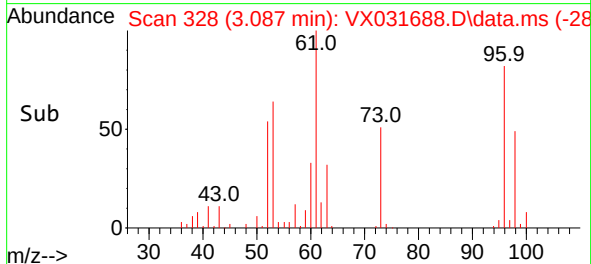
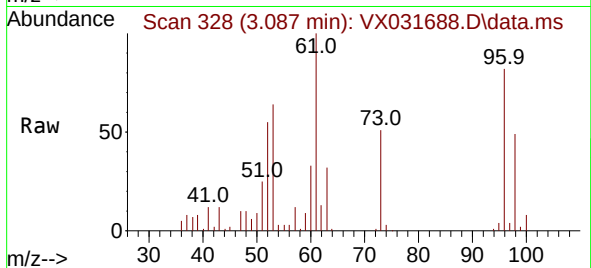
#21
trans-1,2-Dichloroethene
Concen: 47.176 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 5289
Ion Ratio Lower Upper
96 100
61 121.3 106.7 160.1
98 59.7 48.7 73.1

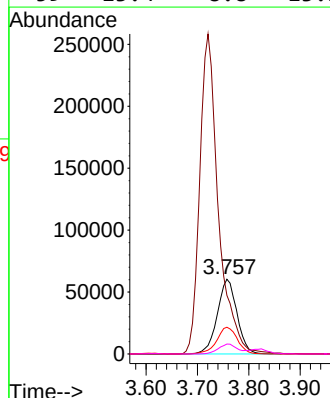
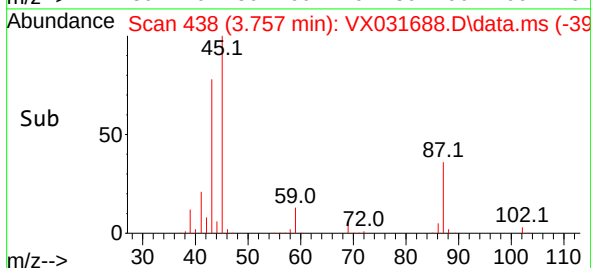
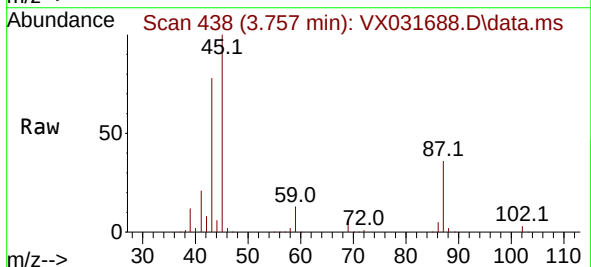
Manual Integrations
APPROVED

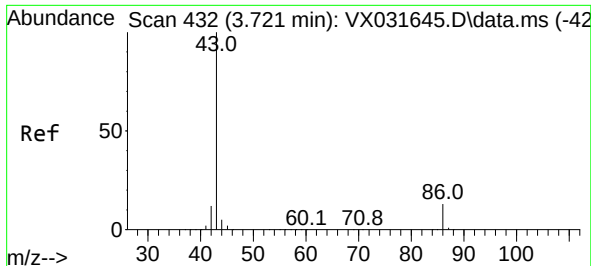
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#22
Diisopropyl ether
Concen: 46.741 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

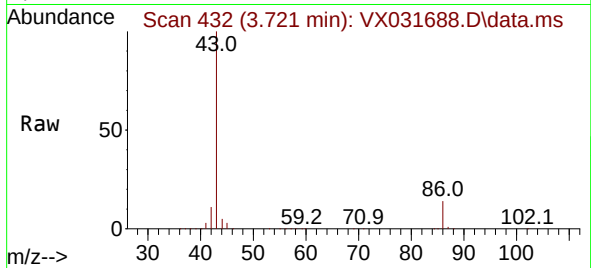
Tgt Ion: 45 Resp: 160509
Ion Ratio Lower Upper
45 100
43 78.3 59.0 88.6
87 35.8 22.6 33.8#
59 13.4 8.8 13.2#





#23
 Vinyl Acetate
 Concen: 240.328 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031688.D
 Acq: 27 Sep 2022 08:56

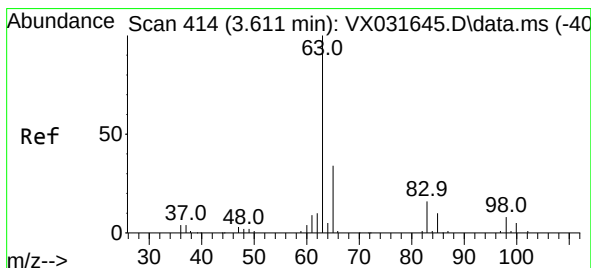
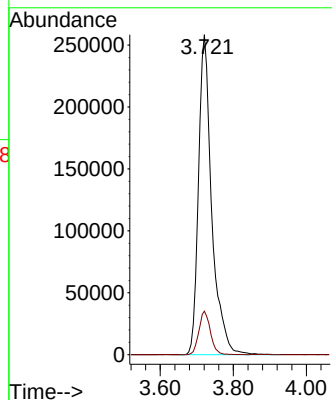
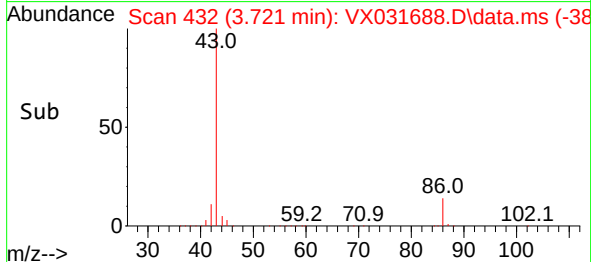
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



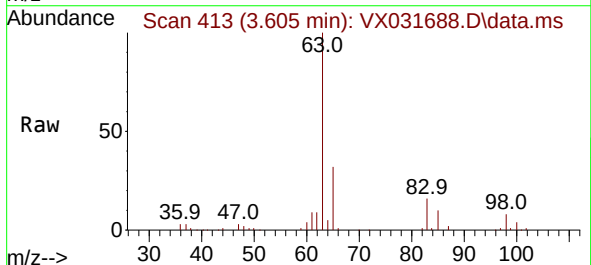
Tgt Ion: 43 Resp: 65269
 Ion Ratio Lower Upper
 43 100
 86 13.6 8.7 13.1

Manual Integrations
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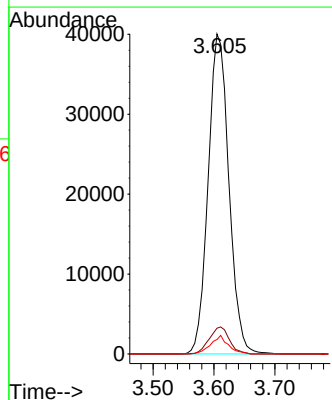
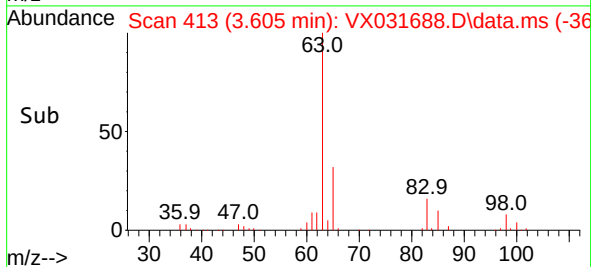
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

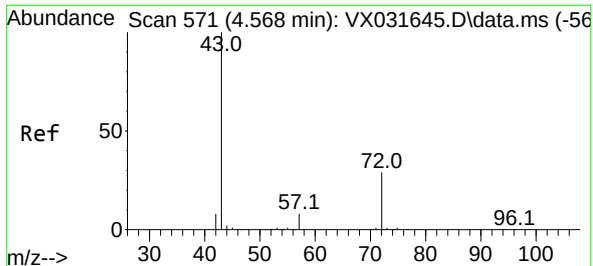


#24
 1,1-Dichloroethane
 Concen: 47.790 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031688.D
 Acq: 27 Sep 2022 08:56



Tgt Ion: 63 Resp: 94614
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 236.318 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 18265

Ion Ratio Lower Upper

43 100

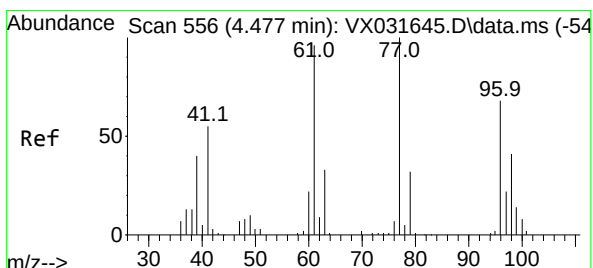
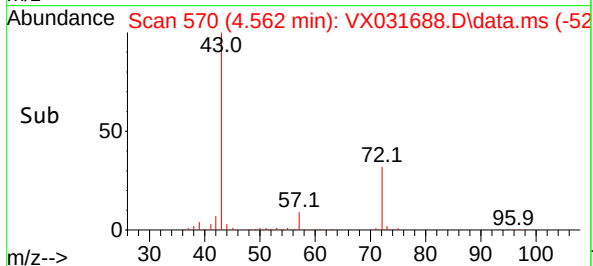
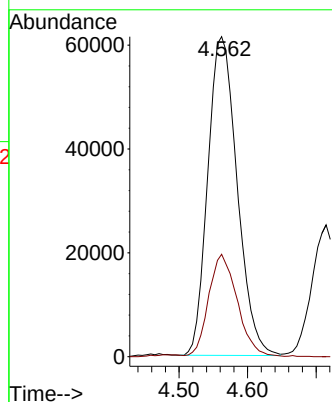
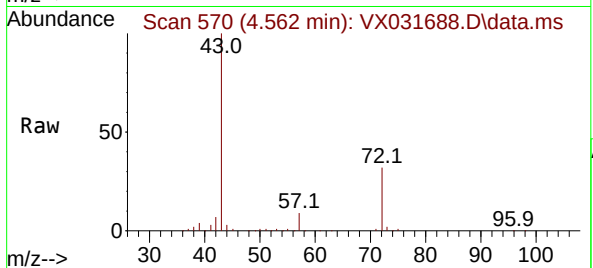
72 31.9 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#26

2,2-Dichloropropane

Concen: 53.497 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX031688.D

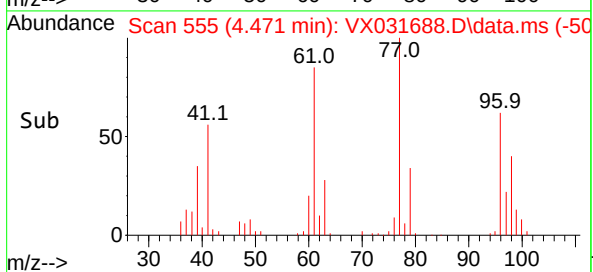
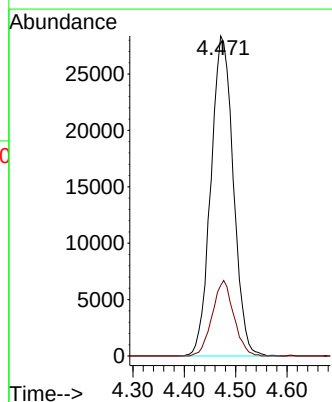
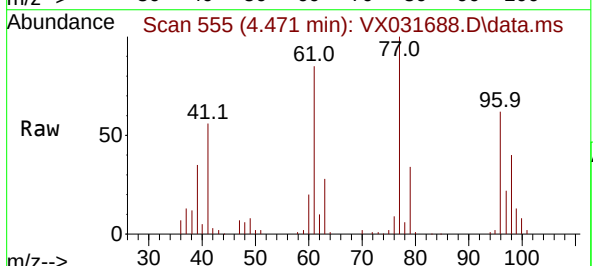
Acq: 27 Sep 2022 08:56

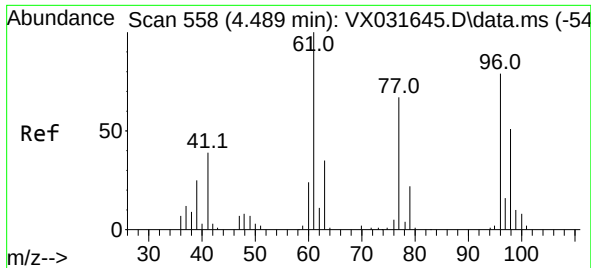
Tgt Ion: 77 Resp: 85964

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.015 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6730

Ion Ratio Lower Upper

96 100

61 132.3 0.0 305.2

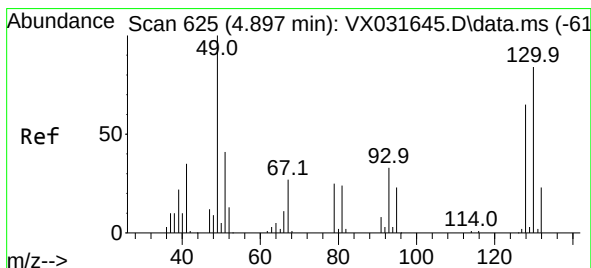
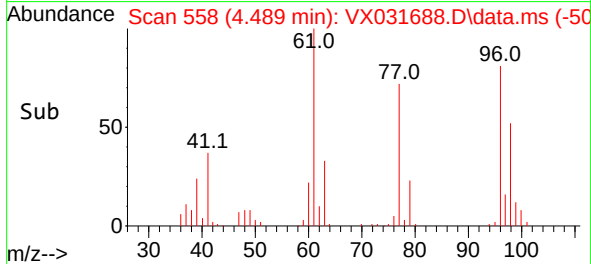
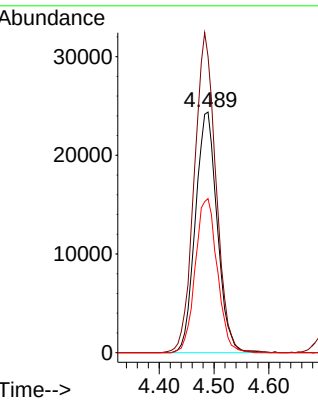
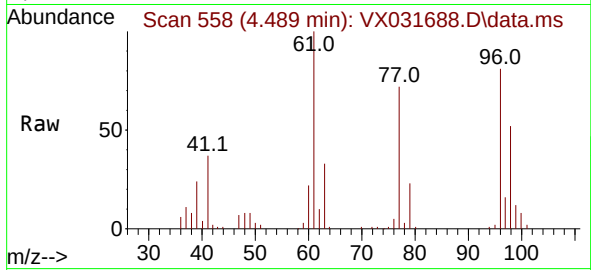
98 64.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#28

Bromochloromethane

Concen: 47.232 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

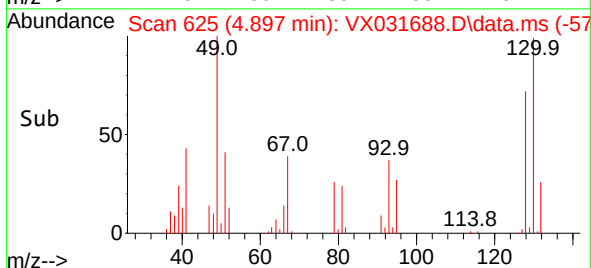
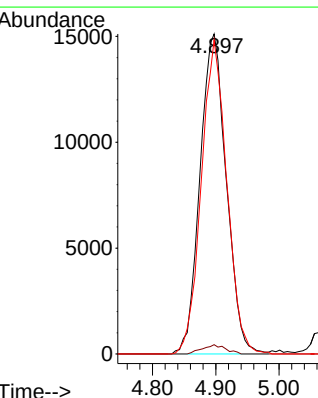
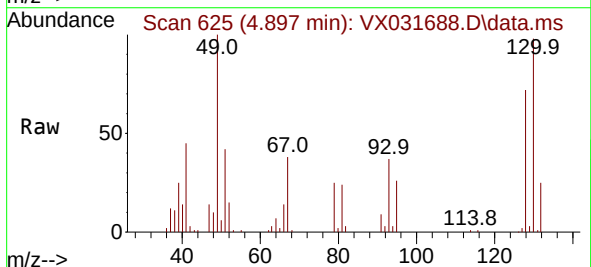
Tgt Ion: 49 Resp: 43743

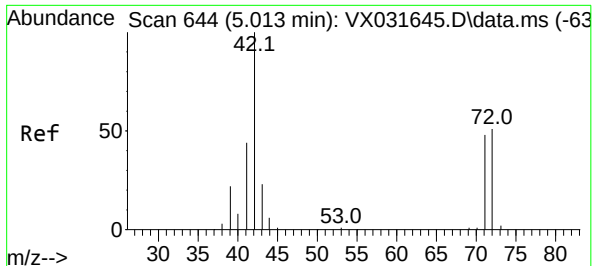
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.6

130 95.0 59.0 88.4





#29

Tetrahydrofuran

Concen: 229.787 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 11157

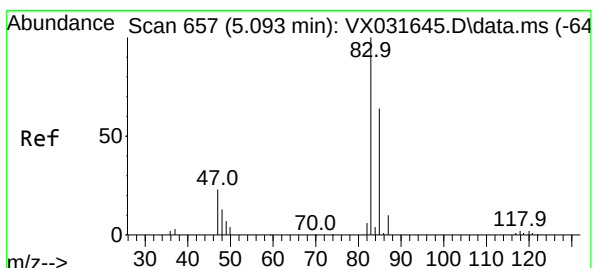
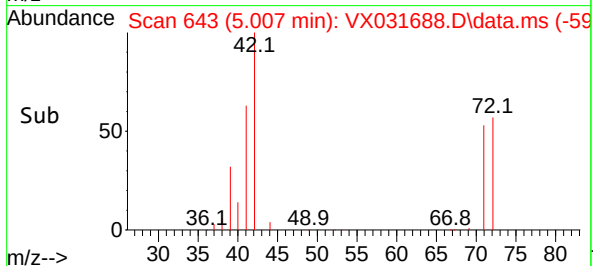
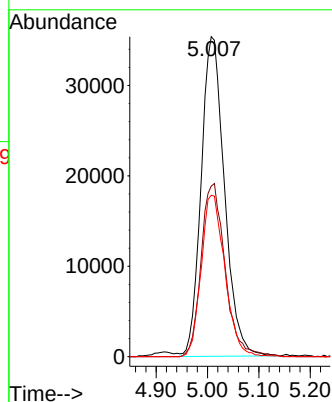
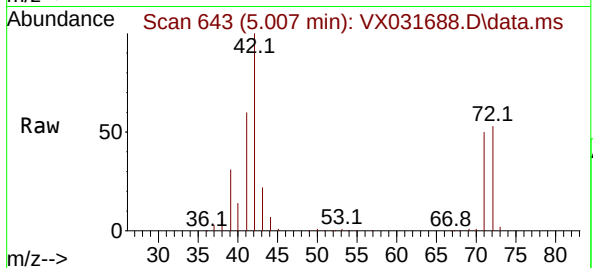
Ion	Ratio	Lower	Upper
42	100		
72	55.8	36.4	54.6
71	51.4	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#30

Chloroform

Concen: 48.814 ug/l

RT: 5.093 min Scan# 657

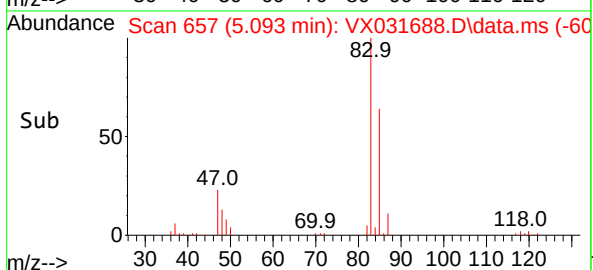
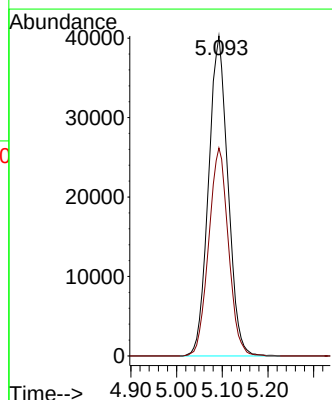
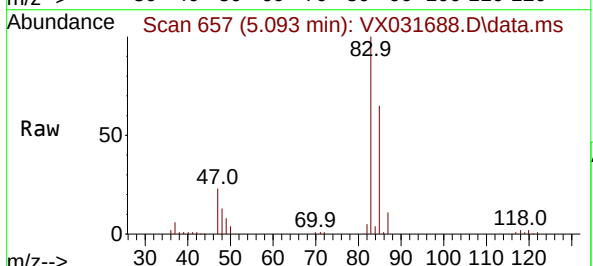
Delta R.T. -0.006 min

