

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031788.D
 Acq On : 29 Sep 2022 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 30 04:41:37 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

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77951	45.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.260%		
35) Dibromofluoromethane	5.385	113	73360	49.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	8.647	98	266045	49.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	105512	54.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48102	48.563	ug/l	98
3) Chloromethane	1.288	50	40513	46.083	ug/l	99
4) Vinyl Chloride	1.374	62	57250	41.999	ug/l	99
5) Bromomethane	1.611	94	43902	34.049	ug/l	99
6) Chloroethane	1.685	64	57072	34.833	ug/l	98
7) Trichlorofluoromethane	1.886	101	130936	38.235	ug/l	99
8) Diethyl Ether	2.130	74	43508	45.128	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	56604	52.321	ug/l	91
10) Methyl Iodide	2.453	142	44803	42.250	ug/l	98
11) Tert butyl alcohol	3.014	59	57001	257.802	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	49867	60.612	ug/l	86
13) Acrolein	2.239	56	22960	218.975	ug/l	97
14) Allyl chloride	2.666	41	65514	46.026	ug/l #	93
15) Acrylonitrile	3.068	53	138007	230.205	ug/l	99
16) Acetone	2.392	43	111466	281.052	ug/l	93
17) Carbon Disulfide	2.508	76	91721	50.585	ug/l	99
18) Methyl Acetate	2.703	43	72398	46.640	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	195249	50.819	ug/l	95
20) Methylene Chloride	2.788	84	60517	55.590	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	58884	49.233	ug/l	88
22) Diisopropyl ether	3.757	45	162752	44.427	ug/l #	84
23) Vinyl Acetate	3.721	43	654454	225.890	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	100778	47.717	ug/l	97
25) 2-Butanone	4.562	43	182257	221.045	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	76251	44.482	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	75193	51.334	ug/l	81
28) Bromochloromethane	4.904	49	38993	39.467	ug/l #	57
29) Tetrahydrofuran	5.013	42	115432	222.856	ug/l #	81
30) Chloroform	5.093	83	126964	48.867	ug/l	100
31) Cyclohexane	5.477	56	74737	45.504	ug/l #	80
32) 1,1,1-Trichloroethane	5.385	97	114096	53.021	ug/l	94
36) 1,1-Dichloropropene	5.690	75	82924	49.190	ug/l	96
37) Ethyl Acetate	4.721	43	74983	44.098	ug/l #	94
38) Carbon Tetrachloride	5.678	117	102789	54.104	ug/l	98
39) Methylcyclohexane	7.379	83	94353	49.124	ug/l	87
40) Benzene	6.037	78	247958	47.891	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39232	45.343	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	92893	46.391	ug/l	96
43) Isopropyl Acetate	6.342	43	120966	45.200	ug/l #	91
44) Trichloroethene	7.123	130	78177	53.457	ug/l	90
45) 1,2-Dichloropropane	7.434	63	60183	47.895	ug/l	98
46) Dibromomethane	7.580	93	51099	50.636	ug/l #	90
47) Bromodichloromethane	7.824	83	96943	53.235	ug/l	99
48) Methyl methacrylate	7.696	41	56694	48.170	ug/l #	84
49) 1,4-Dioxane	7.702	88	33357	1172.114	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	394605	232.948	ug/l	91
52) Toluene	8.720	92	180061	52.173	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	96440	46.010	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100635	53.177	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	76824	51.701	ug/l	96
56) Ethyl methacrylate	9.116	69	103146	54.254	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	116747	49.611	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	237317	253.503	ug/l #	83
59) 2-Hexanone	9.433	43	292591	231.501	ug/l	88
60) Dibromochloromethane	9.519	129	88063	50.734	ug/l	99
61) 1,2-Dibromoethane	9.610	107	85226	56.502	ug/l	97
64) Tetrachloroethene	9.275	164	80090	52.480	ug/l	96
65) Chlorobenzene	10.079	112	212936	53.533	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	83494	58.338	ug/l	99
67) Ethyl Benzene	10.195	91	353255	52.207	ug/l	97
68) m/p-Xylenes	10.305	106	301453	110.879	ug/l	91
69) o-Xylene	10.640	106	149097	56.106	ug/l	91
70) Styrene	10.659	104	248742	57.504	ug/l	94
71) Bromoform	10.799	173	64552	52.376	ug/l #	99
73) Isopropylbenzene	10.963	105	392852	51.335	ug/l	98
74) N-amyl acetate	10.841	43	111390	44.873	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	114085	46.918	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100290m	46.750	ug/l	
77) Bromobenzene	11.201	156	105519	54.240	ug/l	83
78) n-propylbenzene	11.305	91	427088	50.153	ug/l	96
79) 2-Chlorotoluene	11.366	91	257312	48.932	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	338393	52.165	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	27623	44.184	ug/l	98
82) 4-Chlorotoluene	11.457	91	302005	49.712	ug/l	93
83) tert-Butylbenzene	11.713	119	348498	55.709	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	337991	52.638	ug/l	97
85) sec-Butylbenzene	11.890	105	415077	52.210	ug/l	97
86) p-Isopropyltoluene	12.012	119	370171	53.994	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	203831	54.046	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	207235	52.495	ug/l	98
89) n-Butylbenzene	12.335	91	281845	50.325	ug/l	97
90) Hexachloroethane	12.542	117	57940	52.704	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	208450	55.191	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23942	49.138	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	124458	56.350	ug/l	97
94) Hexachlorobutadiene	13.725	225	47045	54.624	ug/l	98
95) Naphthalene	13.774	128	424694	57.565	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	125278	55.268	ug/l	98

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VSTDCCC050

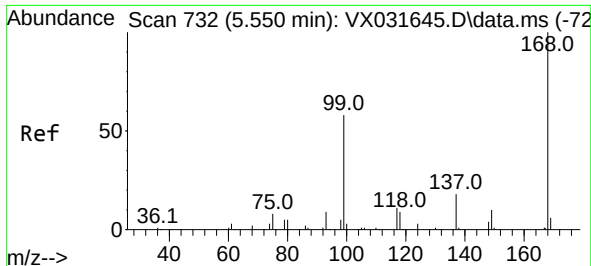
Manual Integrations
APPROVED

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QLast Update : Tue Sep 27 01:44:18 2022
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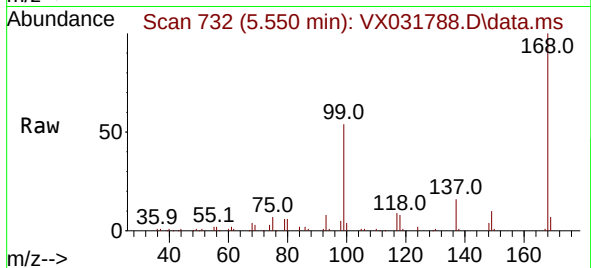
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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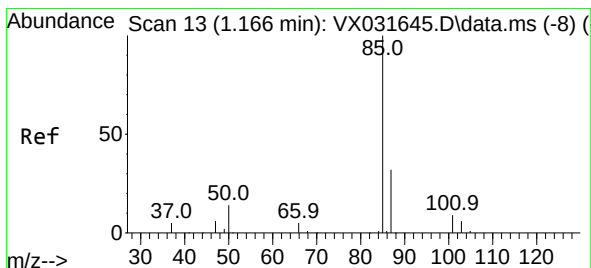
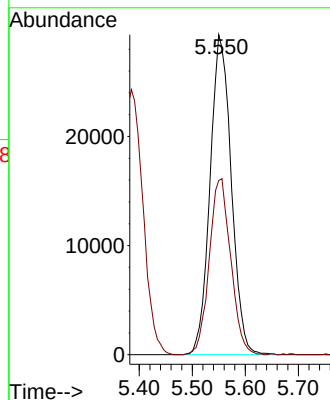
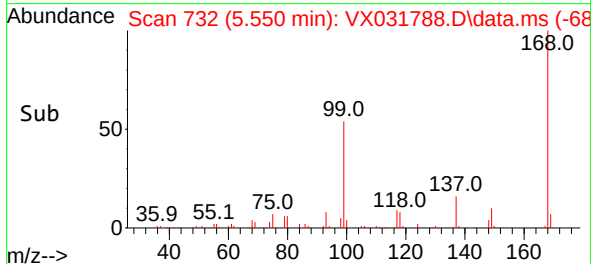
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 81388
Ion Ratio Lower Upper
168 100
99 54.5 48.8 73.2