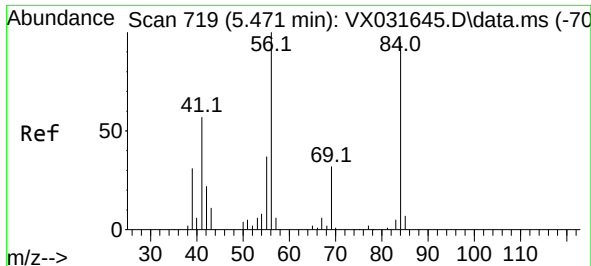
Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Tgt Ion: 83 Resp: 118888

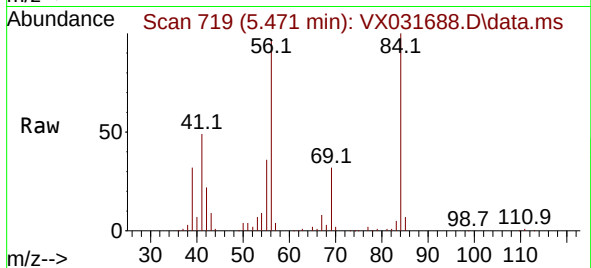
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.8	79.2





#31
Cyclohexane
Concen: 49.803 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

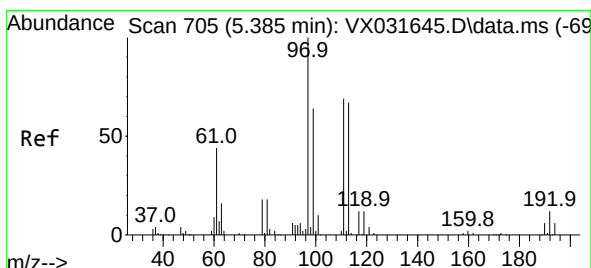
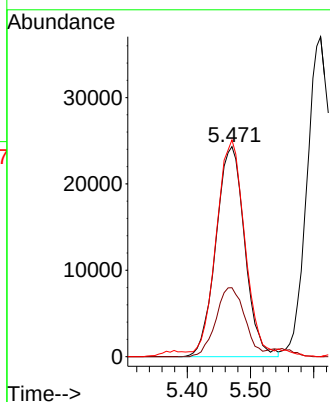
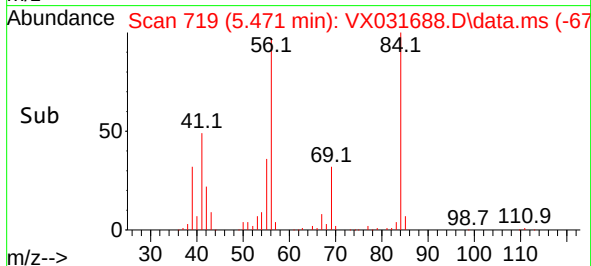
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



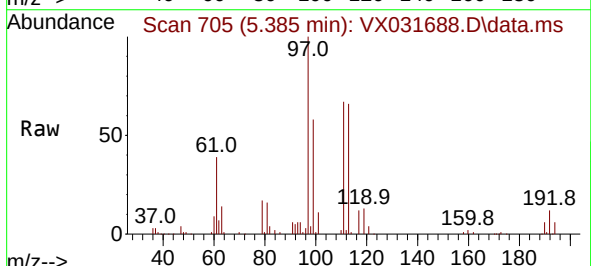
Tgt Ion: 56 Resp: 7667
Ion Ratio Lower Upper
56 100
69 32.8 25.1 37.7
84 100.9 70.2 105.4

Manual Integrations
APPROVED

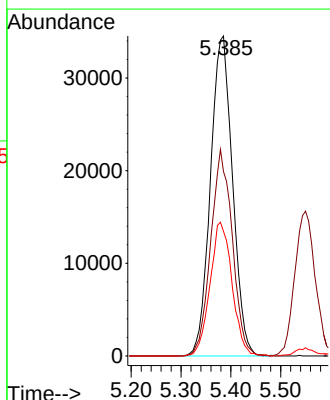
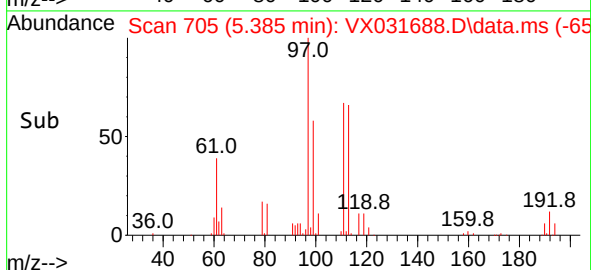
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

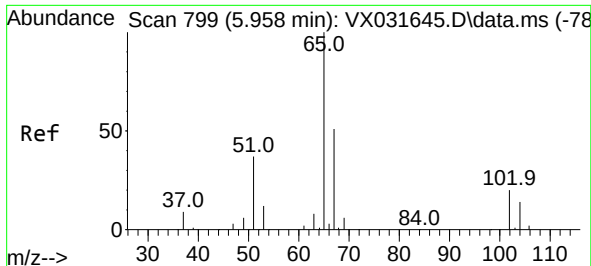


#32
1,1,1-Trichloroethane
Concen: 52.678 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



Tgt Ion: 97 Resp: 106262
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 41.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 47.705 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 77240

Ion Ratio Lower Upper

65 100

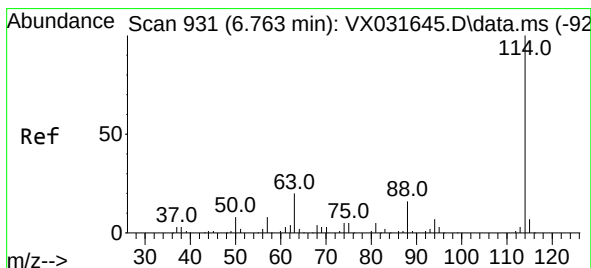
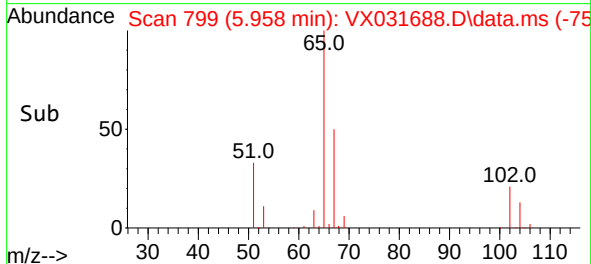
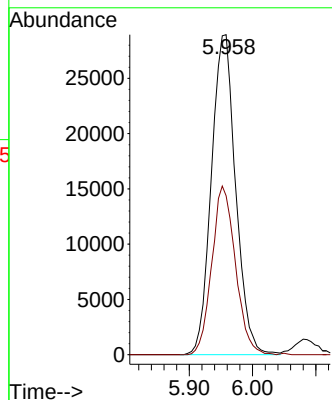
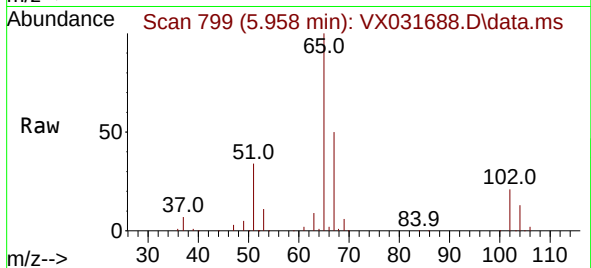
67 51.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

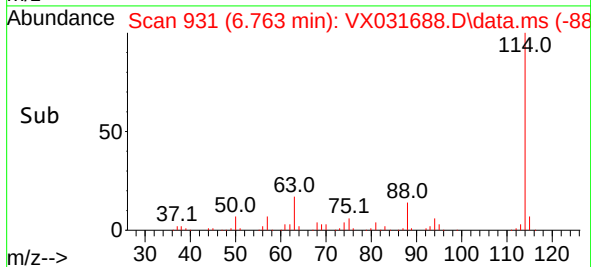
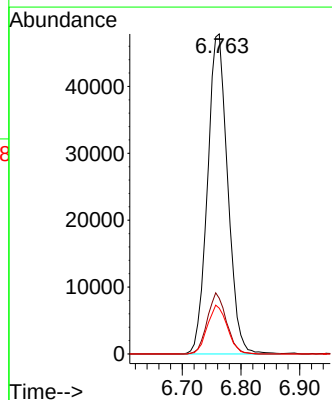
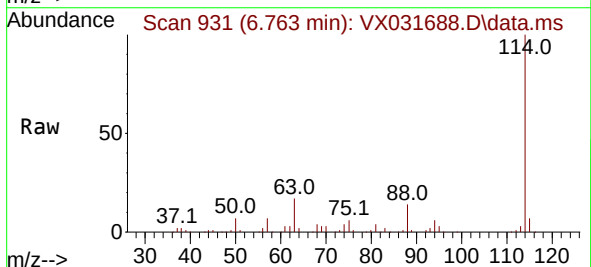
Tgt Ion:114 Resp: 114042

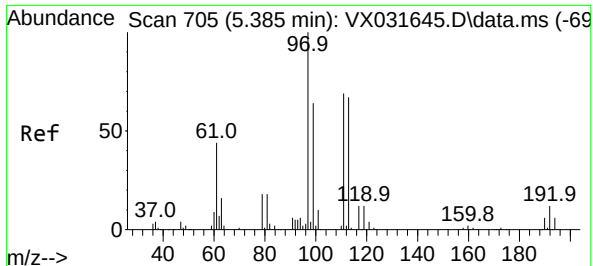
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.6

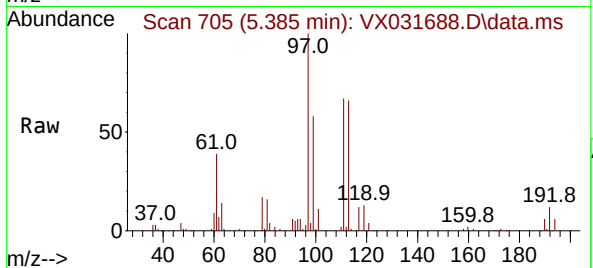
88 14.3 0.0 33.0





#35
Dibromofluoromethane
Concen: 48.594 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

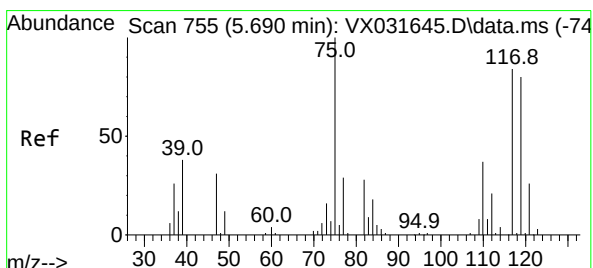
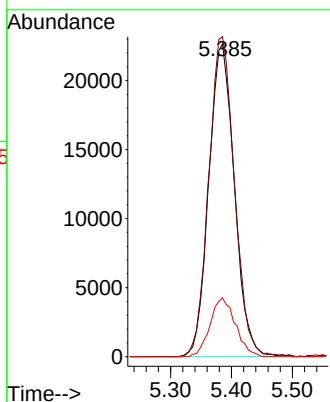
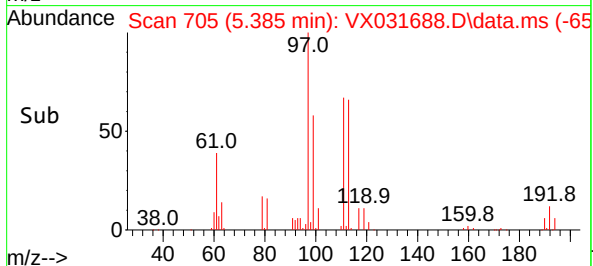
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 6603
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.6 14.1 21.1

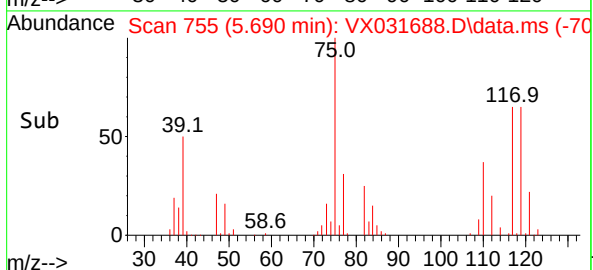
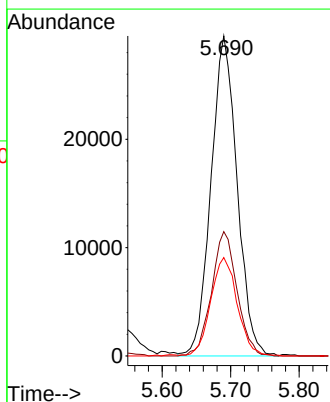
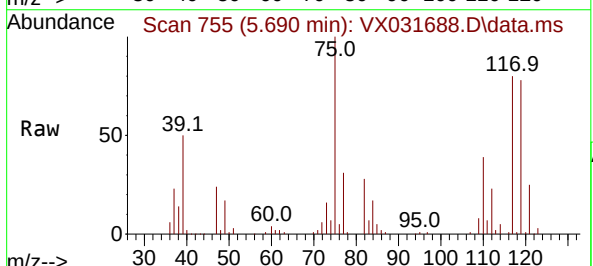
Manual Integrations
APPROVED

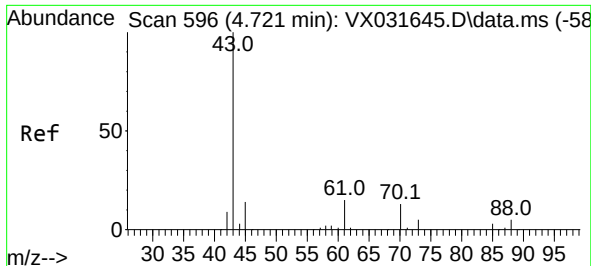
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#36
1,1-Dichloropropene
Concen: 50.031 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion: 75 Resp: 78075
Ion Ratio Lower Upper
75 100
110 37.9 17.5 52.5
77 31.4 24.9 37.3





#37

Ethyl Acetate

Concen: 45.952 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

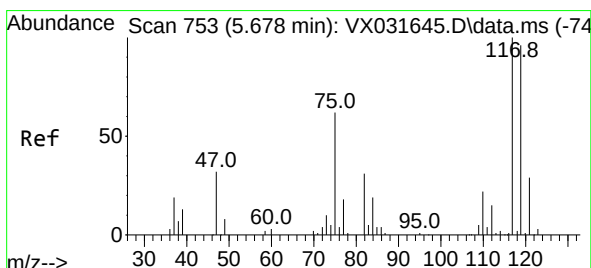
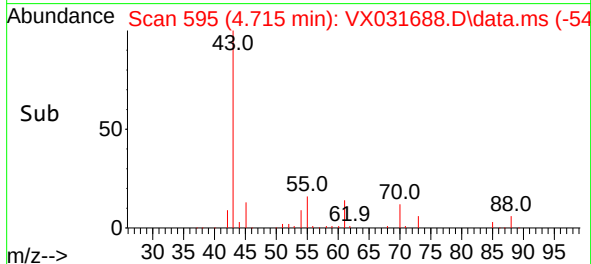
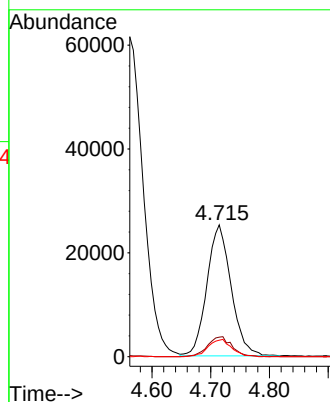
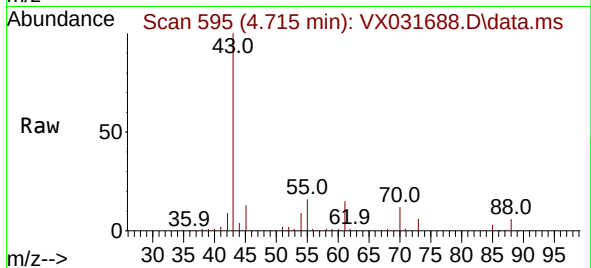
Tgt Ion: 43	Resp: 72330
Ion Ratio	Lower Upper
43 100	
61 15.4	11.1 16.7
70 12.8	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#38

Carbon Tetrachloride

Concen: 52.652 ug/l

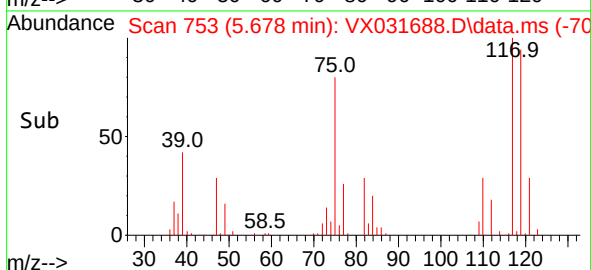
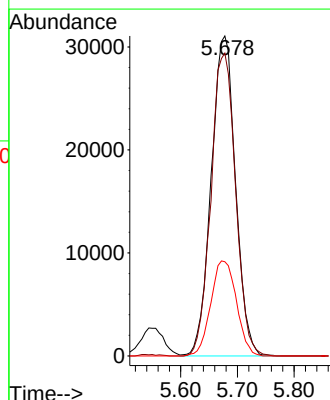
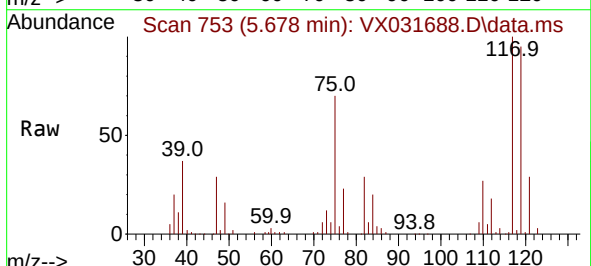
RT: 5.678 min Scan# 753

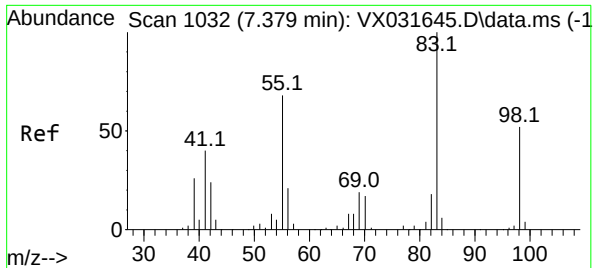
Delta R.T. -0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Tgt Ion: 117	Resp: 92598
Ion Ratio	Lower Upper
117 100	
119 94.6	74.6 112.0
121 29.4	25.3 37.9





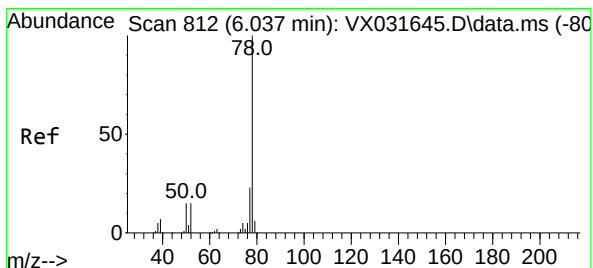
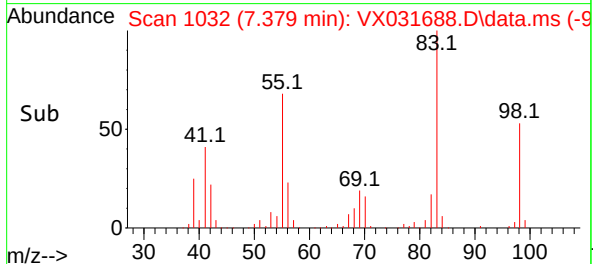
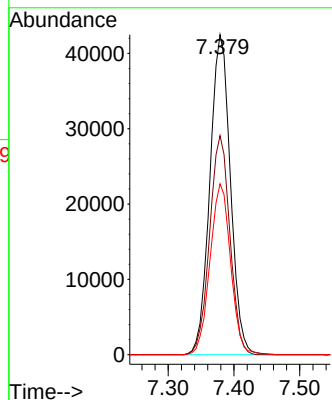
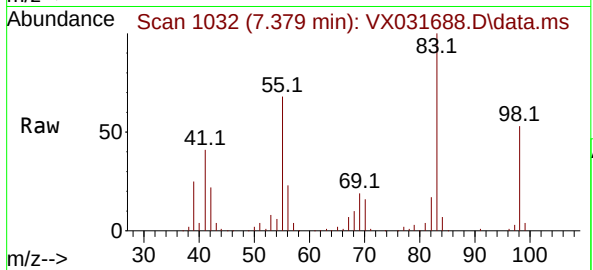
#39
Methylcyclohexane
Concen: 51.966 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 92390
Ion Ratio Lower Upper
83 100
55 68.4 61.0 91.4
98 53.4 37.7 56.5