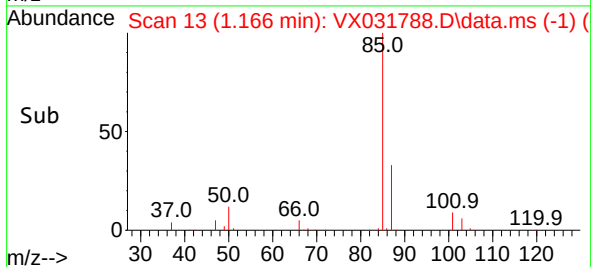
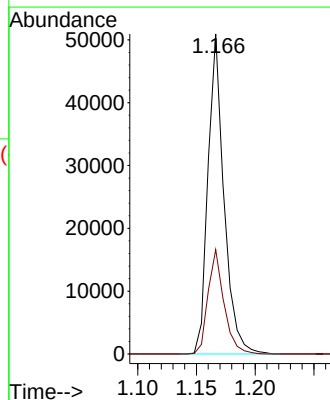
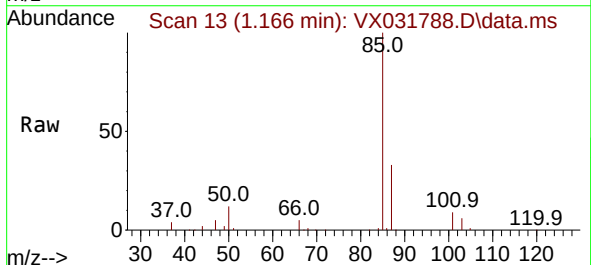
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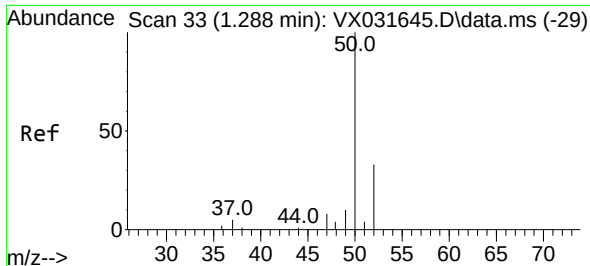
Reviewed By :John Carlone 09/30/2022
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#2
Dichlorodifluoromethane
Concen: 48.563 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Tgt Ion: 85 Resp: 48102
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





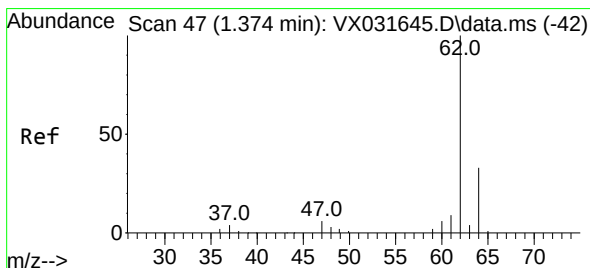
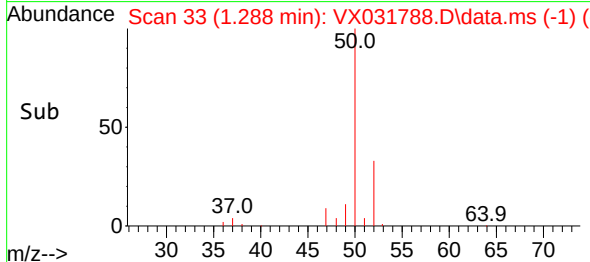
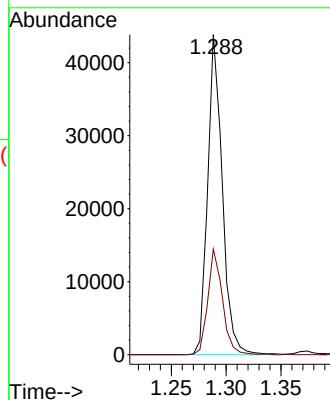
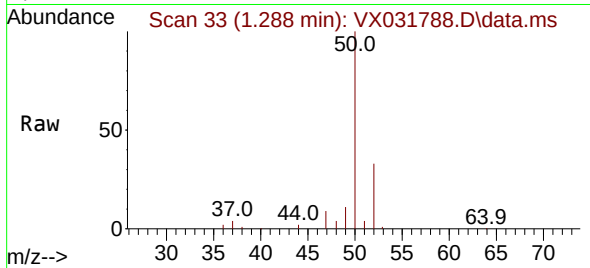
#3
Chloromethane
Concen: 46.083 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031788.D
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VSTDCCC050

Tgt Ion: 50 Resp: 4051
Ion Ratio Lower Upper
50 100
52 33.0 26.9 40.3

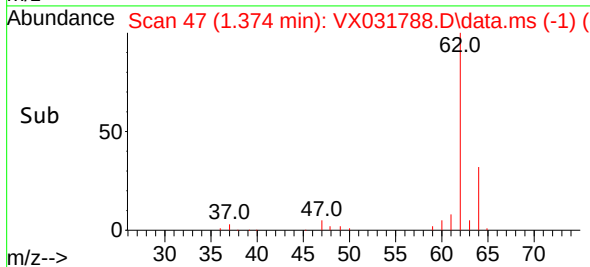
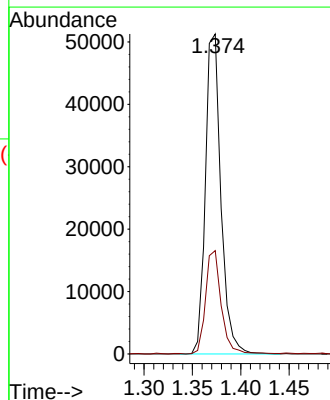
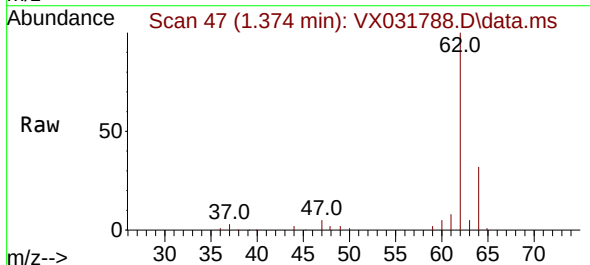
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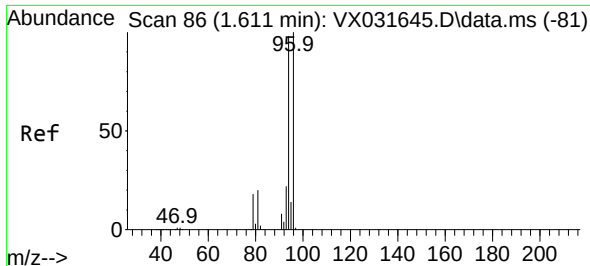
Reviewed By :John Carlone 09/30/2022
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#4
Vinyl Chloride
Concen: 41.999 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

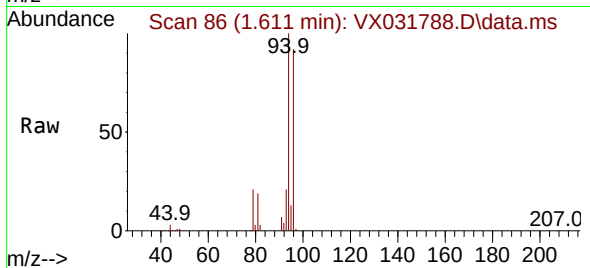
Tgt Ion: 62 Resp: 57250
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5
Bromomethane
Concen: 34.049 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031788.D
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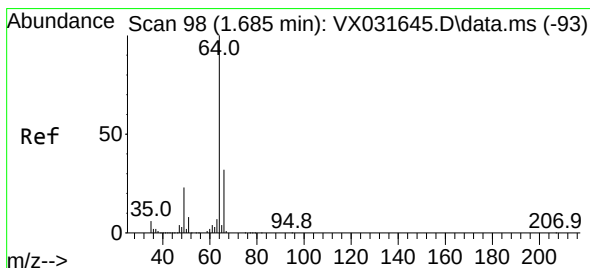
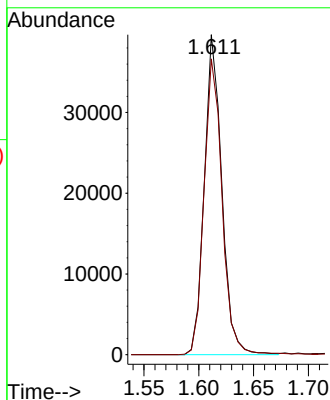
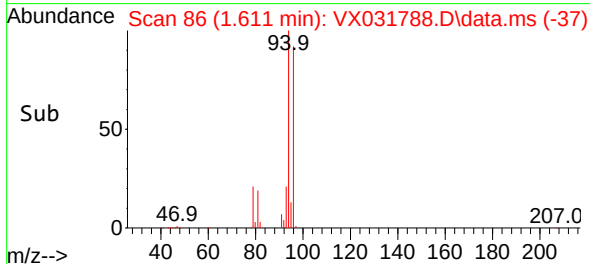
Instrument :
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Tgt Ion: 94 Resp: 43902
Ion Ratio Lower Upper
94 100
96 92.5 74.4 111.6

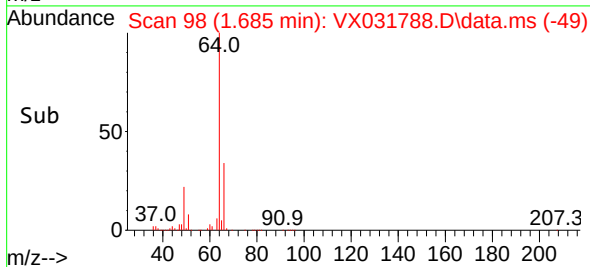
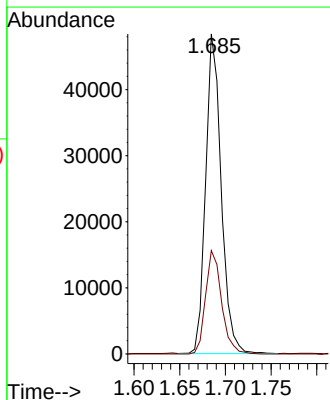
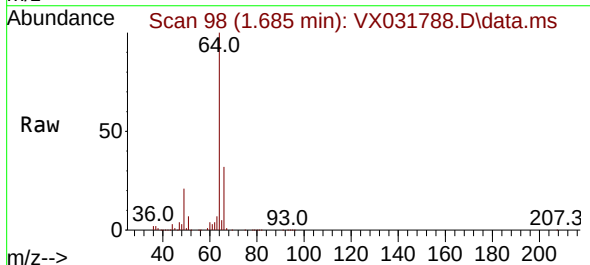
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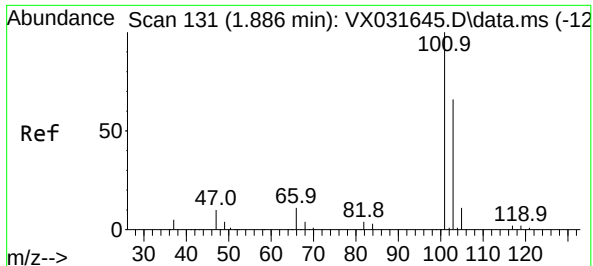
Reviewed By :John Carlone 09/30/2022
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#6
Chloroethane
Concen: 34.833 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

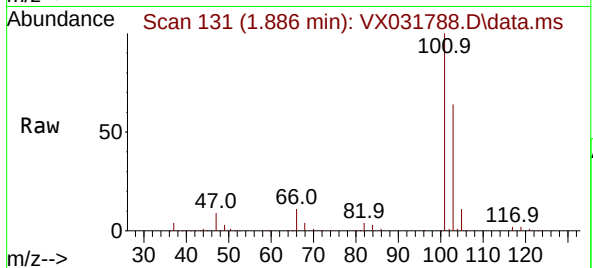
Tgt Ion: 64 Resp: 57072
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4





#7
Trichlorofluoromethane
Concen: 38.235 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

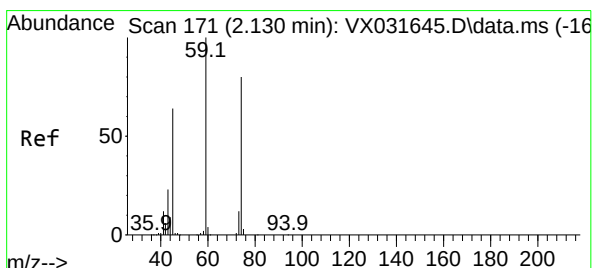
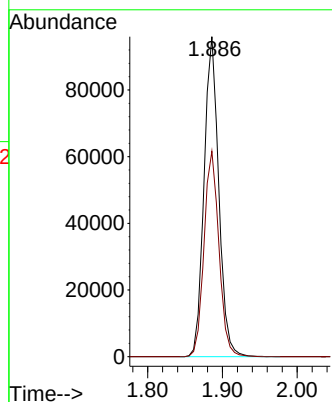
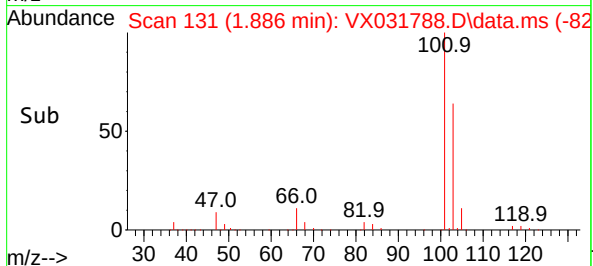
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



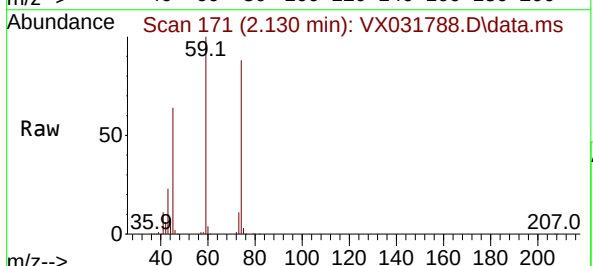
Tgt Ion:101 Resp: 130930
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

Manual Integrations
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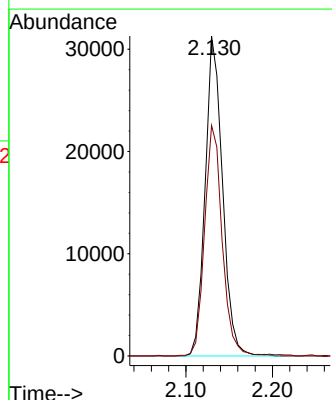
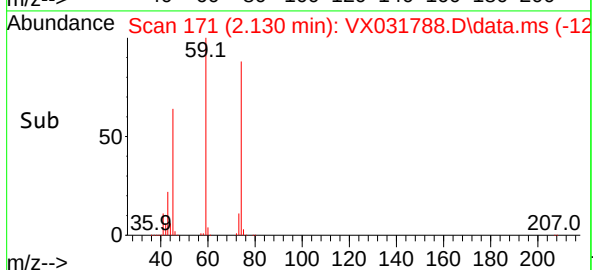
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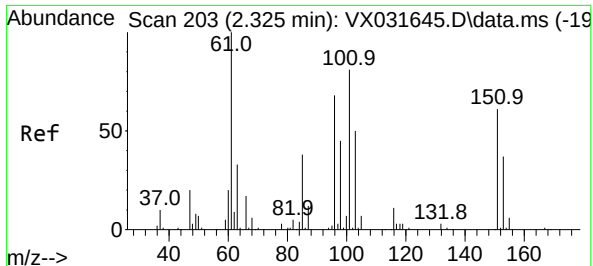


#8
Diethyl Ether
Concen: 45.128 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 43508
Ion Ratio Lower Upper
74 100
45 73.0 48.5 145.6