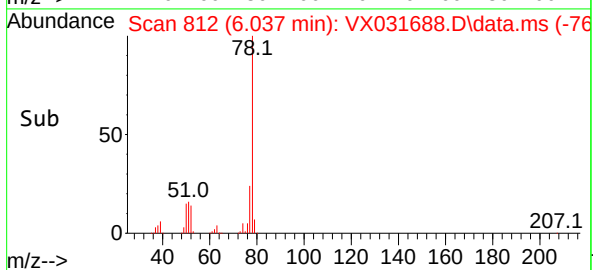
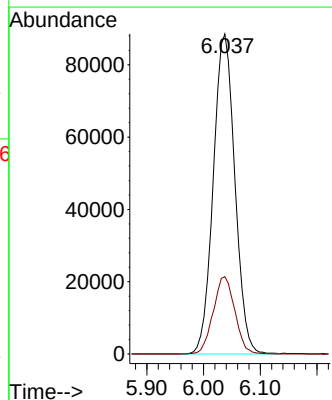
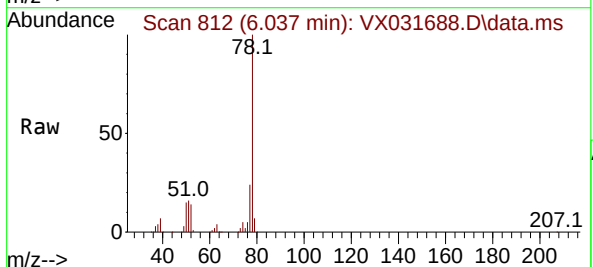
Manual Integrations
APPROVED

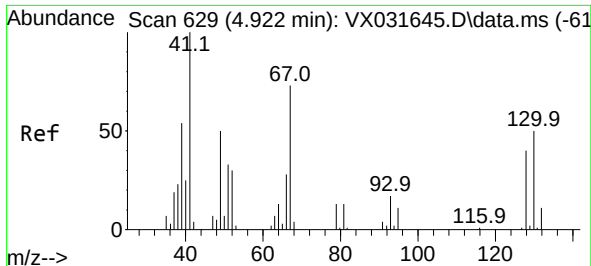
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Benzene
Concen: 48.770 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion: 78 Resp: 233750
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1





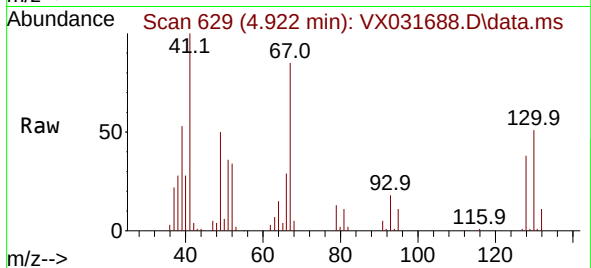
#41
Methacrylonitrile
Concen: 48.480 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



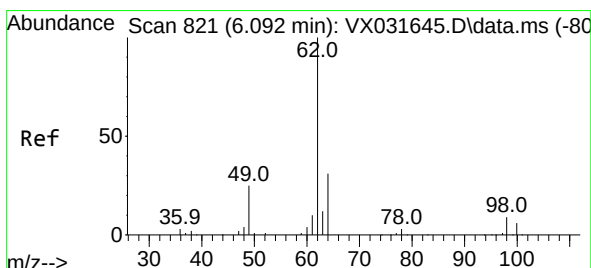
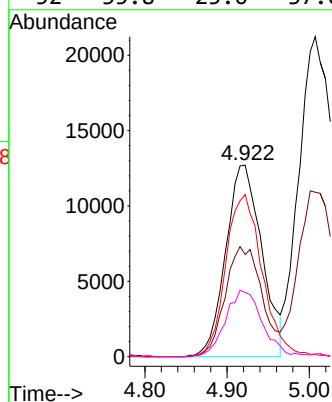
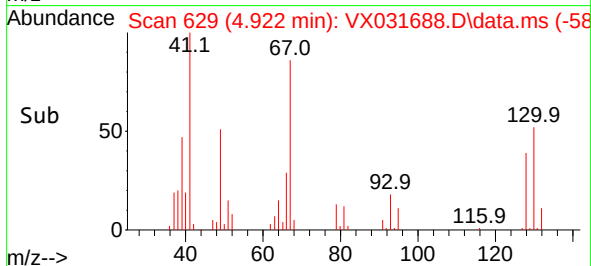
Tgt Ion: 41 Resp: 38829
Ion Ratio Lower Upper
41 100
39 59.0 45.0 67.6
67 85.5 58.2 87.4
52 35.8 25.0 37.6

Manual Integrations

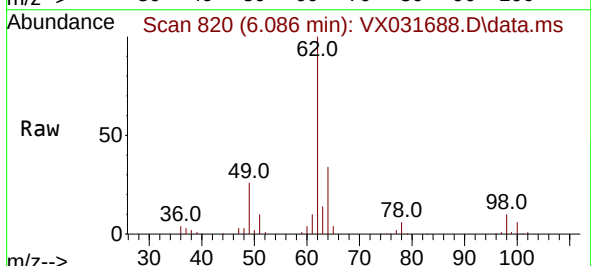
APPROVED

Reviewed By :John Carlone 09/28/2022

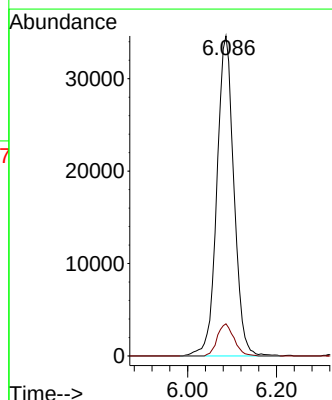
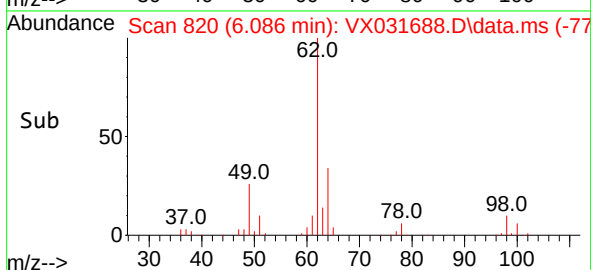
Supervised By :Mahesh Dadoda 09/28/2022

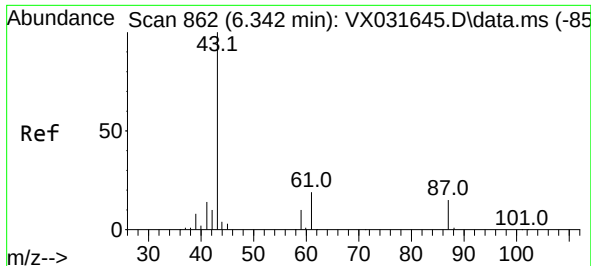


#42
1,2-Dichloroethane
Concen: 49.622 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



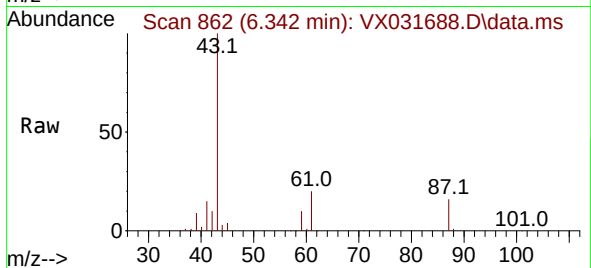
Tgt Ion: 62 Resp: 91981
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 47.880 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

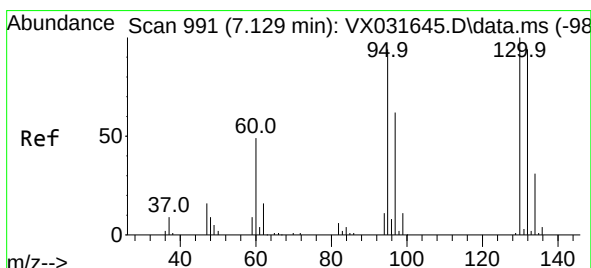
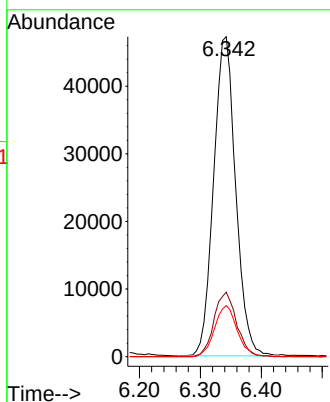
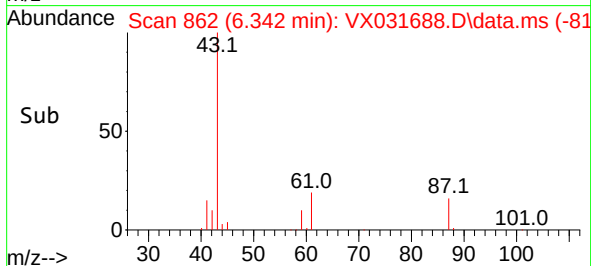
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 118610
Ion Ratio Lower Upper
43 100
61 20.7 15.3 22.9
87 16.4 10.6 15.8

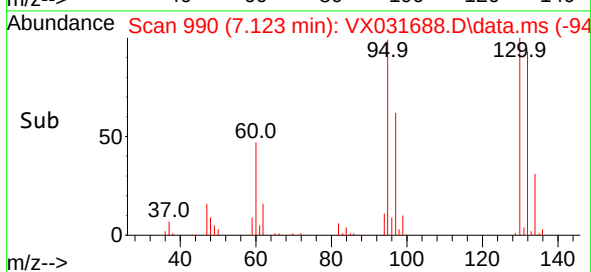
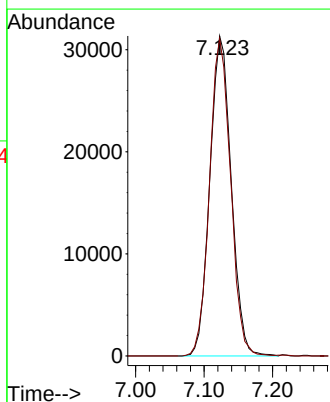
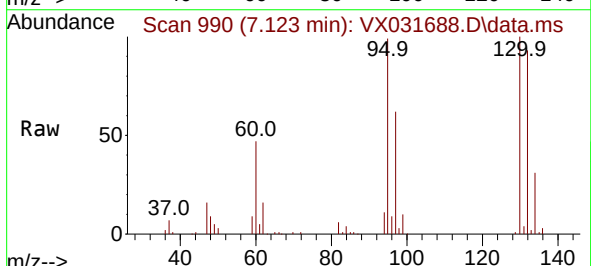
Manual Integrations
APPROVED

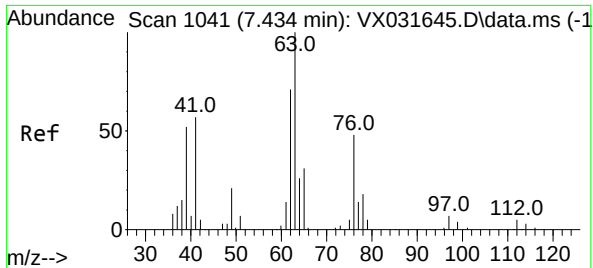
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#44
Trichloroethene
Concen: 50.123 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion:130 Resp: 67854
Ion Ratio Lower Upper
130 100
95 99.2 0.0 206.8





#45

1,2-Dichloropropane

Concen: 50.139 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5832

Ion Ratio Lower Upper

63 100

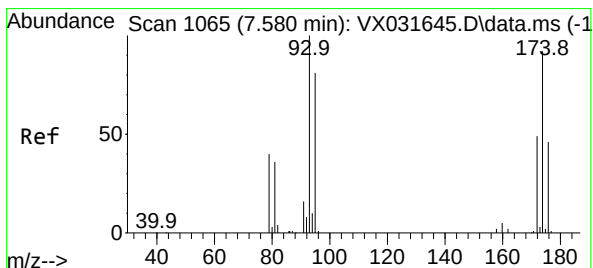
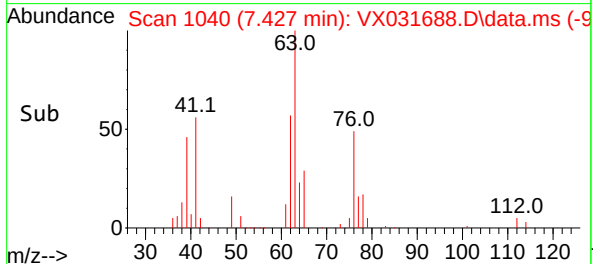
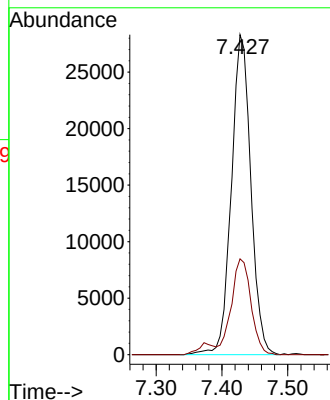
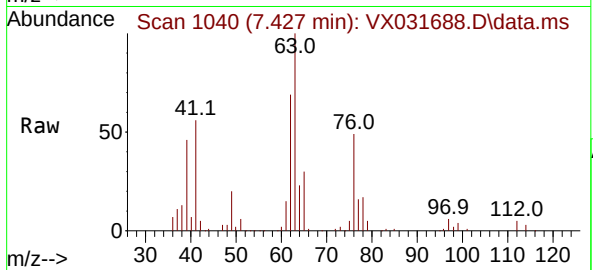
65 30.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#46

Dibromomethane

Concen: 50.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

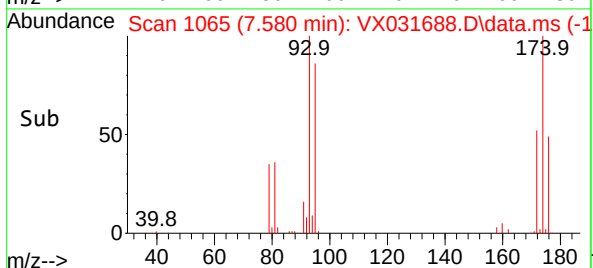
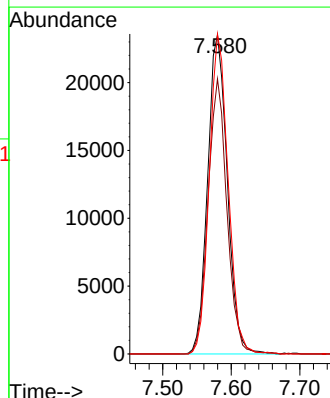
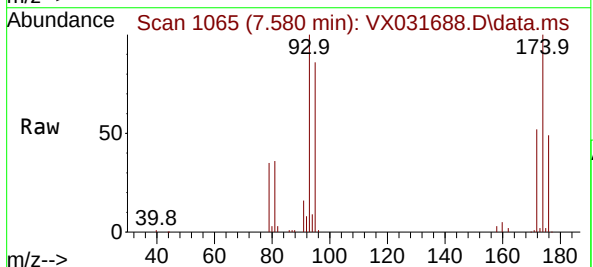
Tgt Ion: 93 Resp: 46901

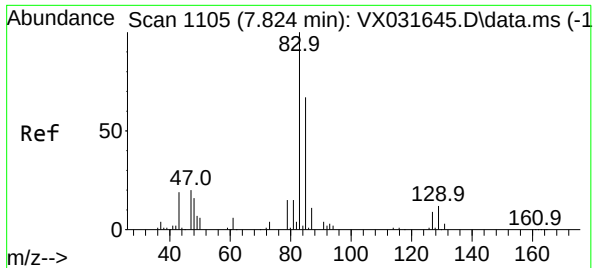
Ion Ratio Lower Upper

93 100

95 83.1 65.5 98.3

174 96.5 67.6 101.4





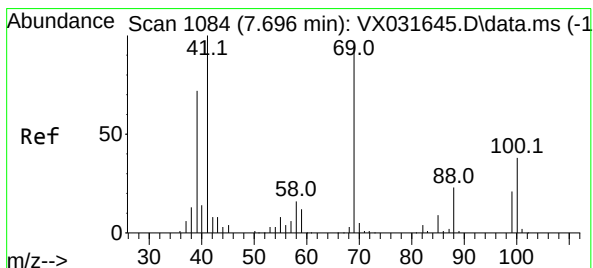
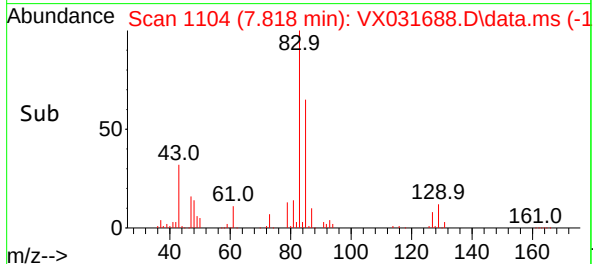
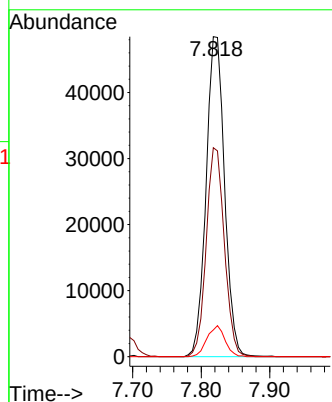
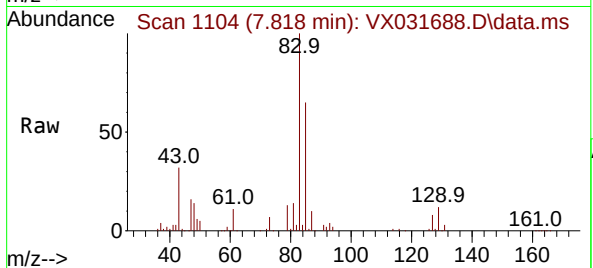
#47
Bromodichloromethane
Concen: 53.913 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9088
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6
127 8.4 7.0 10.6

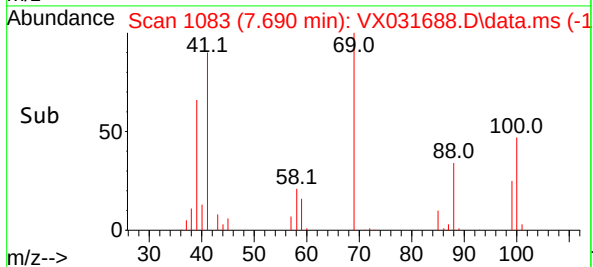
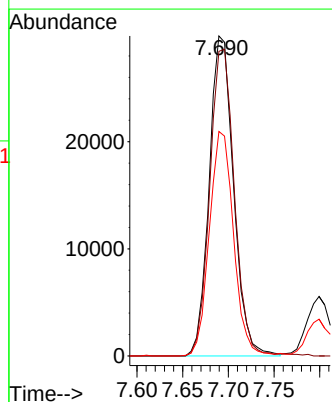
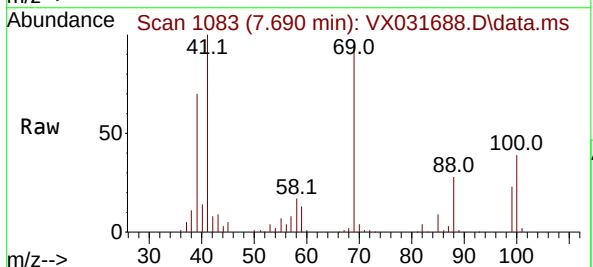
Manual Integrations
APPROVED

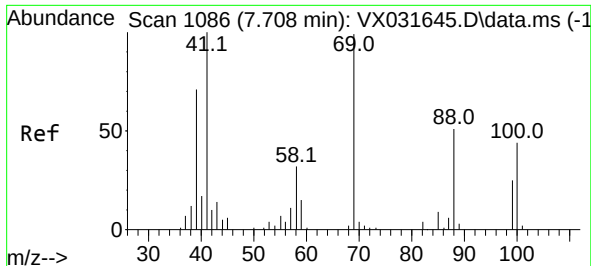
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#48
Methyl methacrylate
Concen: 50.745 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion: 41 Resp: 55287
Ion Ratio Lower Upper
41 100
69 97.4 64.6 96.8
39 69.8 51.4 77.0