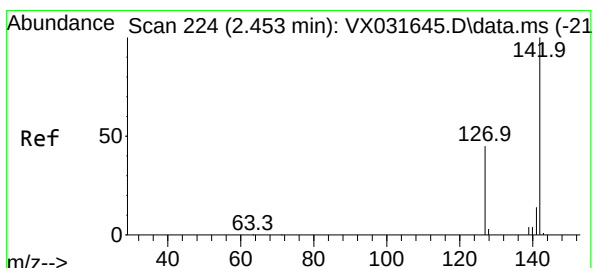
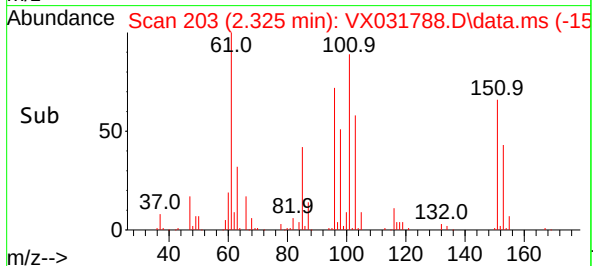
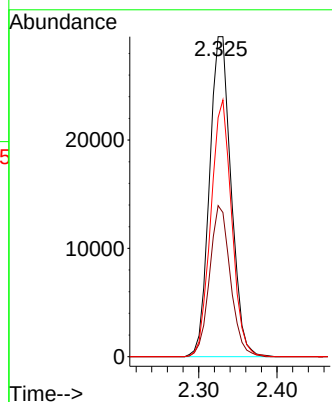
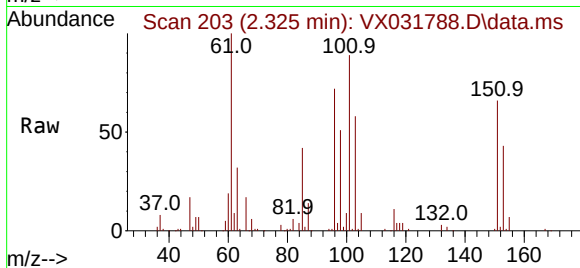
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.321 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 56604
Ion Ratio Lower Upper
101 100
85 45.5 38.6 57.8
151 77.5 54.0 81.0

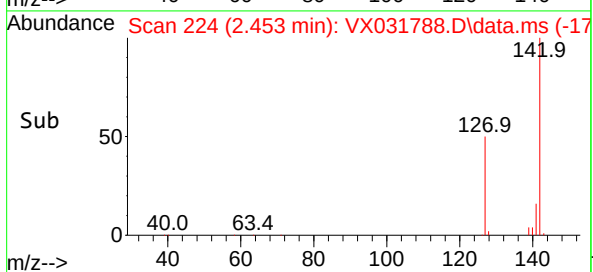
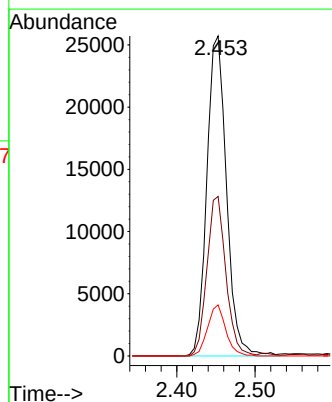
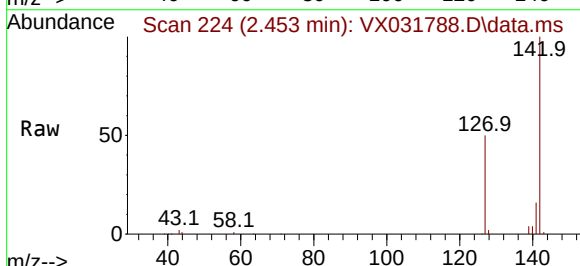
Manual Integrations
APPROVED

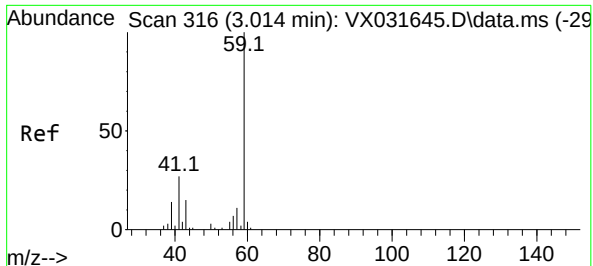
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 42.250 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

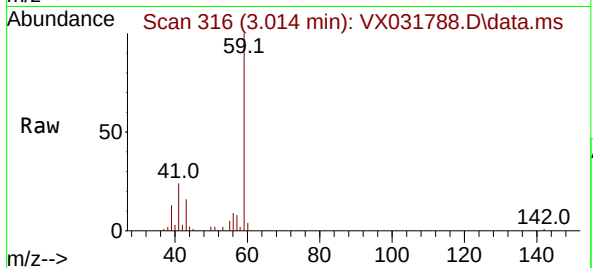
Tgt Ion:142 Resp: 44803
Ion Ratio Lower Upper
142 100
127 48.1 37.4 56.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 257.802 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.025 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

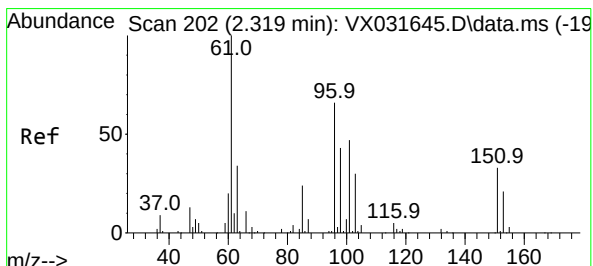
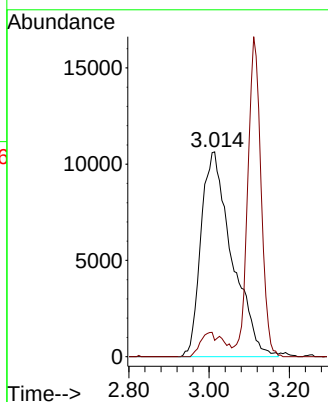
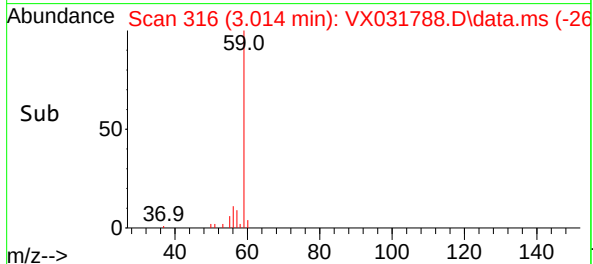
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



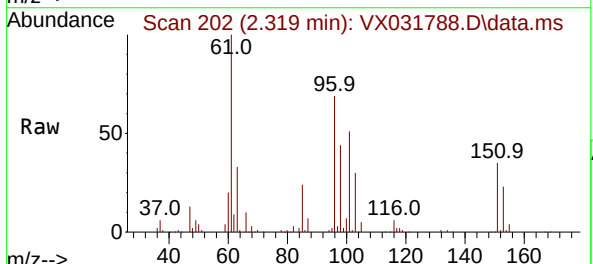
Tgt Ion: 59 Resp: 5700
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.2

Manual Integrations
APPROVED

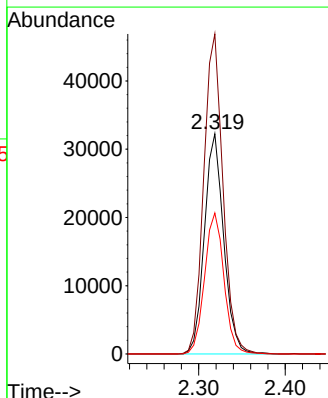
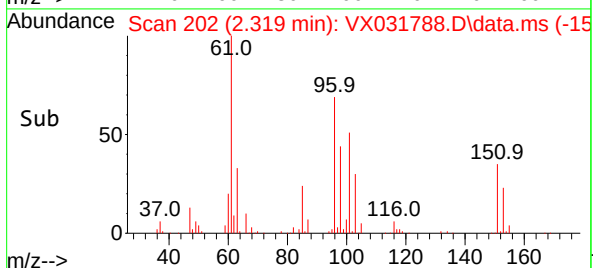
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

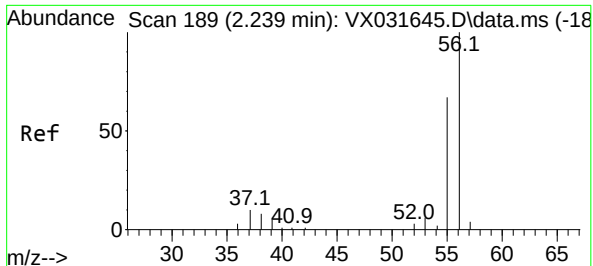


#12
1,1-Dichloroethene
Concen: 60.612 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



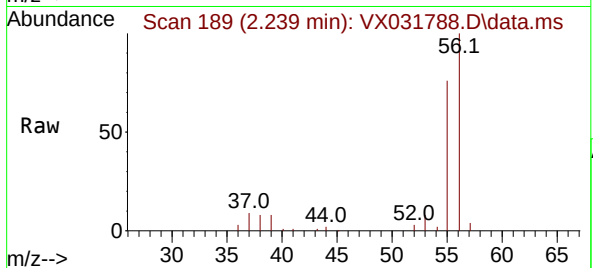
Tgt Ion: 96 Resp: 49867
Ion Ratio Lower Upper
96 100
61 145.4 135.3 202.9
98 64.0 49.4 74.2