#49

1,4-Dioxane

Concen: 1103.965 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

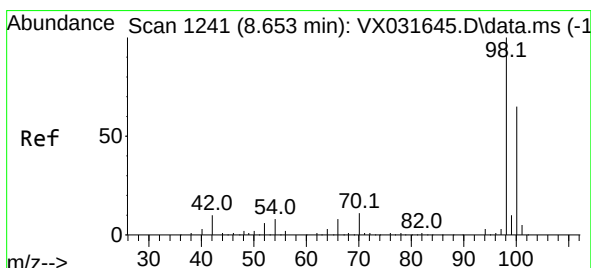
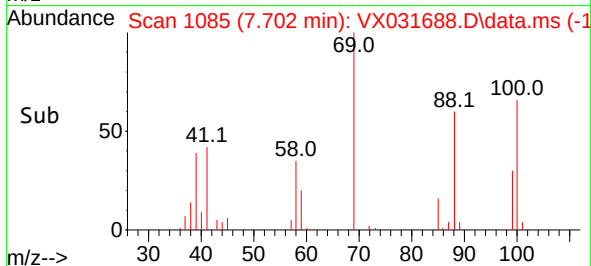
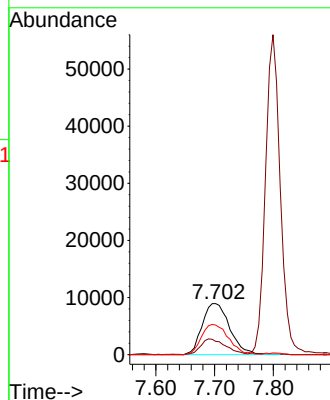
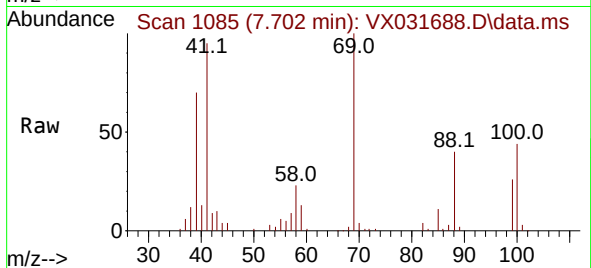
Tgt Ion:	88	Resp:	2914
Ion	Ratio	Lower	Upper
88	100		
43	28.1	27.1	40.7
58	58.1	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#50

Toluene-d8

Concen: 50.324 ug/l

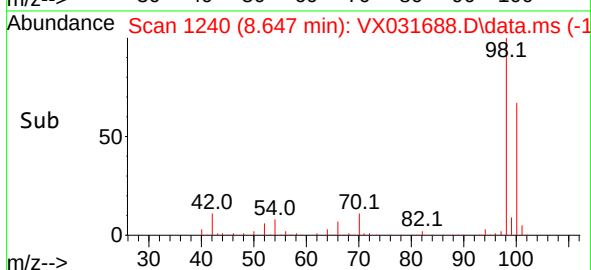
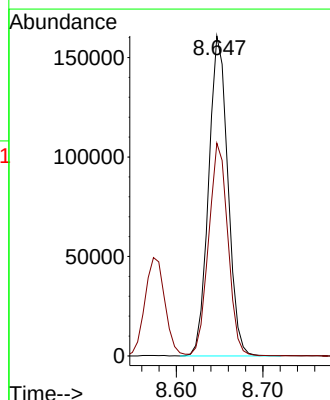
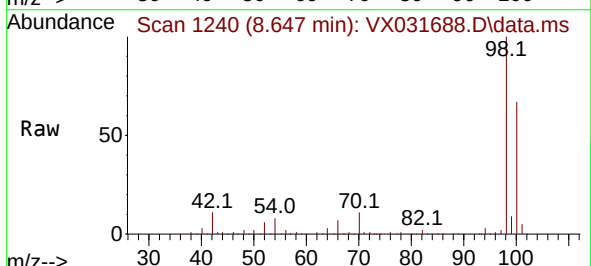
RT: 8.647 min Scan# 1240

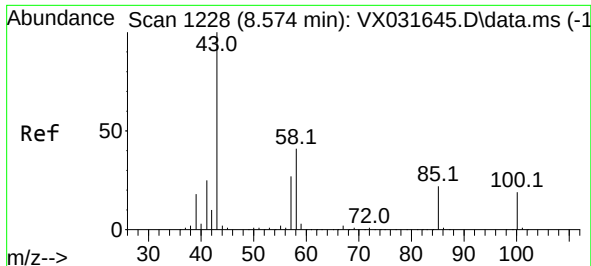
Delta R.T. -0.006 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Tgt Ion:	98	Resp:	247913
Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 244.812 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 38388

Ion Ratio Lower Upper

43 100

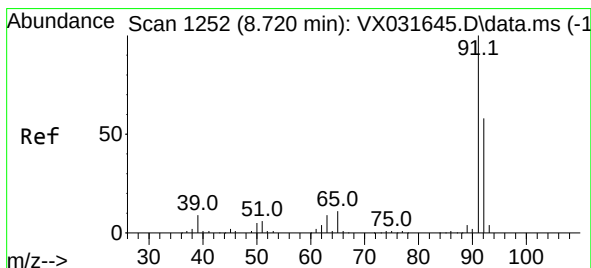
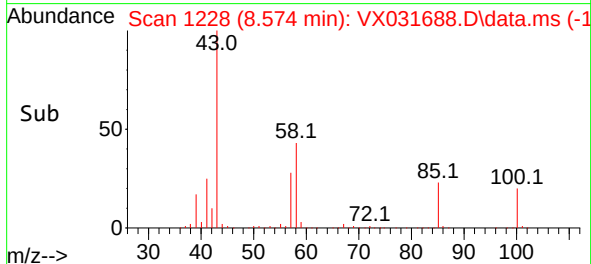
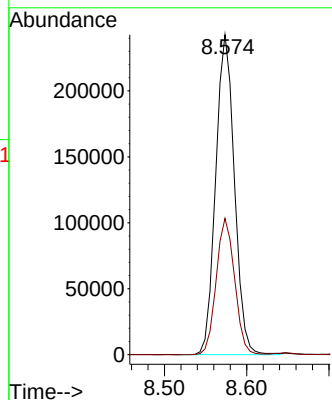
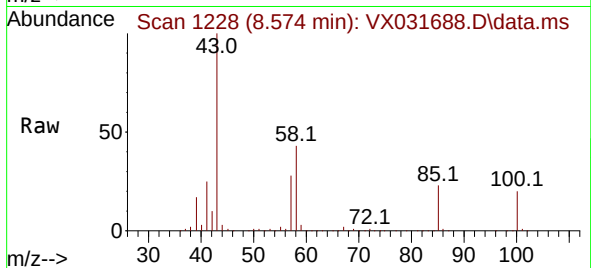
58 41.9 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#52

Toluene

Concen: 52.768 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031688.D

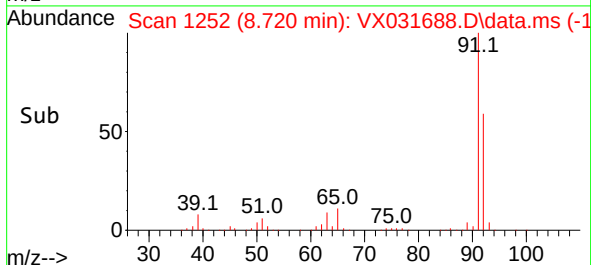
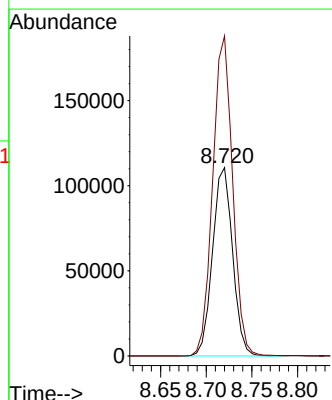
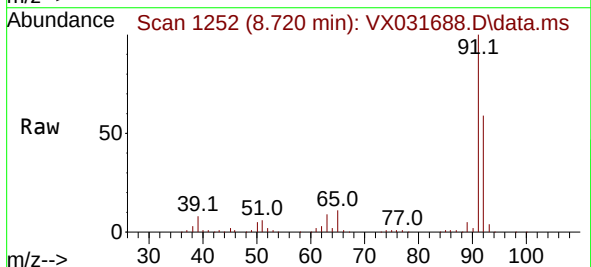
Acq: 27 Sep 2022 08:56

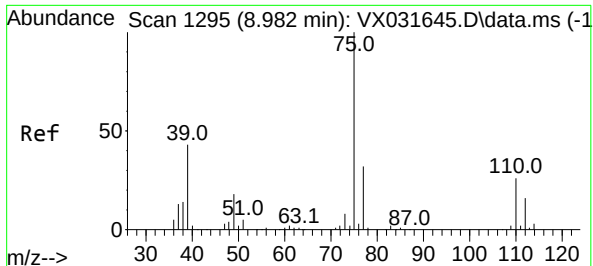
Tgt Ion: 92 Resp: 168584

Ion Ratio Lower Upper

92 100

91 169.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 48.097 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 93490

Ion Ratio Lower Upper

75 100

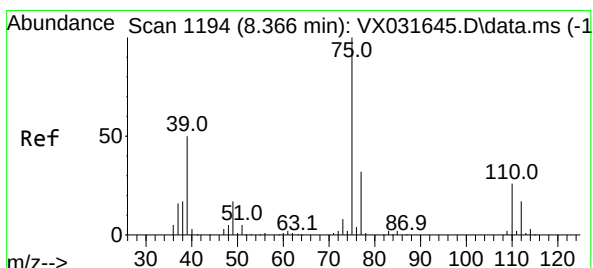
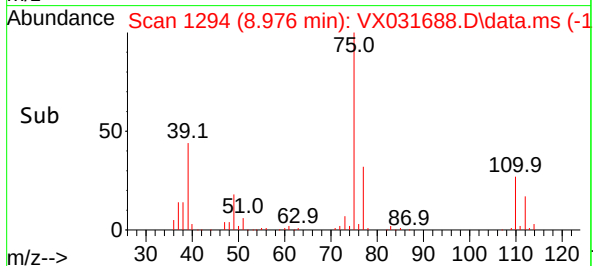
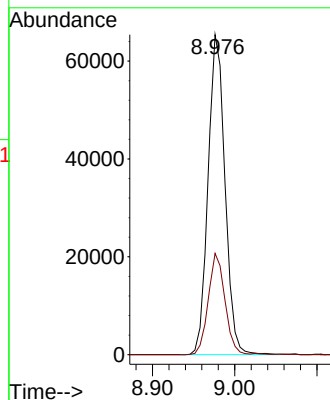
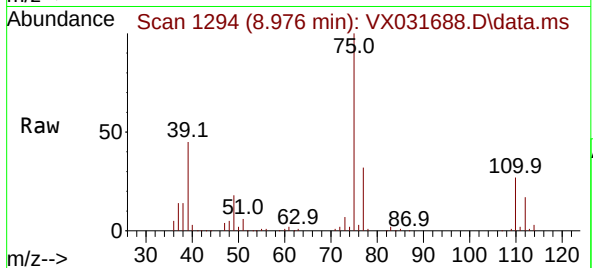
77 31.7 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#54

cis-1,3-Dichloropropene

Concen: 55.545 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

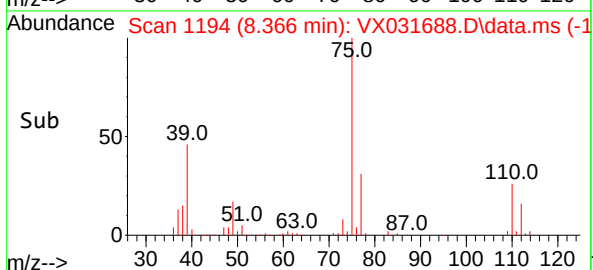
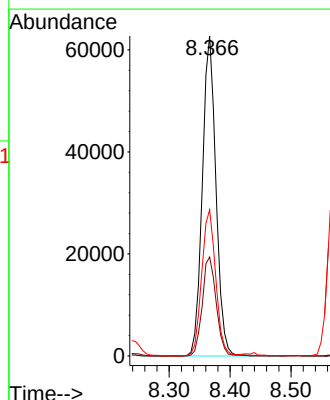
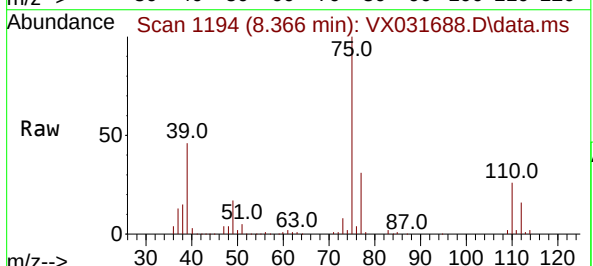
Tgt Ion: 75 Resp: 97307

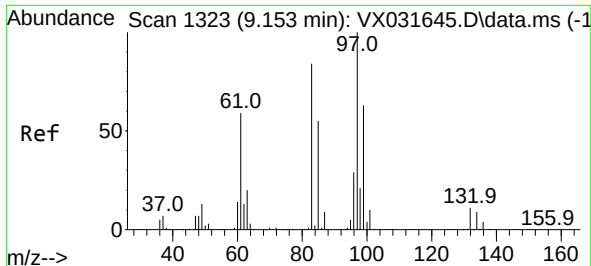
Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6

39 45.7 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 51.619 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 71000

Ion Ratio Lower Upper

97 100

83 80.4 69.0 103.6

85 53.3 44.1 66.1

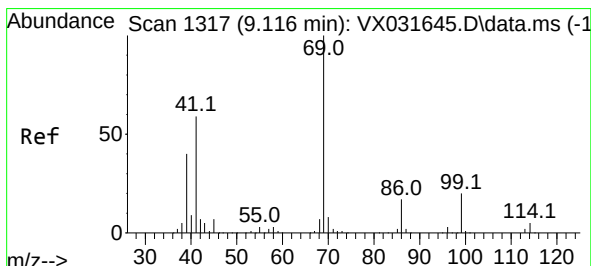
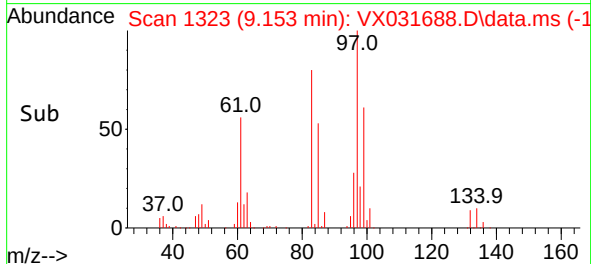
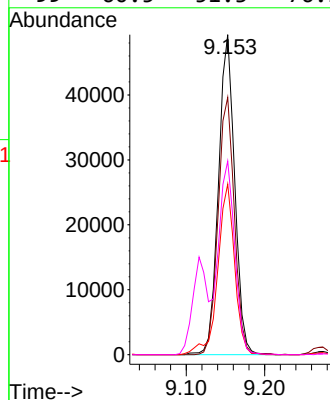
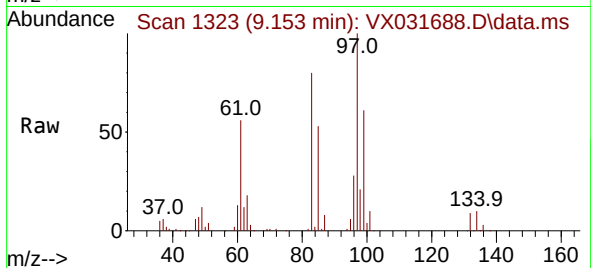
99 60.5 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#56

Ethyl methacrylate

Concen: 54.482 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

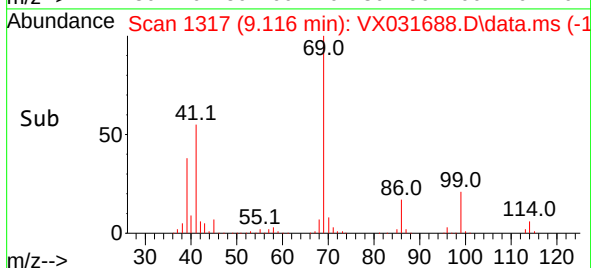
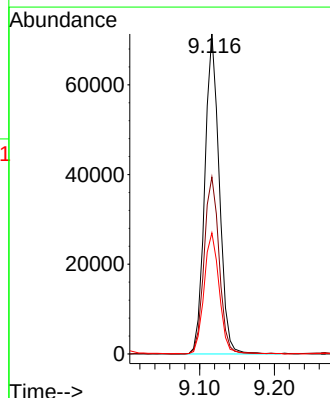
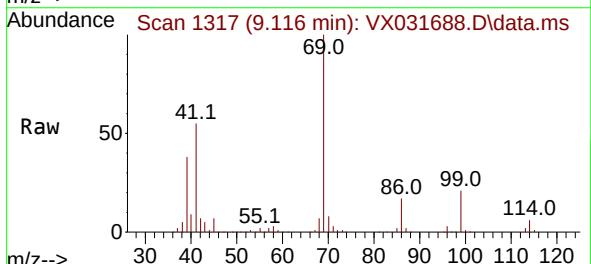
Tgt Ion: 69 Resp: 95882

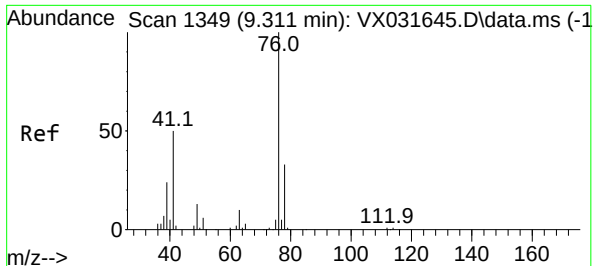
Ion Ratio Lower Upper

69 100

41 57.6 54.2 81.4

39 39.9 34.2 51.2





#57

1,3-Dichloropropane

Concen: 50.550 ug/l

RT: 9.311 min Scan# 110110

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 110110

Ion Ratio Lower Upper

76 100

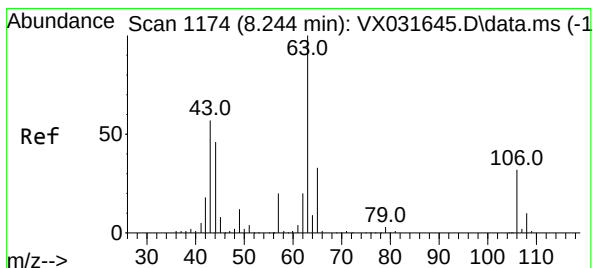
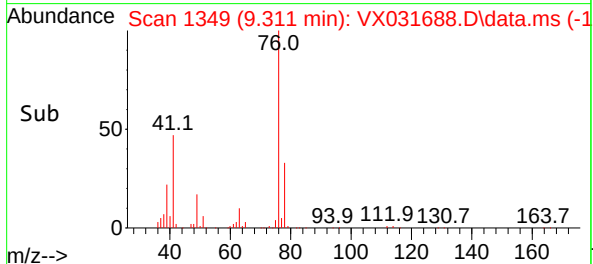
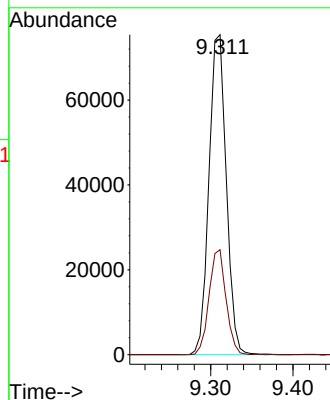
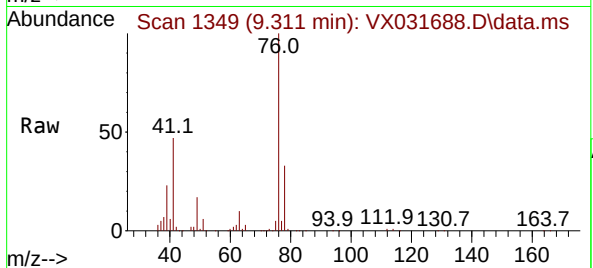
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 257.467 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX031688.D

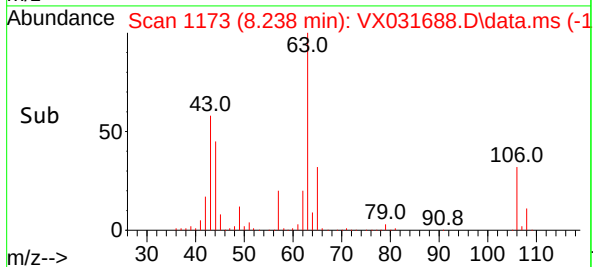
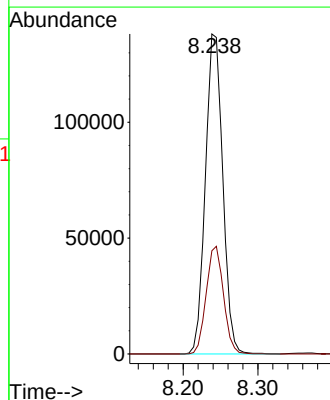
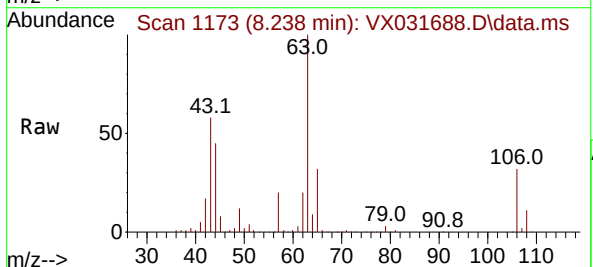
Acq: 27 Sep 2022 08:56

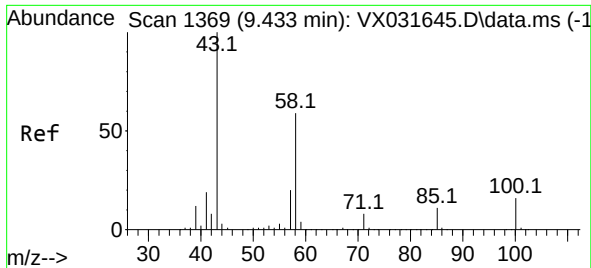
Tgt Ion: 63 Resp: 223118

Ion Ratio Lower Upper

63 100

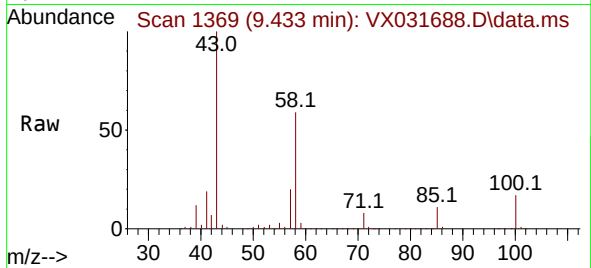
106 33.5 22.6 34.0





#59
2-Hexanone
Concen: 250.751 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

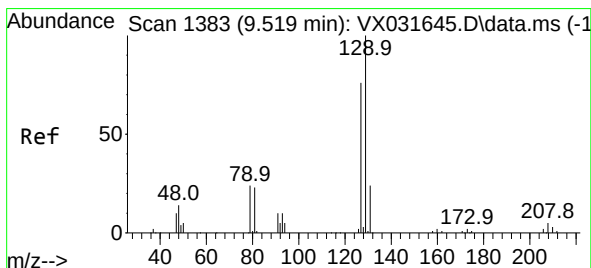
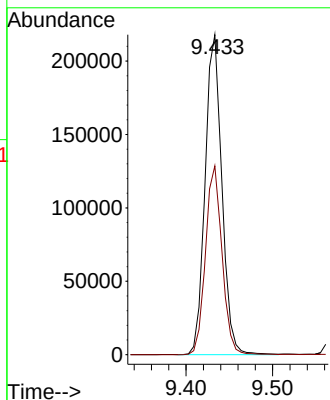
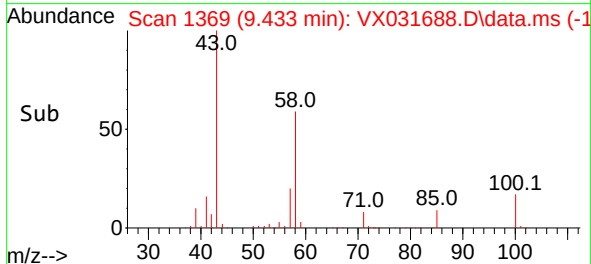
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 293372
Ion Ratio Lower Upper
43 100
58 58.2 26.7 80.0

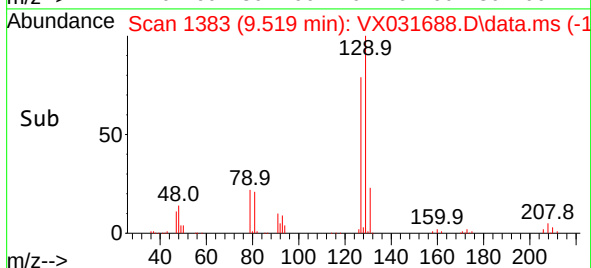
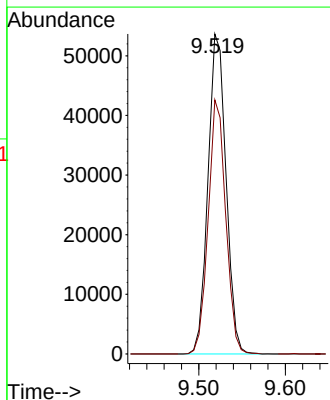
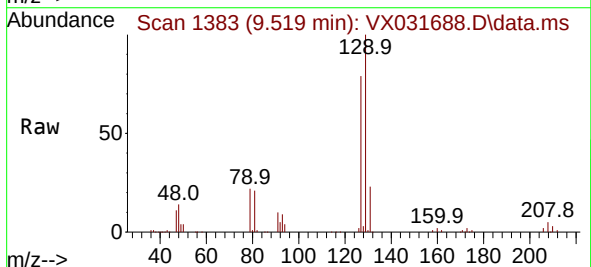
Manual Integrations
APPROVED

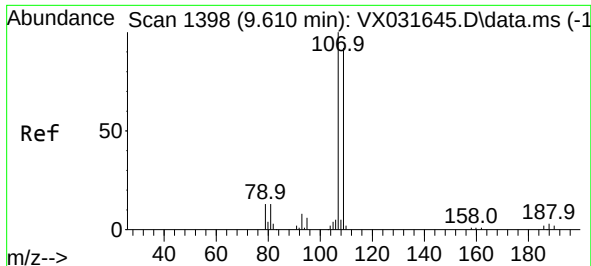
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#60
Dibromochloromethane
Concen: 48.415 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion:129 Resp: 77676
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





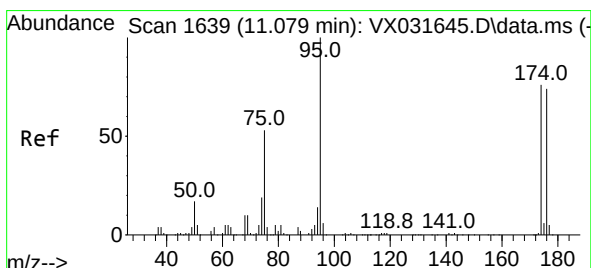
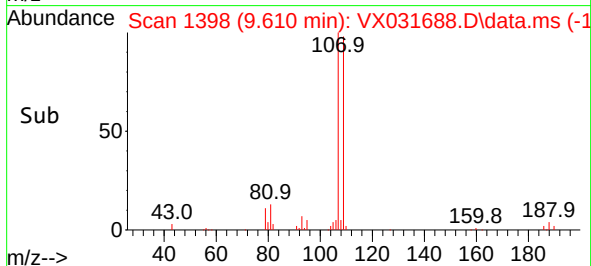
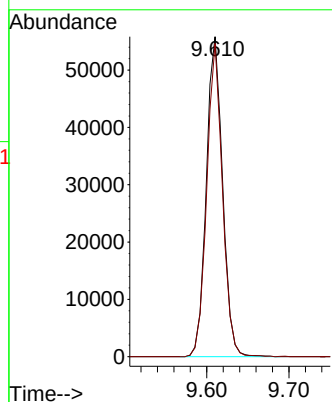
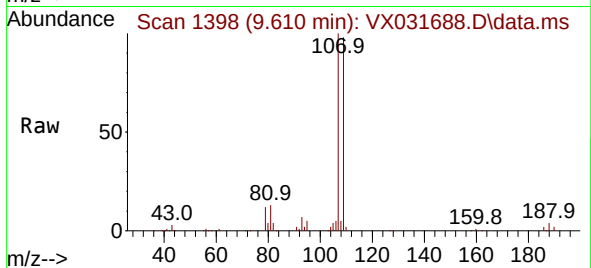
#61
1,2-Dibromoethane
Concen: 54.897 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 7665
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4

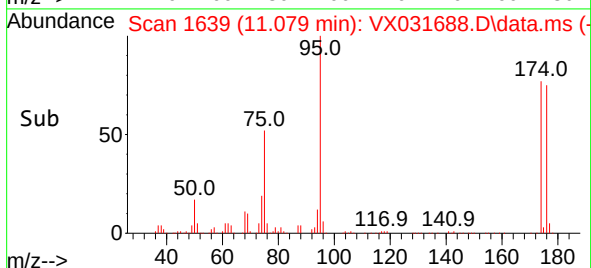
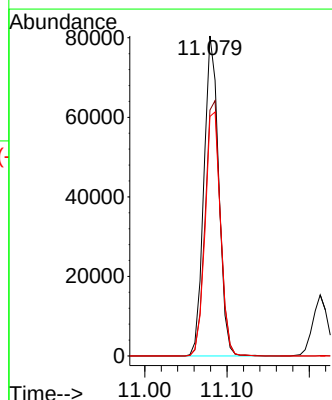
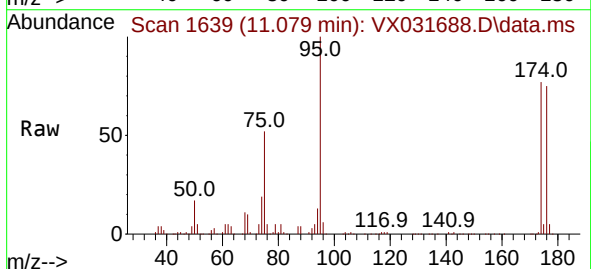
Manual Integrations
APPROVED

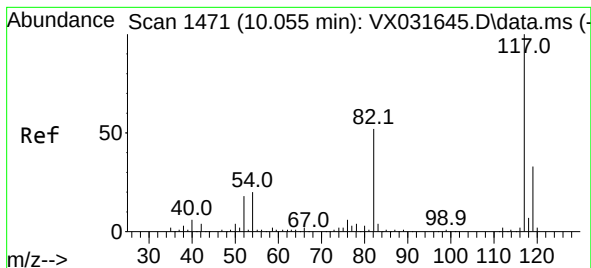
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#62
4-Bromofluorobenzene
Concen: 55.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

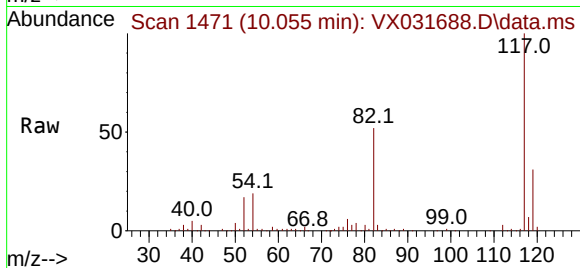
Tgt Ion: 95 Resp: 100126
Ion Ratio Lower Upper
95 100
174 82.4 0.0 153.2
176 79.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

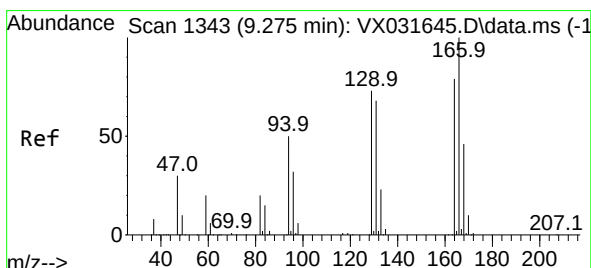
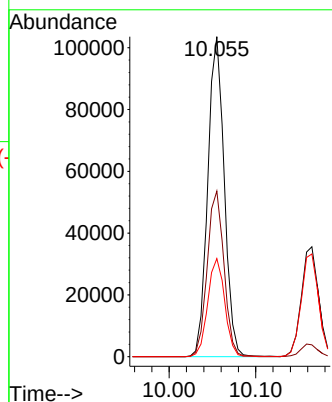
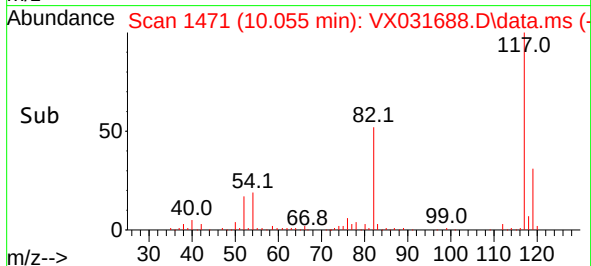
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



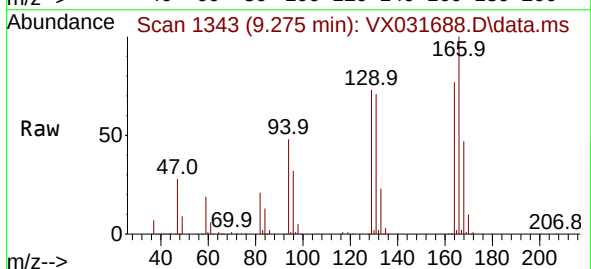
Tgt Ion:117 Resp: 13681
Ion Ratio Lower Upper
117 100
82 51.8 46.8 70.2
119 30.7 26.4 39.6

Manual Integrations
APPROVED

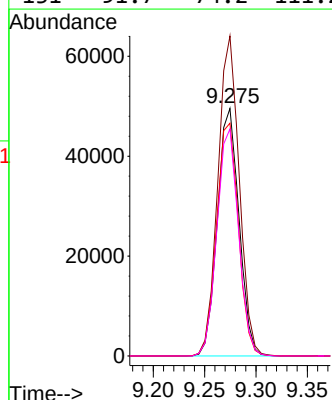
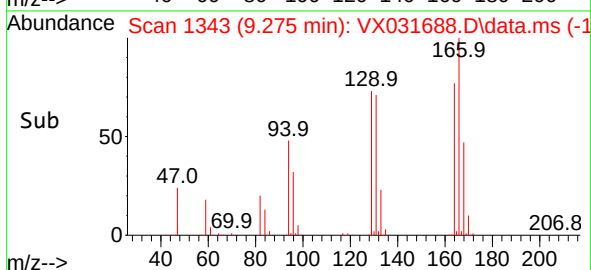
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

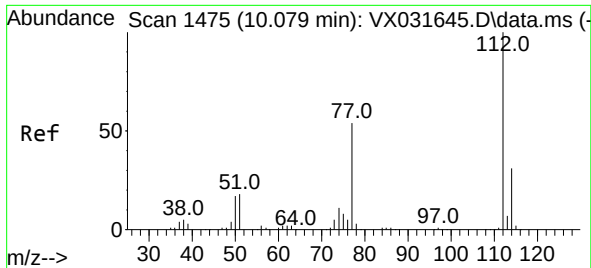


#64
Tetrachloroethene
Concen: 49.466 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



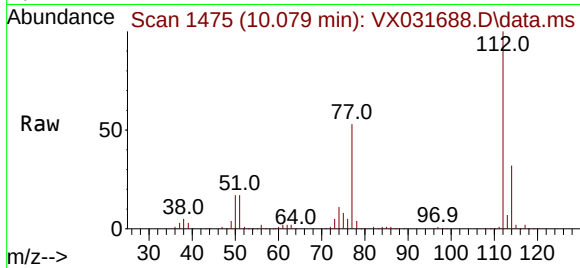
Tgt Ion:164 Resp: 72338
Ion Ratio Lower Upper
164 100
166 129.3 99.0 148.4
129 94.0 78.0 117.0
131 91.7 74.2 111.2





#65
Chlorobenzene
Concen: 50.421 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

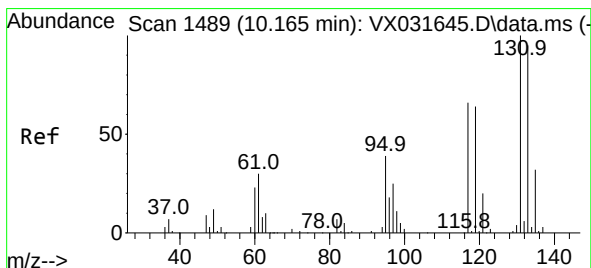
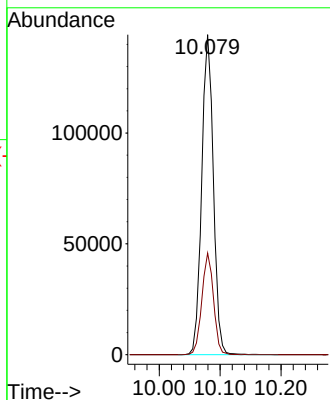
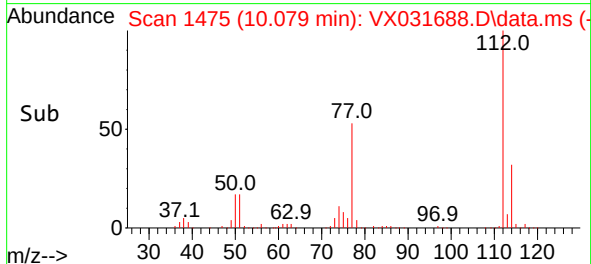
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 192185
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

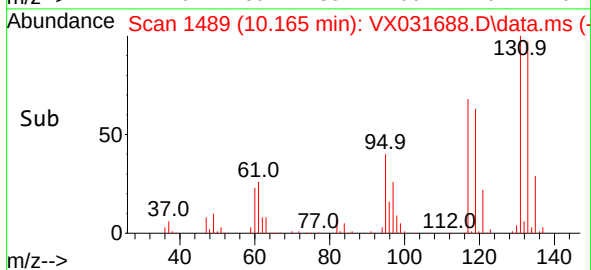
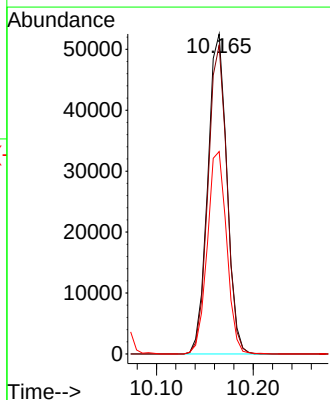
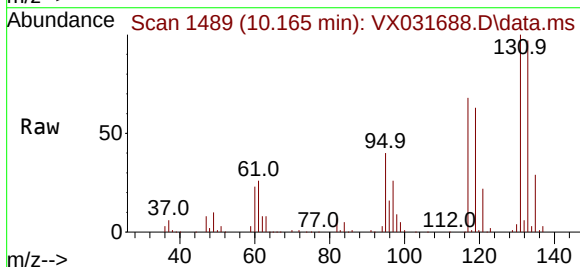
Manual Integrations
APPROVED

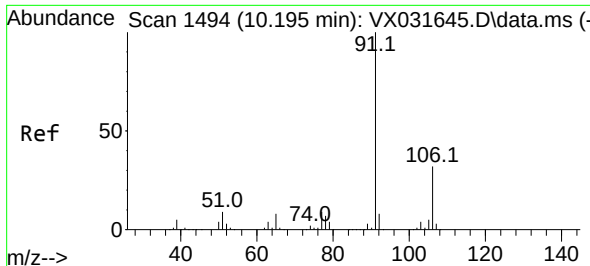
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.708 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

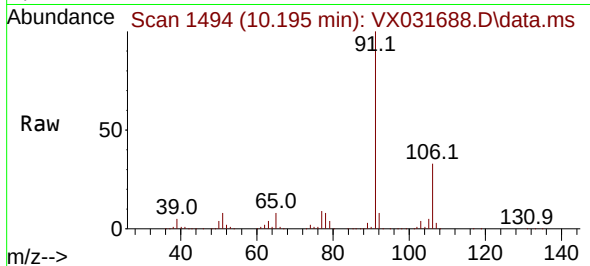
Tgt Ion:131 Resp: 72287
Ion Ratio Lower Upper
131 100
133 95.3 46.6 139.7
119 64.0 31.9 95.9





#67
Ethyl Benzene
Concen: 51.419 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

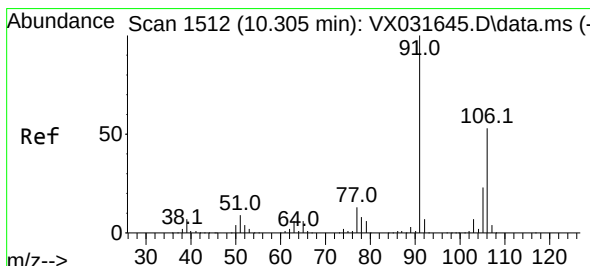
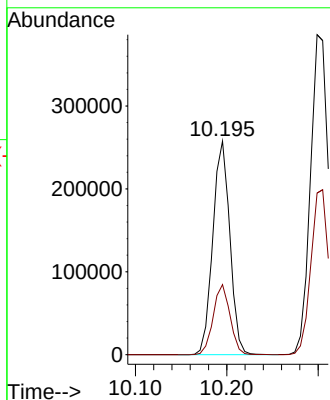
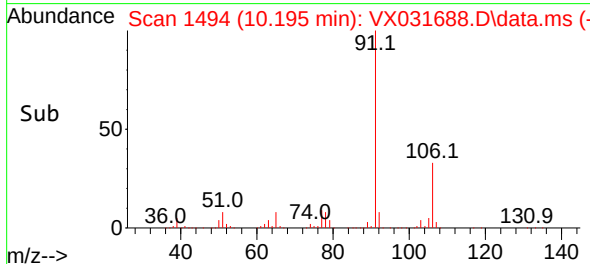
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