#13
Acrolein
Concen: 218.975 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

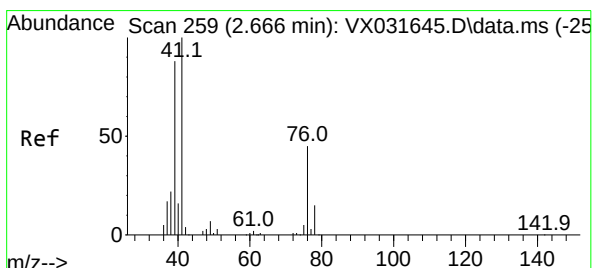
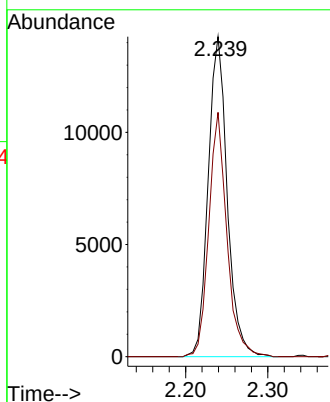
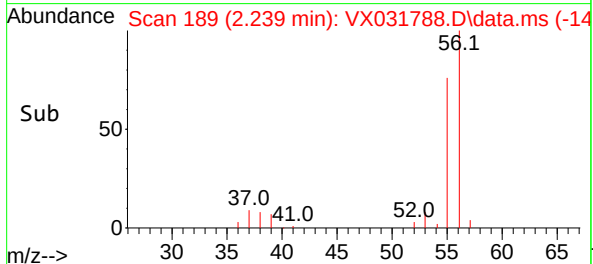
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22960
Ion Ratio Lower Upper
56 100
55 72.7 56.0 84.0

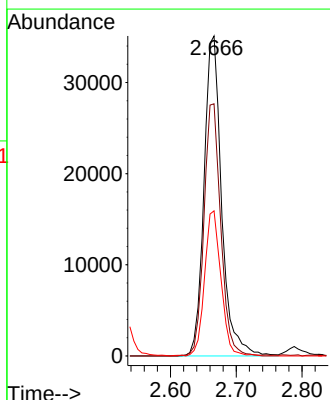
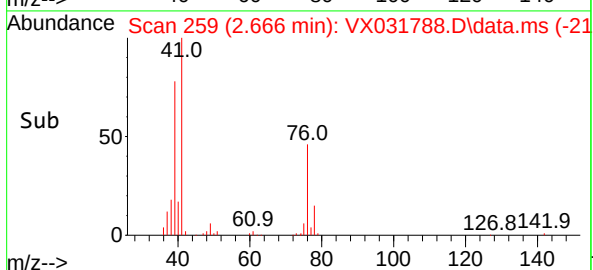
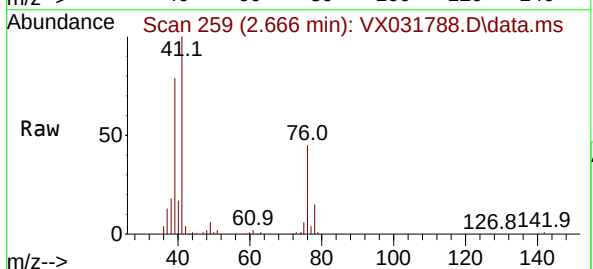
Manual Integrations
APPROVED

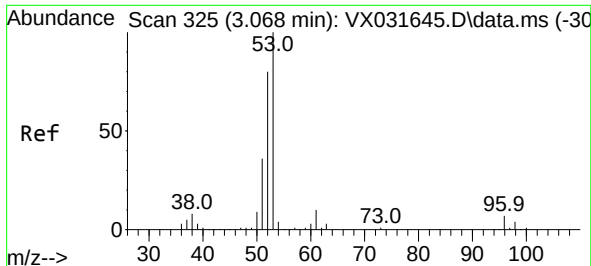
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 46.026 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

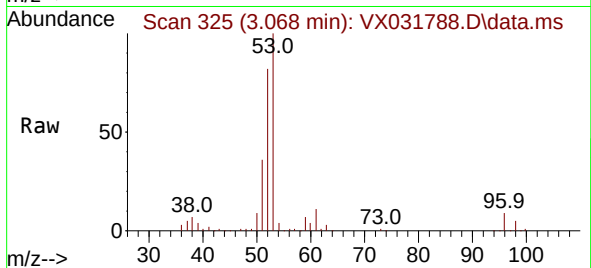
Tgt Ion: 41 Resp: 65514
Ion Ratio Lower Upper
41 100
39 75.1 58.2 87.4
76 42.3 26.9 40.3





#15
Acrylonitrile
Concen: 230.205 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

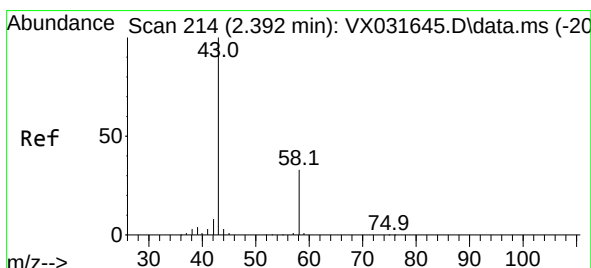
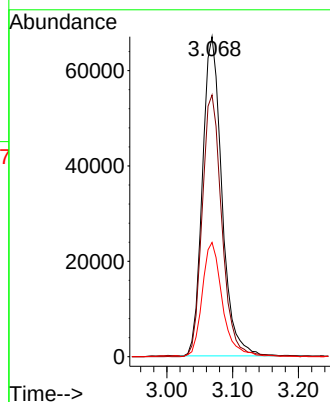
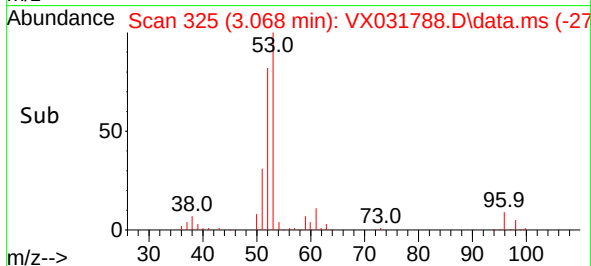
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 13800
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 37.2 30.0 45.0

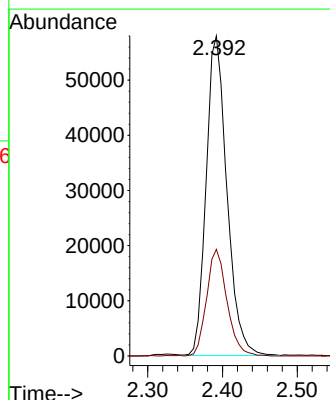
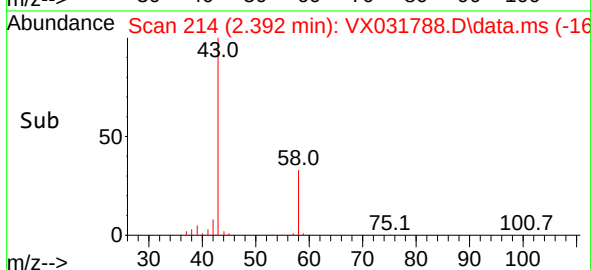
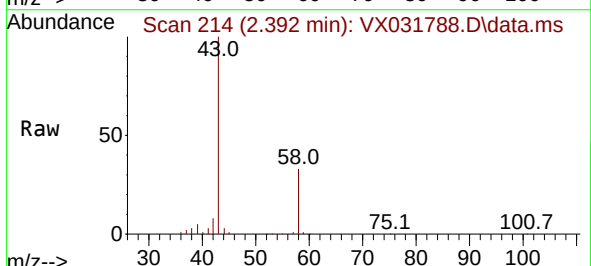
Manual Integrations
APPROVED

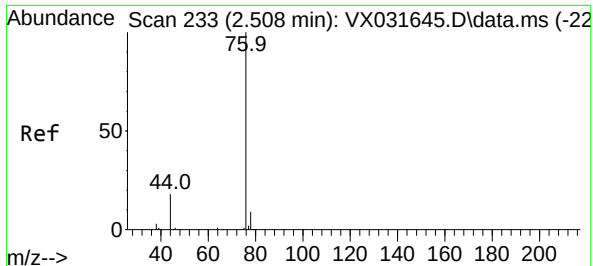
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 281.052 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