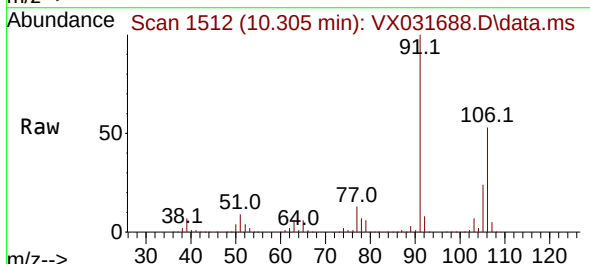
Tgt Ion: 91 Resp: 33340
Ion Ratio Lower Upper
91 100
106 32.8 25.2 37.8

Manual Integrations
APPROVED

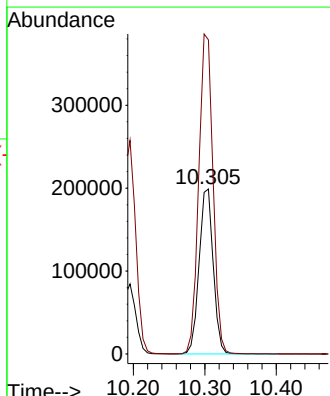
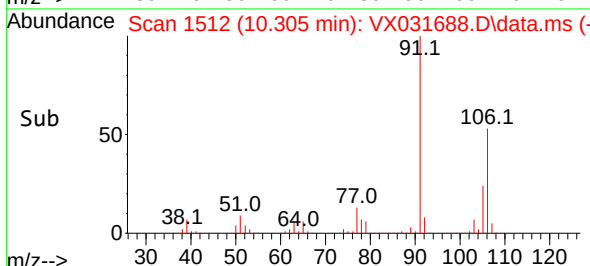
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

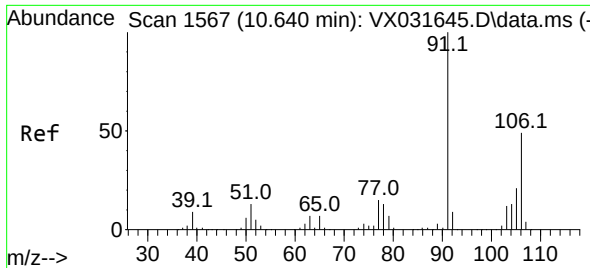


#68
m/p-Xylenes
Concen: 104.584 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



Tgt Ion:106 Resp: 272469
Ion Ratio Lower Upper
106 100
91 196.5 161.0 241.4





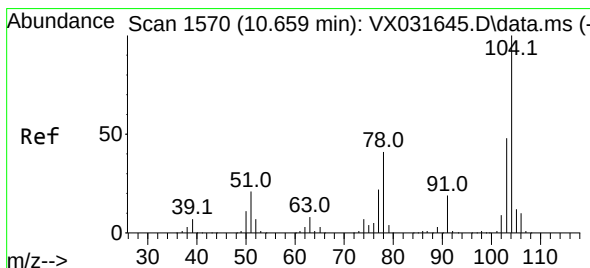
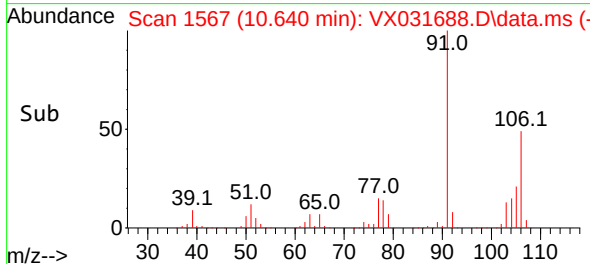
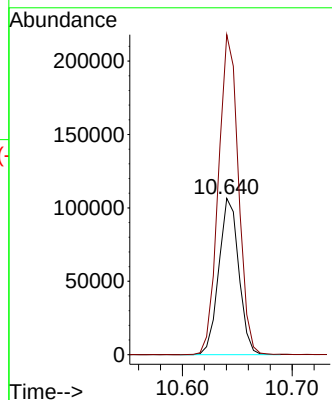
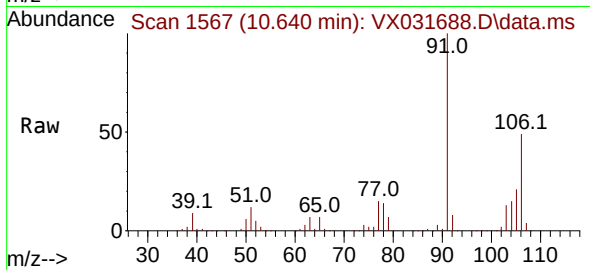
#69
o-Xylene
Concen: 53.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13500
Ion Ratio Lower Upper
106 100
91 205.1 107.2 321.6

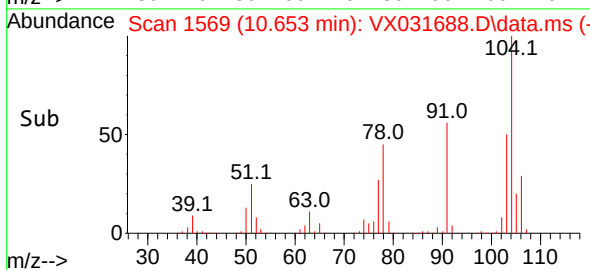
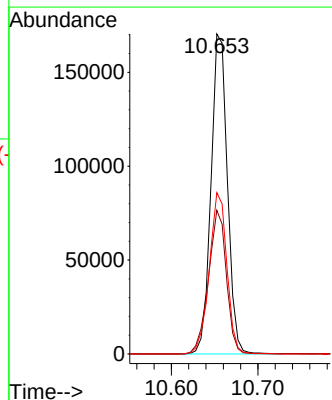
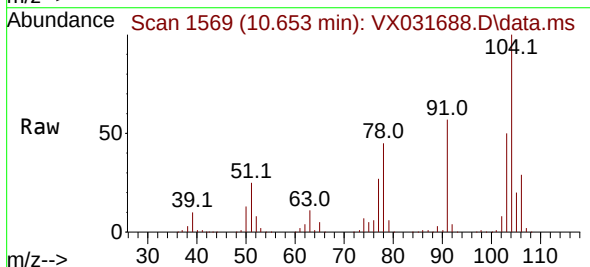
Manual Integrations
APPROVED

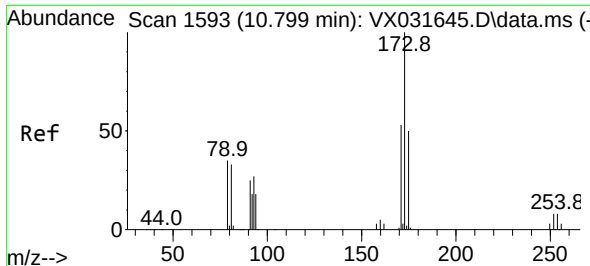
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#70
Styrene
Concen: 54.126 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

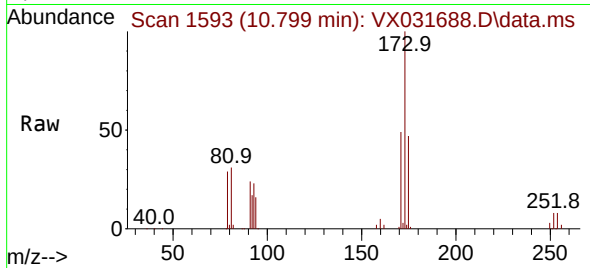
Tgt Ion:104 Resp: 224355
Ion Ratio Lower Upper
104 100
78 49.1 41.4 62.2
103 54.0 43.8 65.8





#71
Bromoform
Concen: 47.174 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

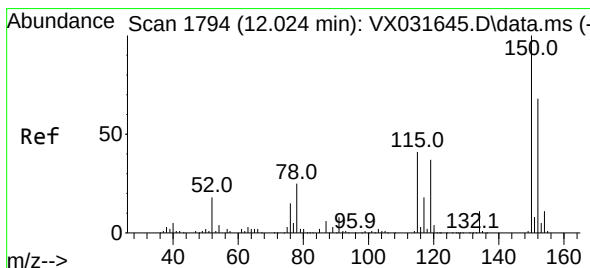
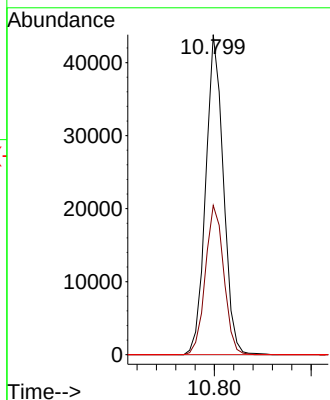
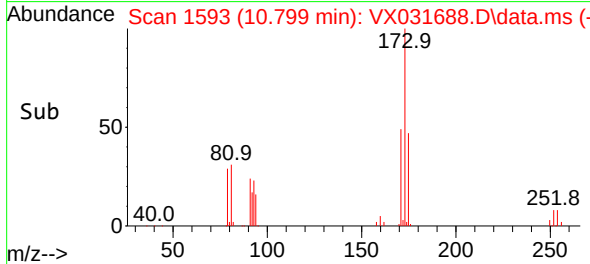
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



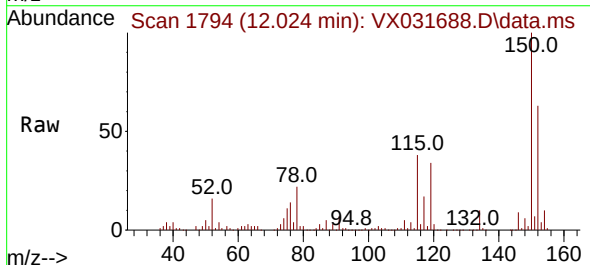
Tgt Ion:173 Resp: 5544
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

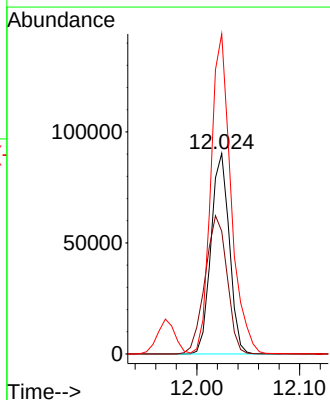
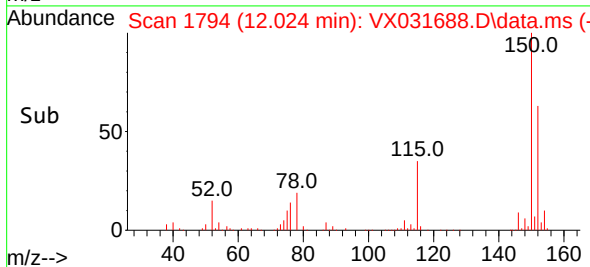
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

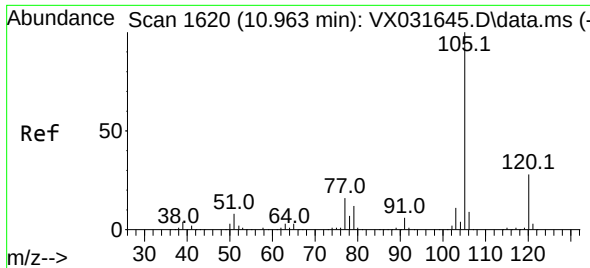


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



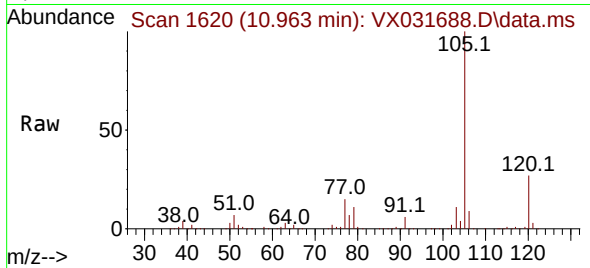
Tgt Ion:152 Resp: 111733
Ion Ratio Lower Upper
152 100
115 83.1 43.4 130.1
150 175.5 0.0 346.8





#73
Isopropylbenzene
Concen: 49.882 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

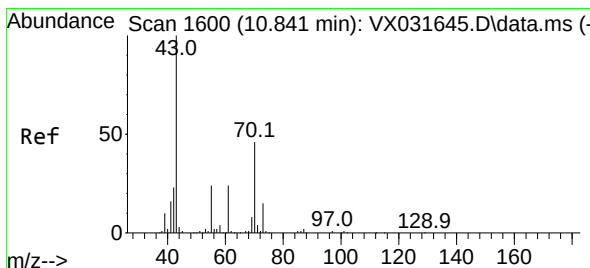
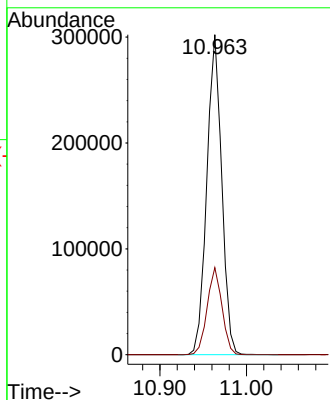
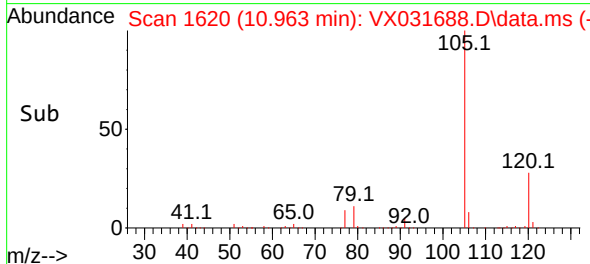
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



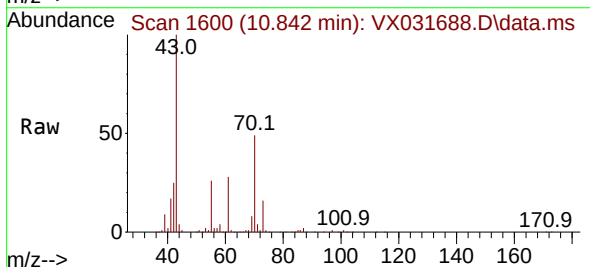
Tgt Ion:105 Resp: 360435
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0

Manual Integrations
APPROVED

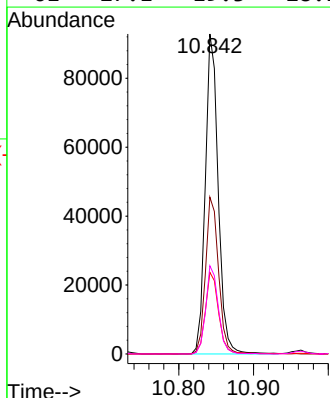
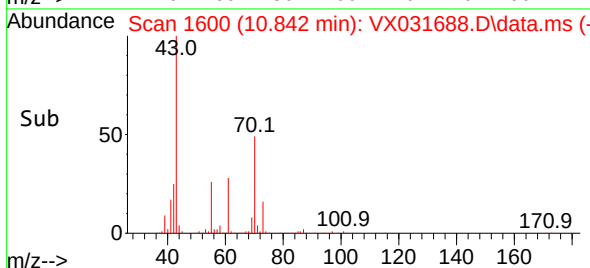
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

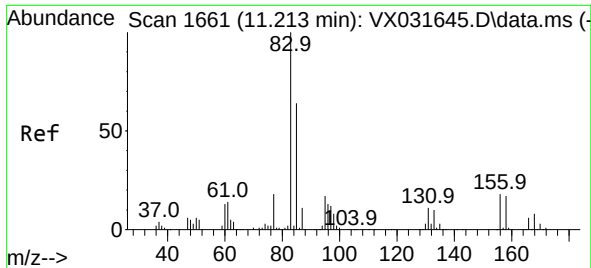


#74
N-ethyl acetate
Concen: 47.387 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



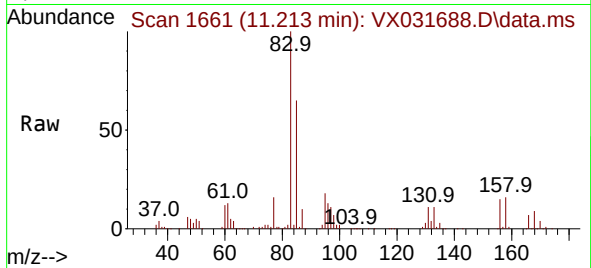
Tgt Ion: 43 Resp: 111070
Ion Ratio Lower Upper
43 100
70 50.1 33.4 50.2
55 26.0 18.2 27.2
61 27.1 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 47.064 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

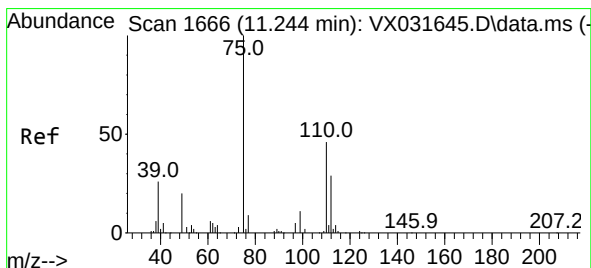
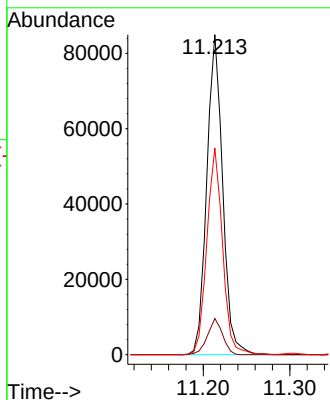
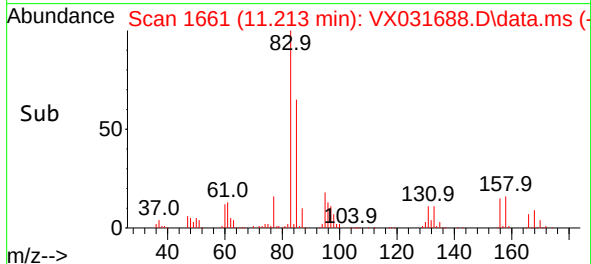
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



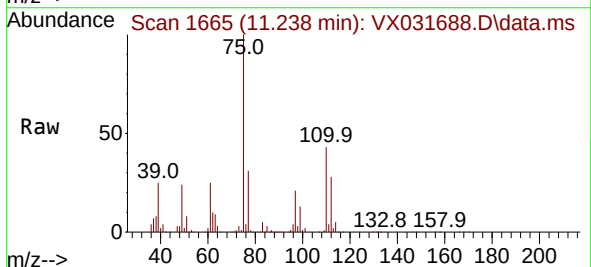
Tgt Ion: 83 Resp: 10805
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 64.0 32.6 97.8

Manual Integrations
APPROVED

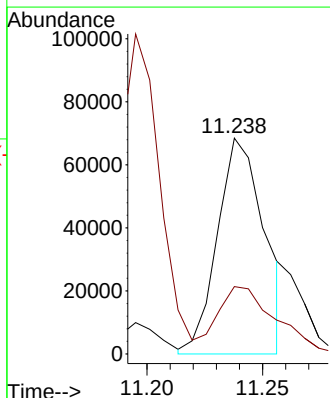
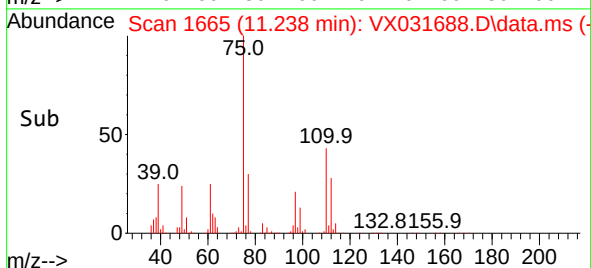
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

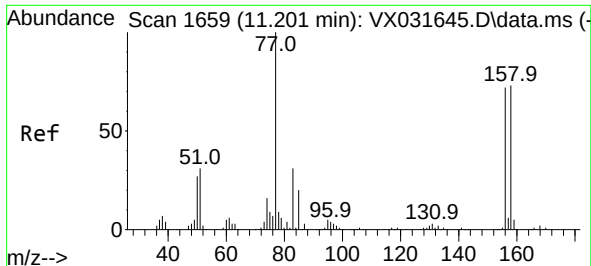


#76
1,2,3-Trichloropropane
Concen: 47.744 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



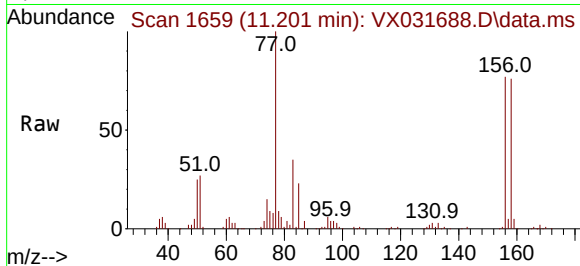
Tgt Ion: 75 Resp: 96709
Ion Ratio Lower Upper
75 100
77 39.3 20.3 60.9





#77
Bromobenzene
Concen: 47.730 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