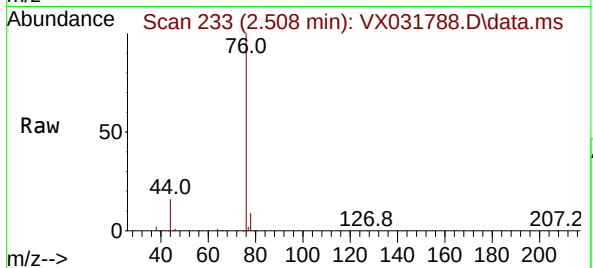
Tgt Ion: 43 Resp: 111466
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.8





#17
Carbon Disulfide
Concen: 50.585 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

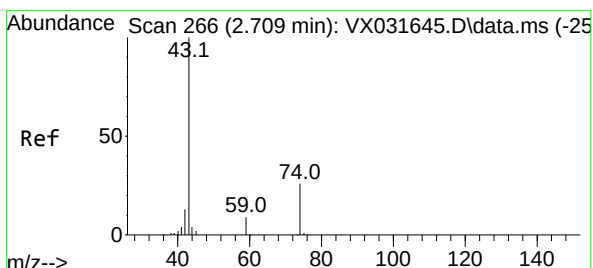
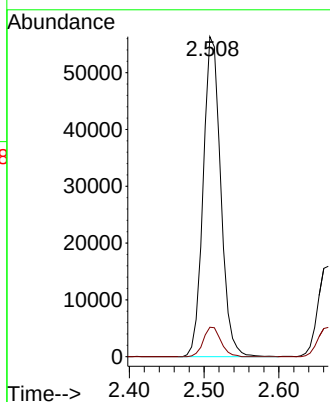
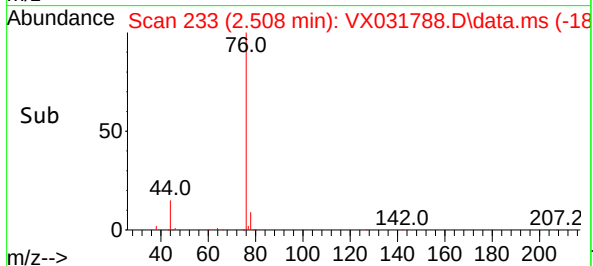
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 9172
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

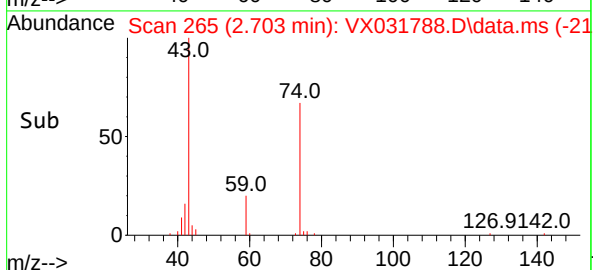
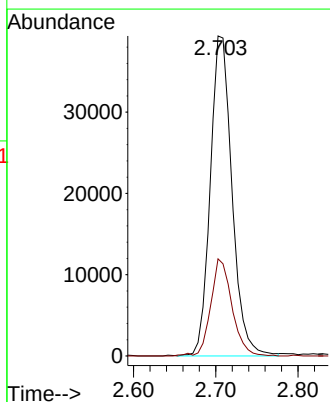
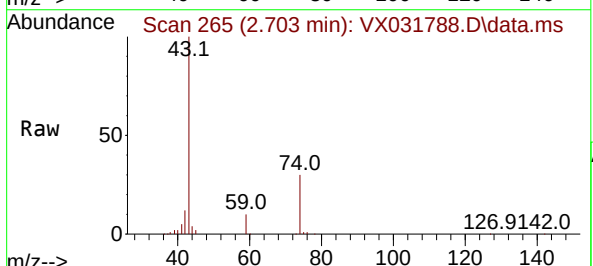
Manual Integrations
APPROVED

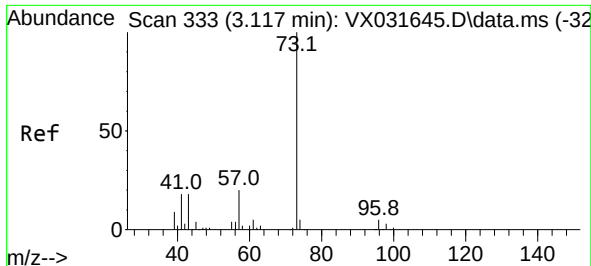
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 46.640 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

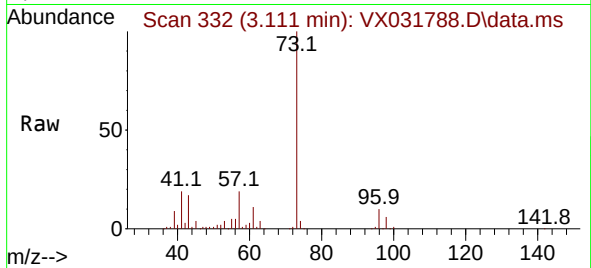
Tgt Ion: 43 Resp: 72398
Ion Ratio Lower Upper
43 100
74 29.6 18.6 27.8#





#19
Methyl tert-butyl Ether
Concen: 50.819 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

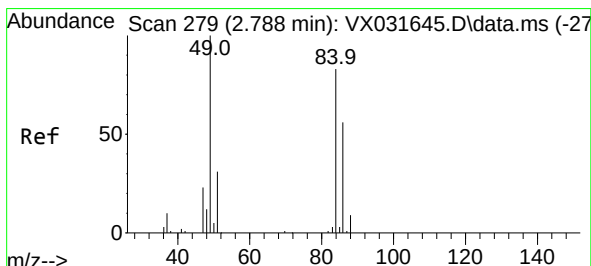
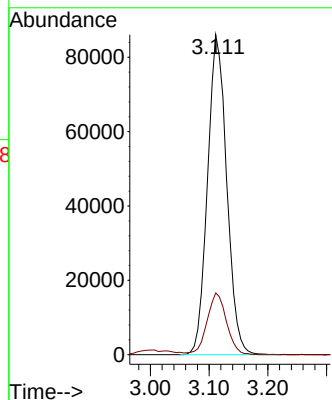
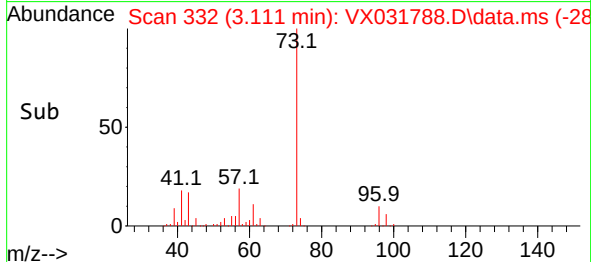
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 195249
Ion Ratio Lower Upper
73 100
57 19.3 17.2 25.8

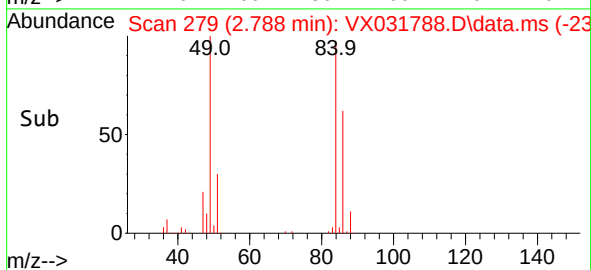
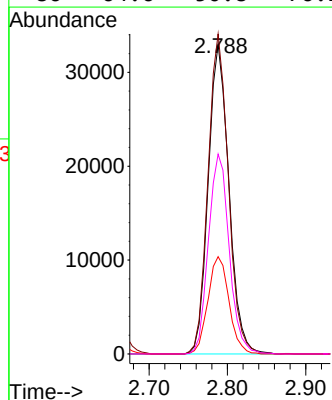
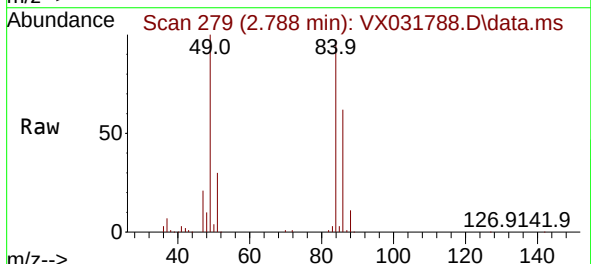
Manual Integrations
APPROVED

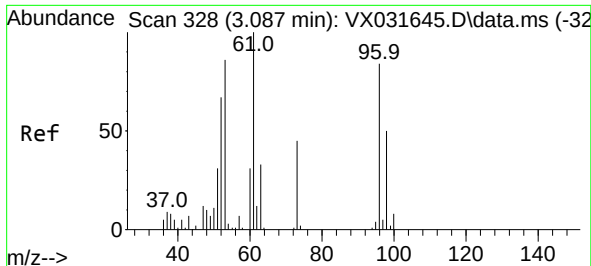
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 55.590 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

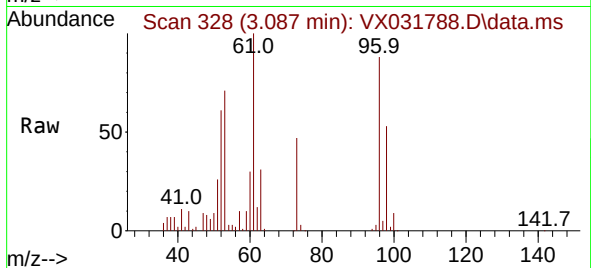
Tgt Ion: 84 Resp: 60517
Ion Ratio Lower Upper
84 100
49 103.3 105.9 158.9#
51 31.4 32.2 48.2#
86 64.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.233 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

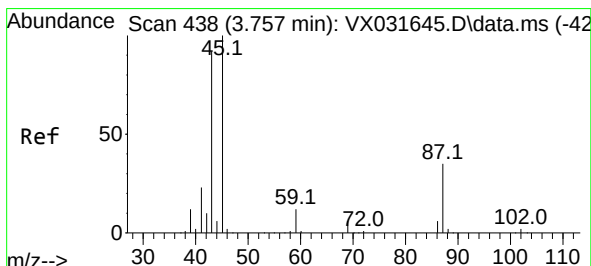
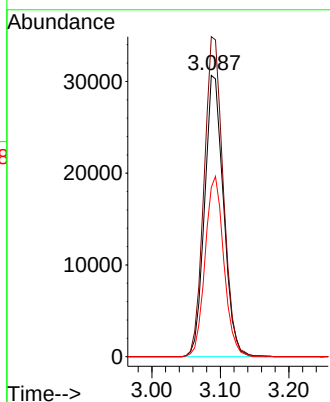
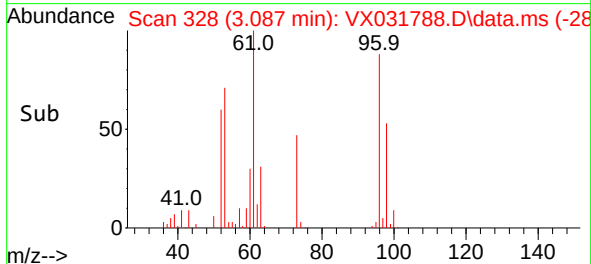
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



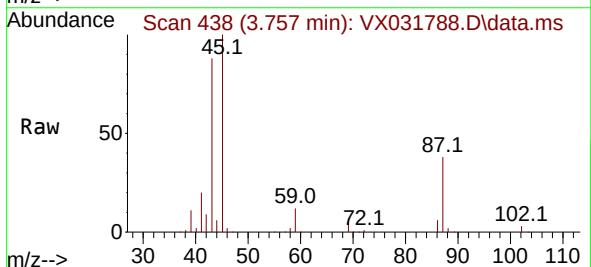
Tgt Ion: 96 Resp: 58884
Ion Ratio Lower Upper
96 100
61 113.7 106.7 160.1
98 60.2 48.7 73.1

Manual Integrations
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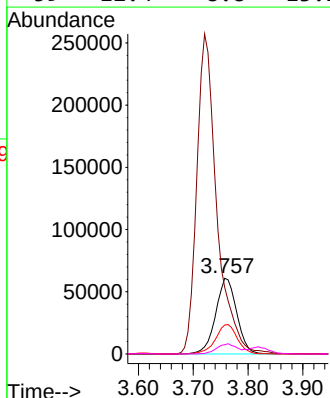
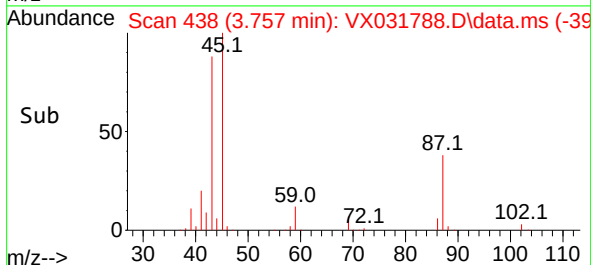
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

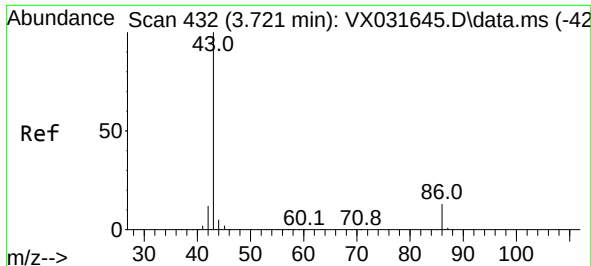


#22
Diisopropyl ether
Concen: 44.427 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



Tgt Ion: 45 Resp: 162752
Ion Ratio Lower Upper
45 100
43 87.2 59.0 88.6
87 38.4 22.6 33.8#
59 12.4 8.8 13.2





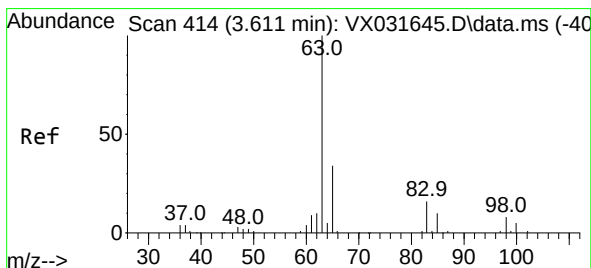
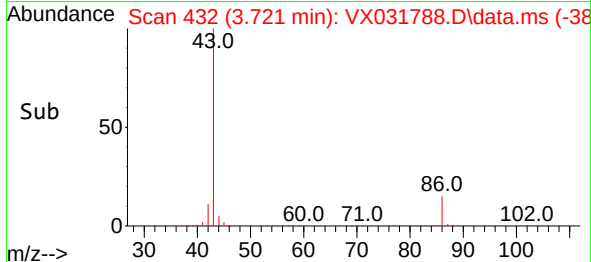
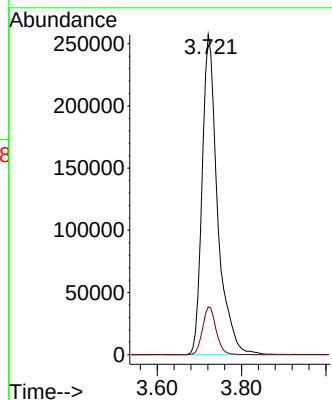
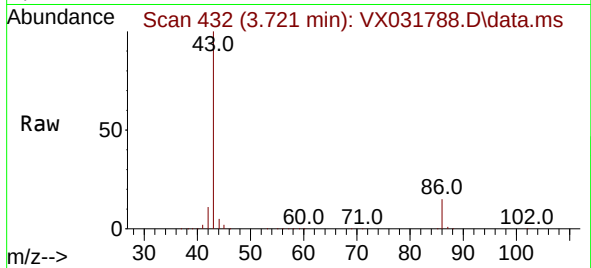
#23
 Vinyl Acetate
 Concen: 225.890 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031788.D
 Acq: 29 Sep 2022 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 654454
 Ion Ratio Lower Upper
 43 100
 86 15.0 8.7 13.1