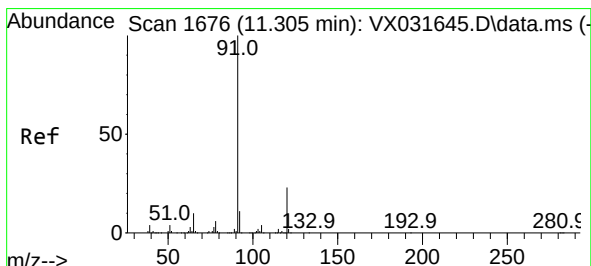
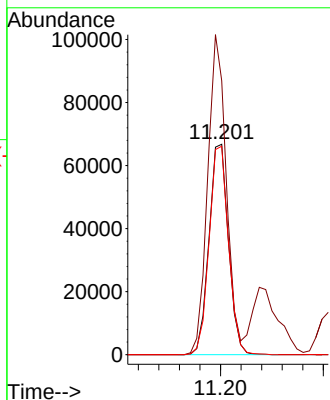
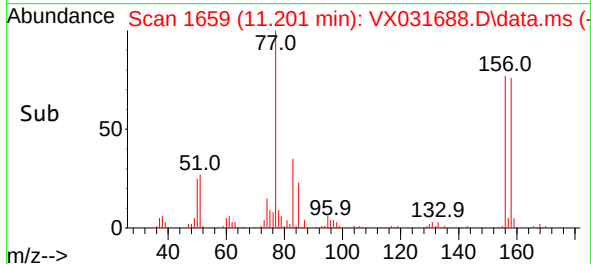
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



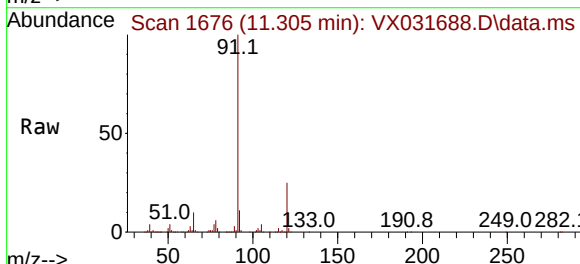
Tgt Ion:156 Resp: 87670
Ion Ratio Lower Upper
156 100
77 145.2 79.5 238.6
158 98.5 48.4 145.3

Manual Integrations
APPROVED

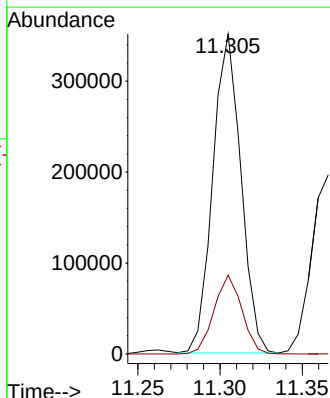
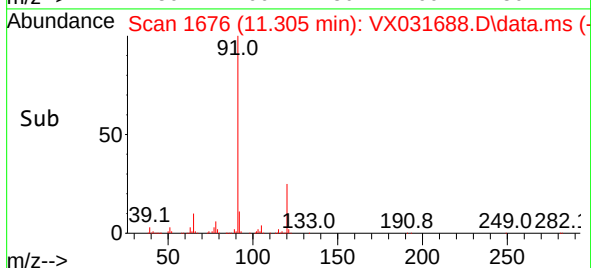
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

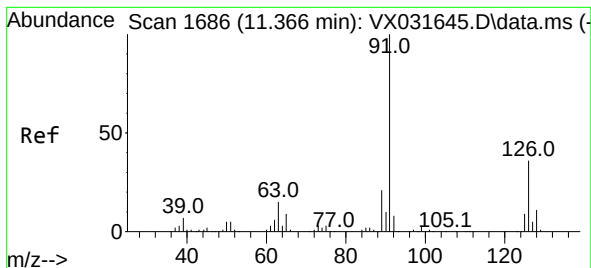


#78
n-propylbenzene
Concen: 51.806 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



Tgt Ion: 91 Resp: 416558
Ion Ratio Lower Upper
91 100
120 24.5 11.8 35.4





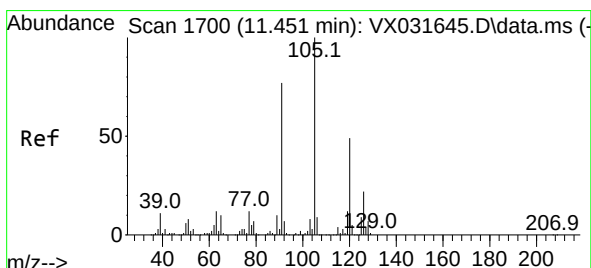
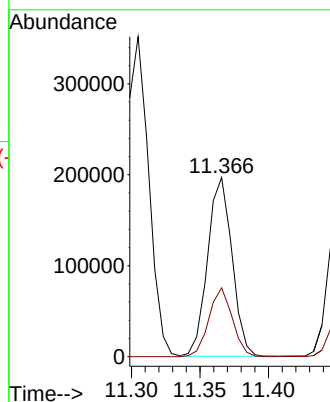
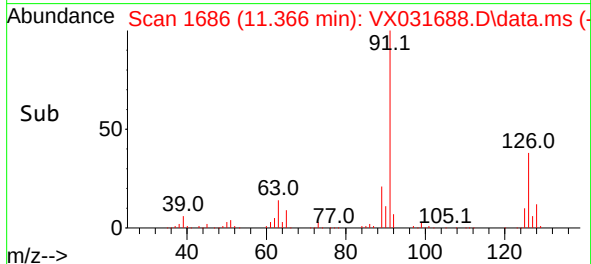
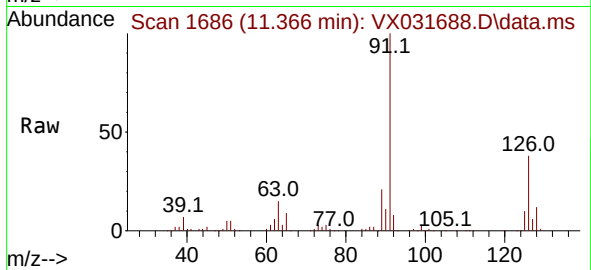
#79
2-Chlorotoluene
Concen: 49.137 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 243970
Ion Ratio Lower Upper
91 100
126 37.0 17.4 52.3

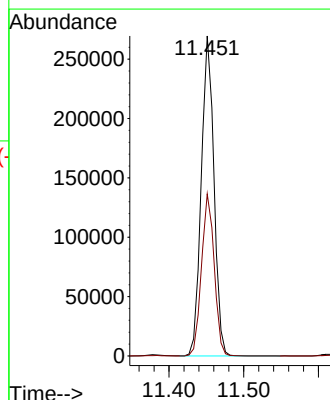
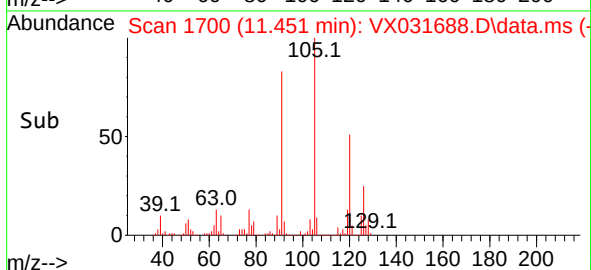
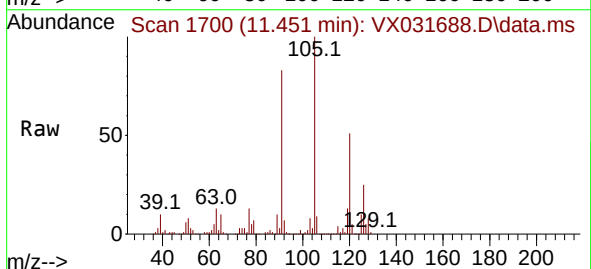
Manual Integrations
APPROVED

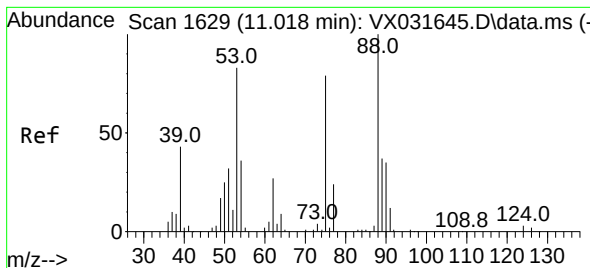
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.841 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion:105 Resp: 317539
Ion Ratio Lower Upper
105 100
120 50.7 24.5 73.5





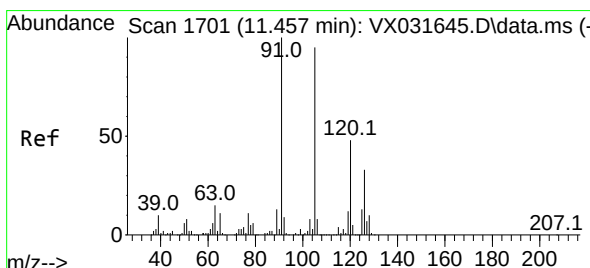
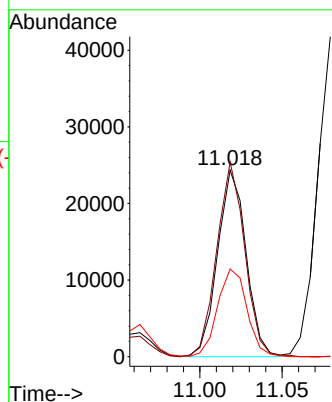
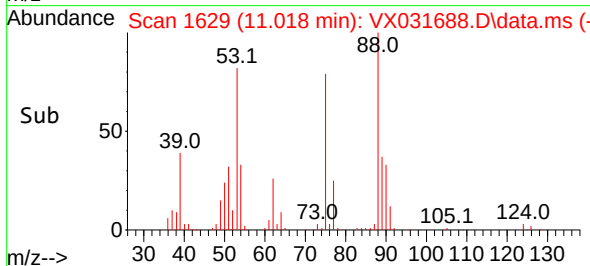
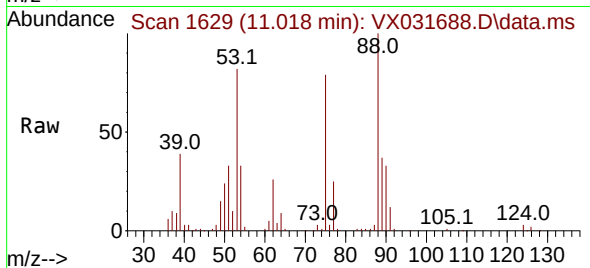
#81
trans-1,4-Dichloro-2-butene
Concen: 49.473 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 29430
Ion Ratio Lower Upper
75 100
53 101.8 77.6 116.4
89 48.2 37.4 56.0

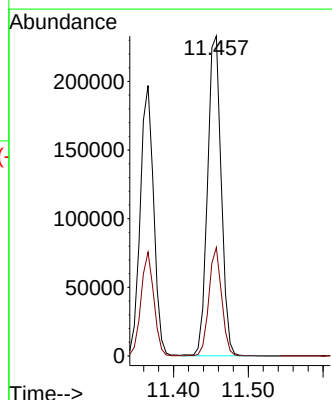
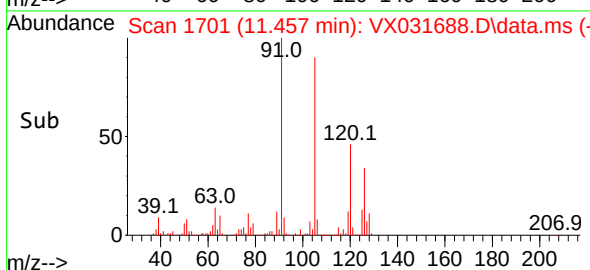
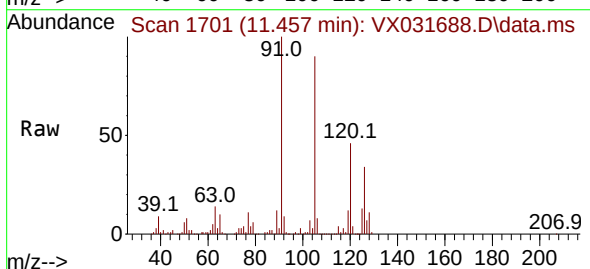
Manual Integrations
APPROVED

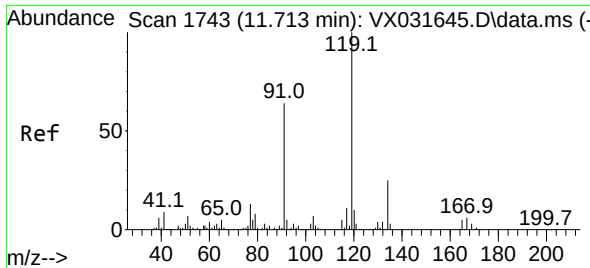
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#82
4-Chlorotoluene
Concen: 51.564 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

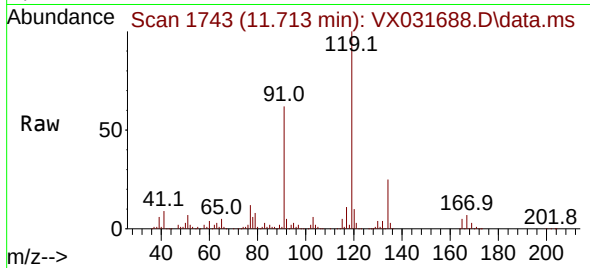
Tgt Ion: 91 Resp: 295784
Ion Ratio Lower Upper
91 100
126 31.8 15.1 45.3





#83
tert-Butylbenzene
Concen: 51.231 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

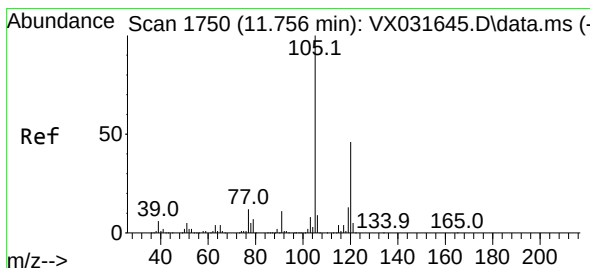
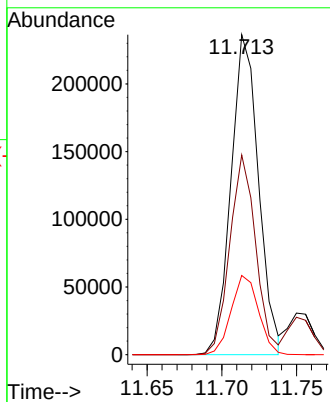
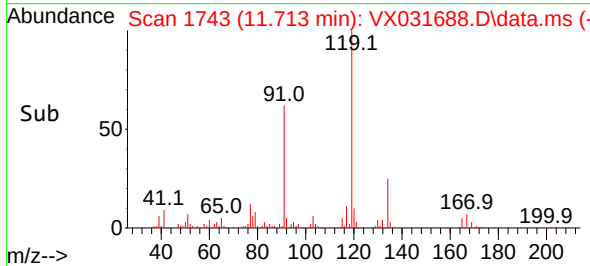
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



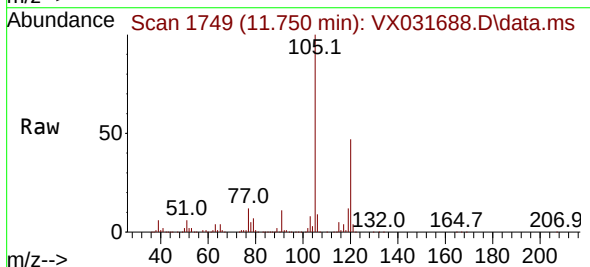
Tgt Ion:119 Resp: 302610
Ion Ratio Lower Upper
119 100
91 58.9 29.2 87.6
134 24.6 11.6 34.8

Manual Integrations
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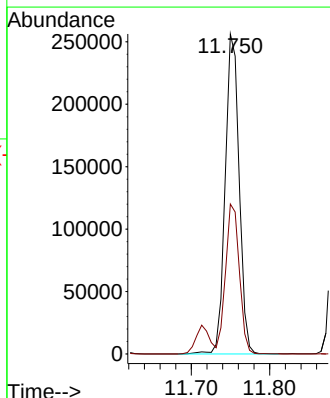
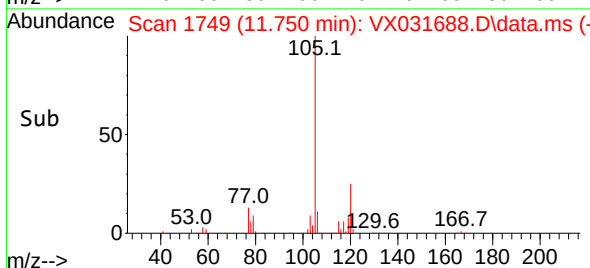
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

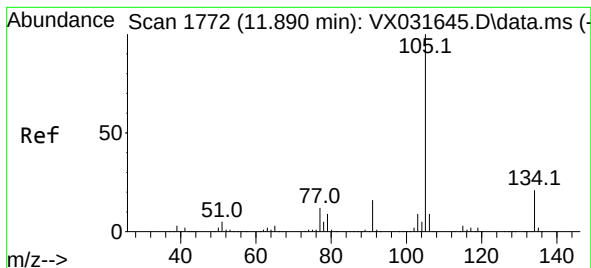


#84
1,2,4-Trimethylbenzene
Concen: 52.453 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



Tgt Ion:105 Resp: 318018
Ion Ratio Lower Upper
105 100
120 46.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 52.079 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 390940

Ion Ratio Lower Upper

105 100

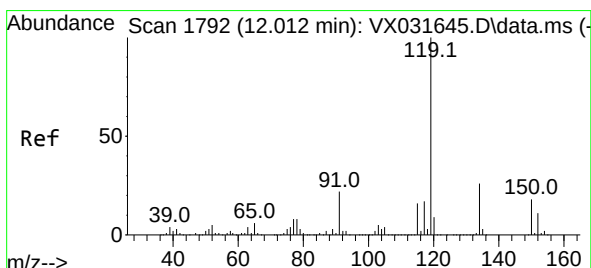
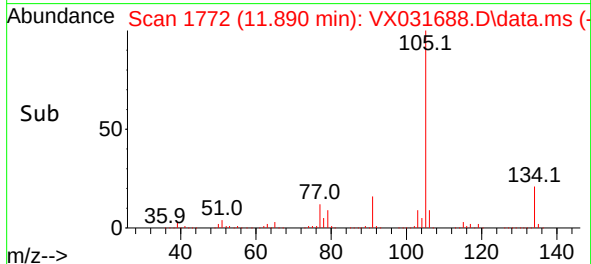
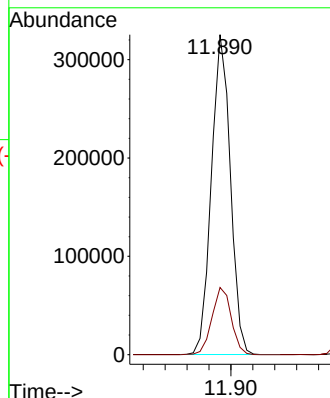
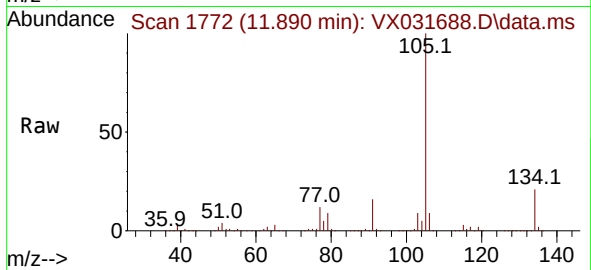
134 21.4 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#86

p-Isopropyltoluene

Concen: 52.679 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

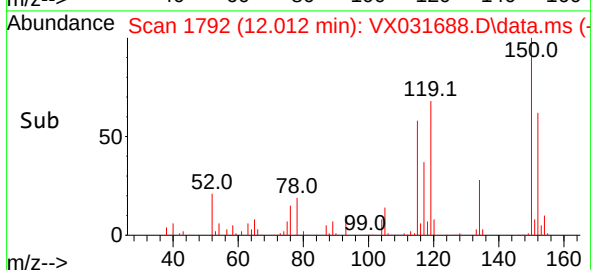
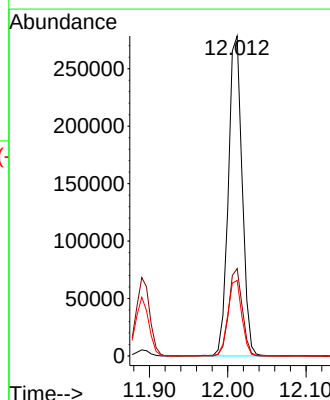
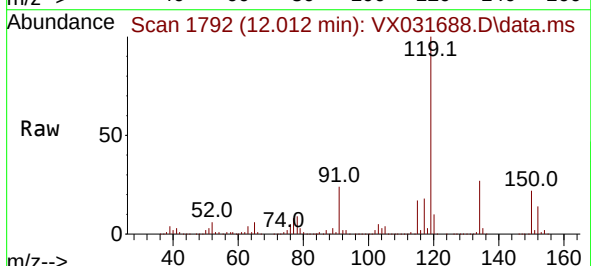
Tgt Ion:119 Resp: 341016

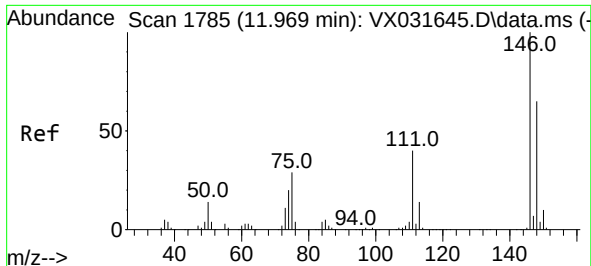
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.509 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031688.D

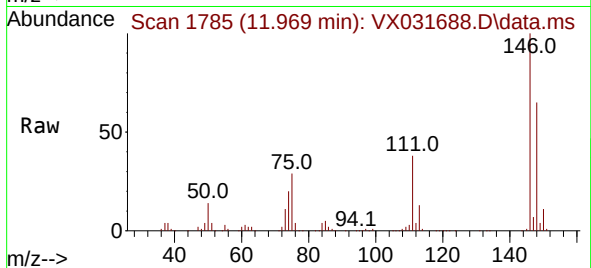
Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 179860

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.4

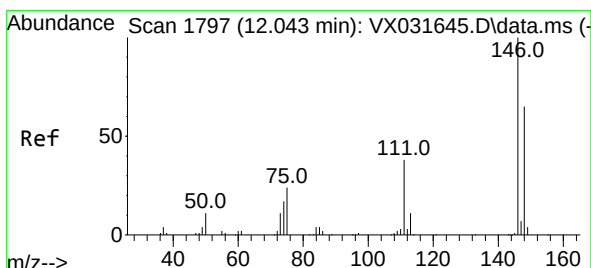
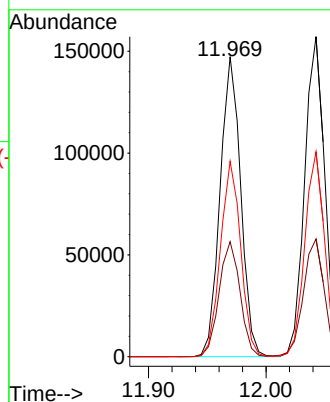
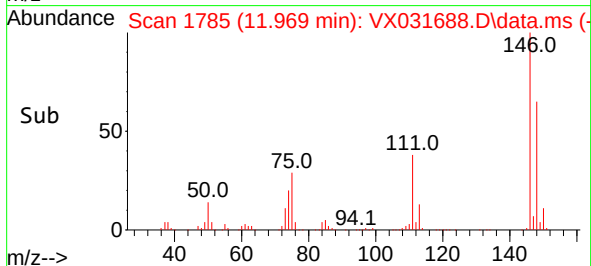
148 64.1 31.5 94.5

Manual Integrations

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Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#88

1,4-Dichlorobenzene

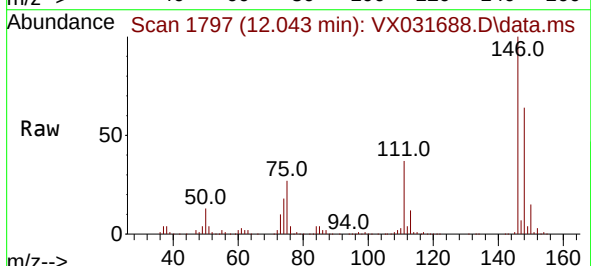
Concen: 50.521 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56



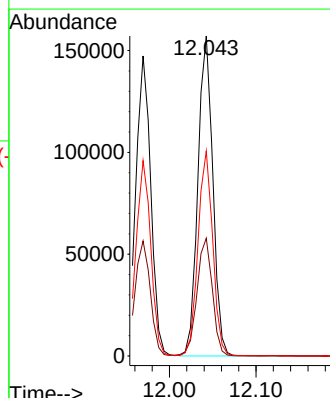
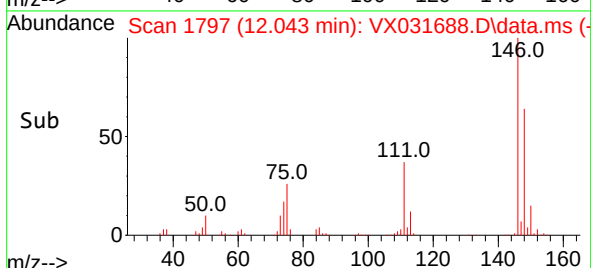
Tgt Ion:146 Resp: 188319

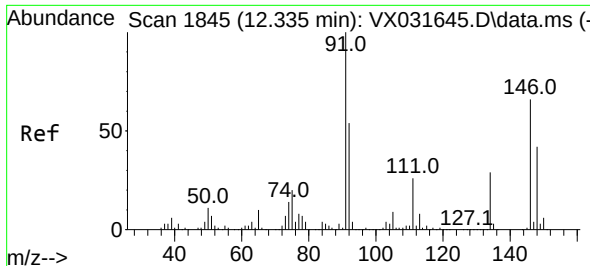
Ion Ratio Lower Upper

146 100

111 38.1 20.5 61.5

148 63.3 32.0 96.2





#89

n-Butylbenzene

Concen: 53.639 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 28364

Ion Ratio Lower Upper

91 100

92 53.6 27.0 81.0

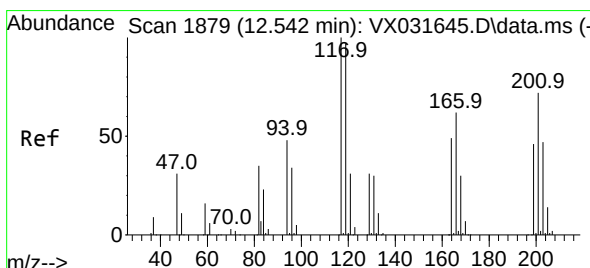
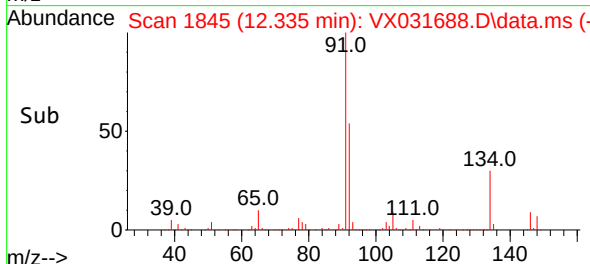
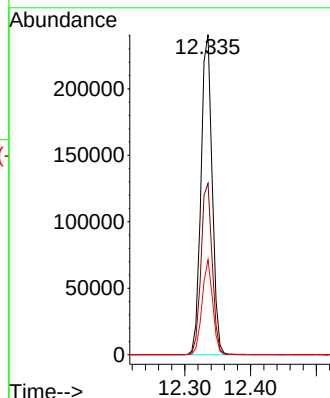
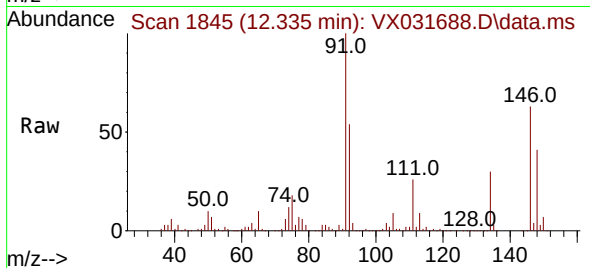
134 28.1 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#90

Hexachloroethane

Concen: 52.761 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX031688.D

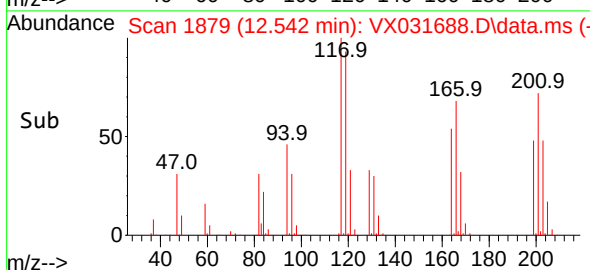
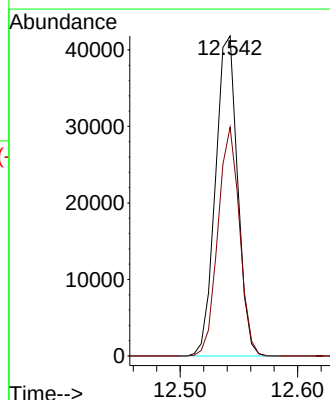
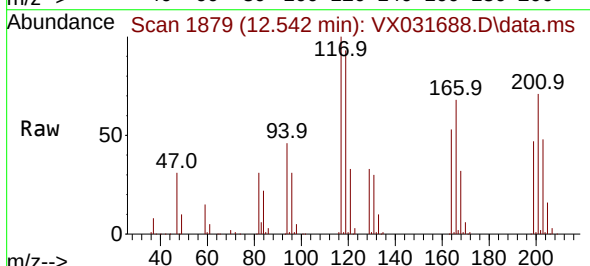
Acq: 27 Sep 2022 08:56

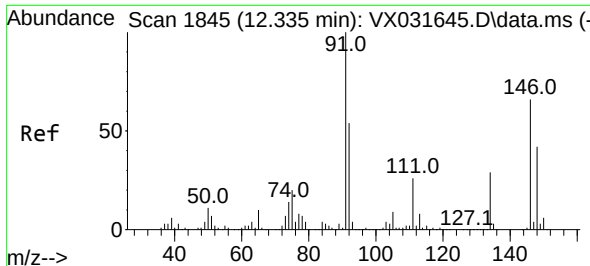
Tgt Ion:117 Resp: 54768

Ion Ratio Lower Upper

117 100

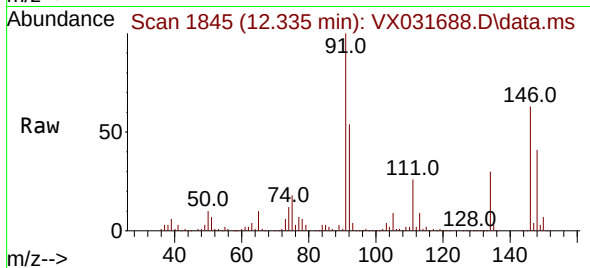
201 69.6 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 50.378 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

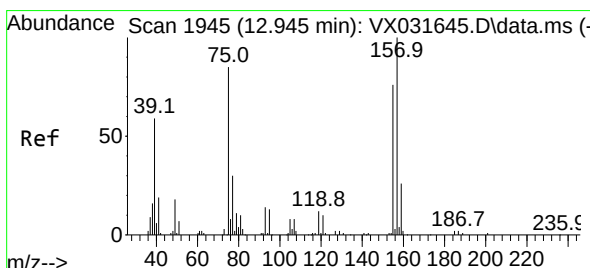
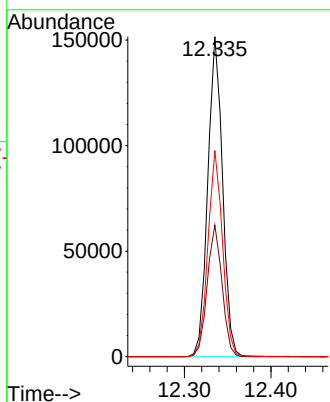
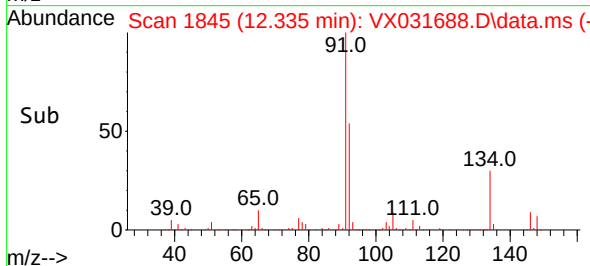
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



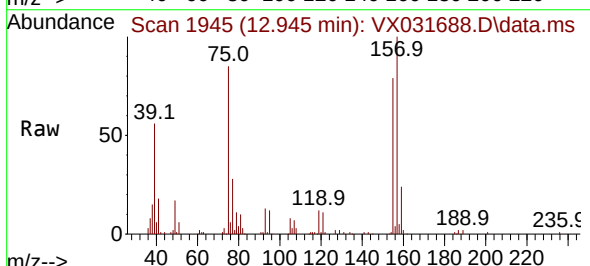
Tgt Ion:146 Resp: 179658
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.7 31.6 95.0

Manual Integrations
APPROVED

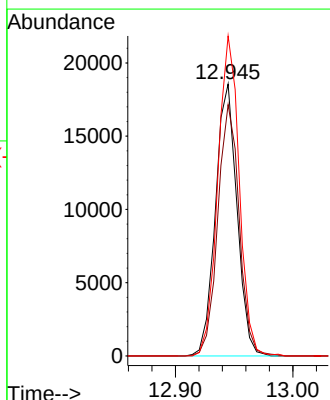
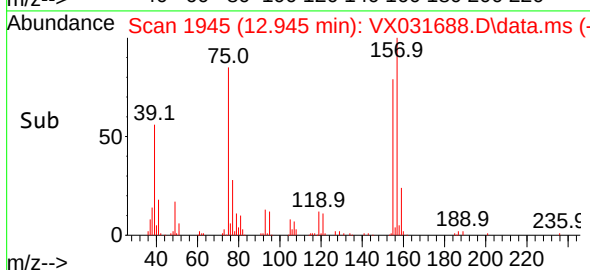
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

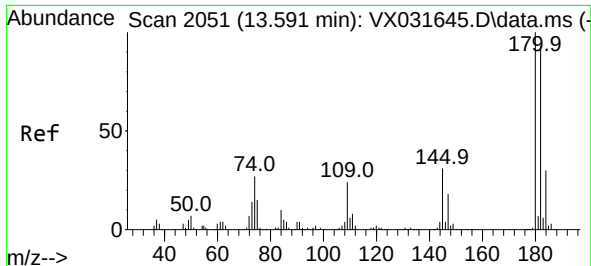


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.356 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56



Tgt Ion: 75 Resp: 23627
Ion Ratio Lower Upper
75 100
155 92.0 40.3 120.8
157 117.5 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 50.844 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10603

Ion Ratio Lower Upper

180 100

182 96.4 46.9 140.6

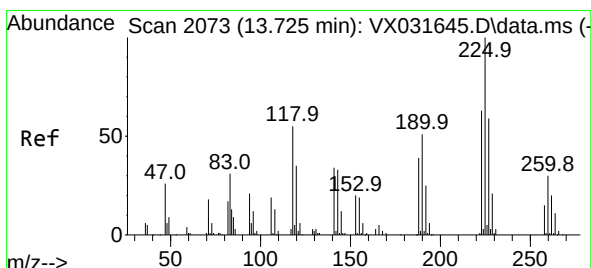
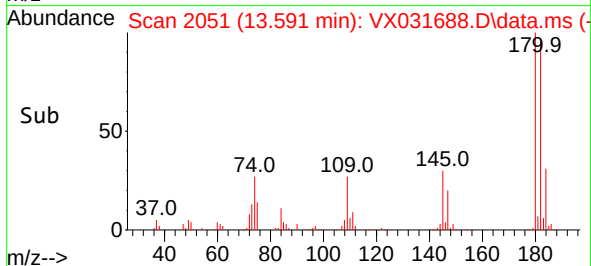
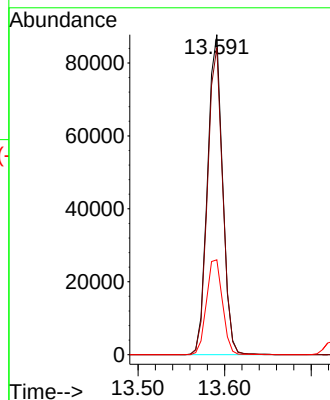
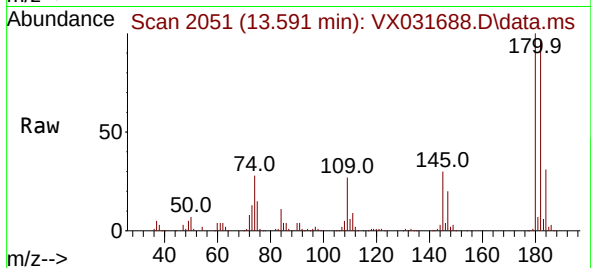
145 31.7 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#94

Hexachlorobutadiene

Concen: 50.594 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX031688.D

Acq: 27 Sep 2022 08:56

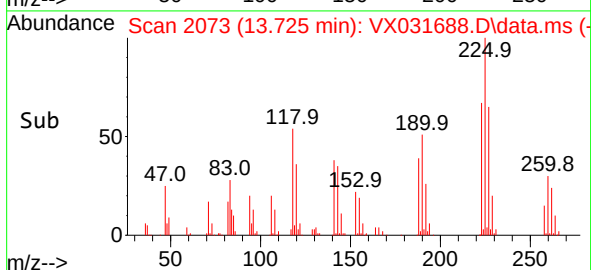
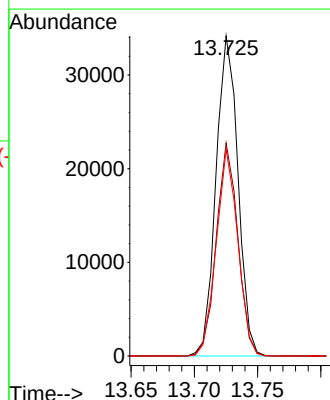
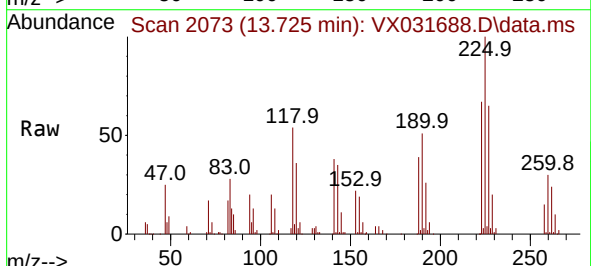
Tgt Ion:225 Resp: 41144

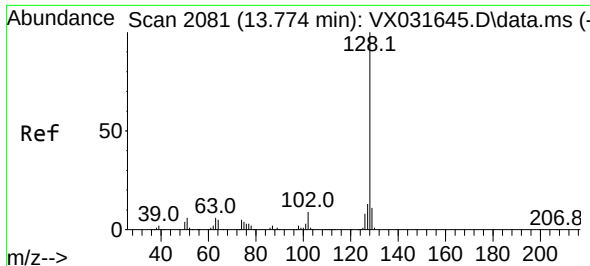
Ion Ratio Lower Upper

225 100

223 65.3 30.8 92.4

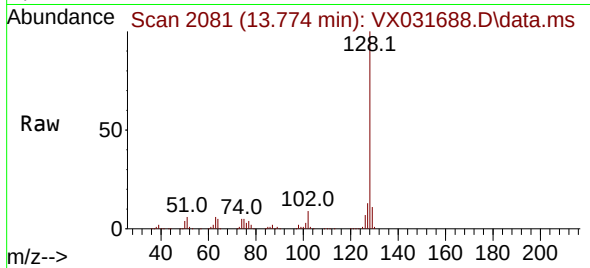
227 63.3 32.3 96.9





#95
Naphthalene
Concen: 52.770 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

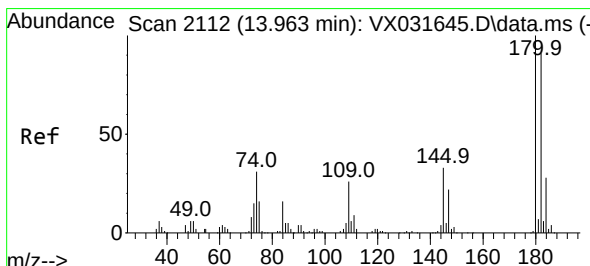
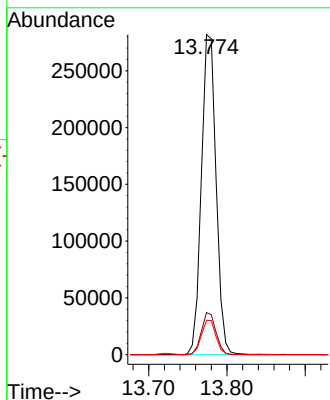
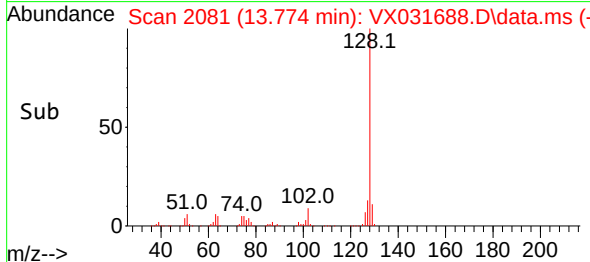
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 36760
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.887 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031688.D
Acq: 27 Sep 2022 08:56

Tgt Ion:180 Resp: 106775
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.8
145 33.3 17.6 52.8