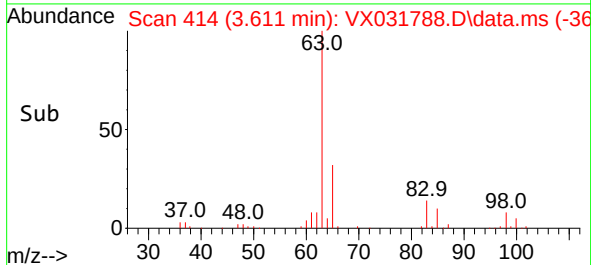
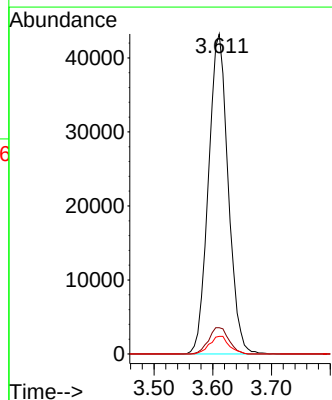
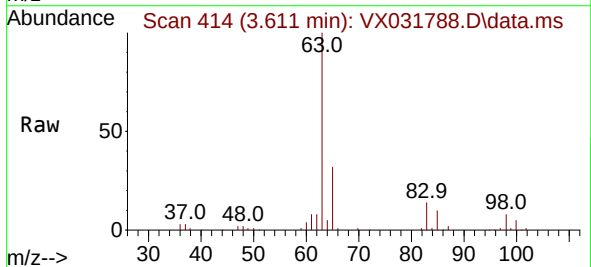
Manual Integrations
 APPROVED

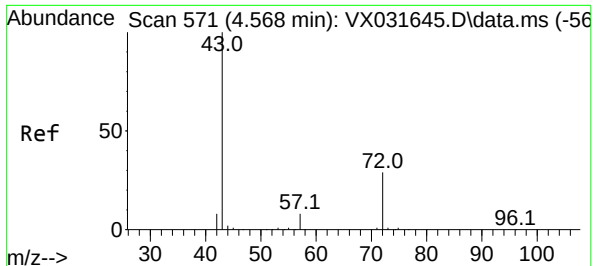
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 47.717 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031788.D
 Acq: 29 Sep 2022 21:20

Tgt Ion: 63 Resp: 100778
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 221.045 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 18225

Ion Ratio Lower Upper

43 100

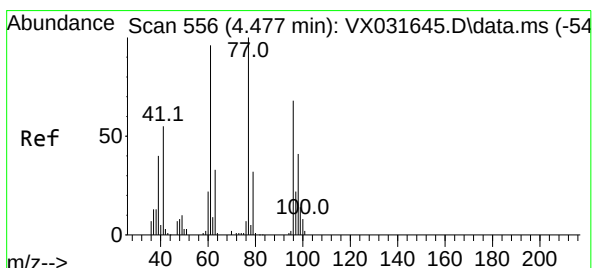
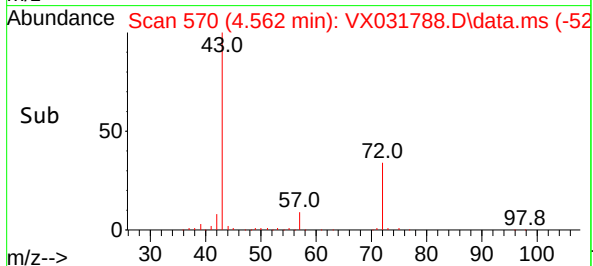
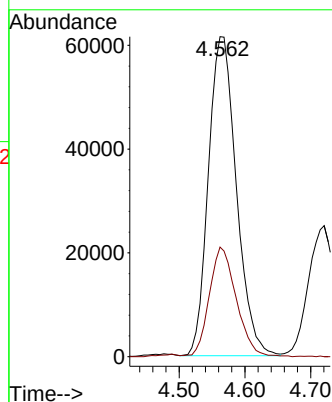
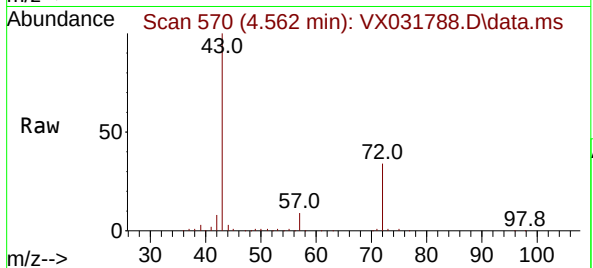
72 34.1 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 44.482 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031788.D

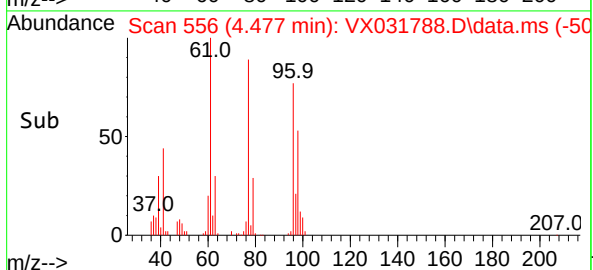
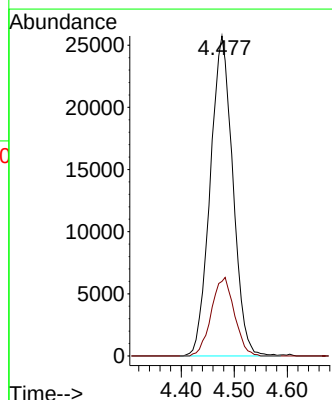
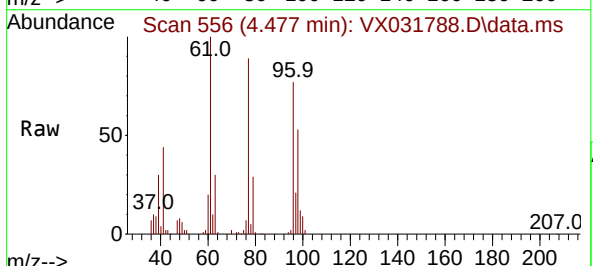
Acq: 29 Sep 2022 21:20

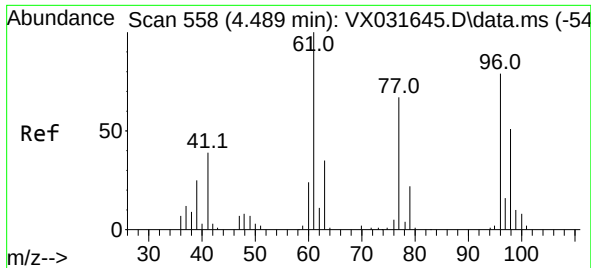
Tgt Ion: 77 Resp: 76251

Ion Ratio Lower Upper

77 100

97 25.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 51.334 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

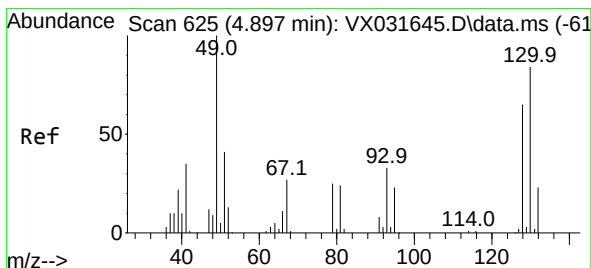
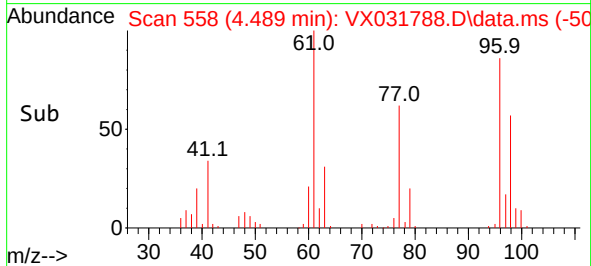
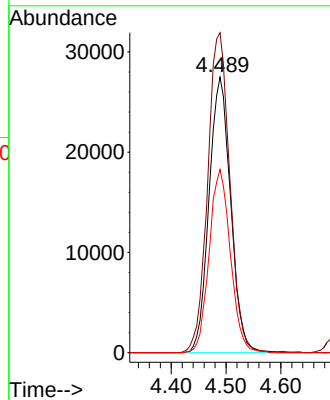
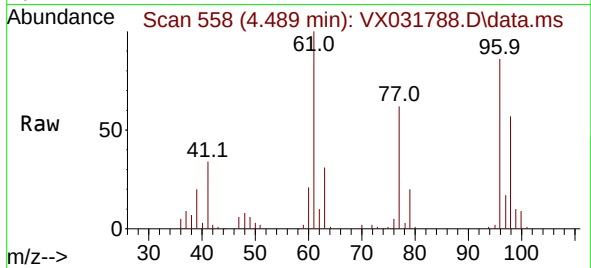
Tgt Ion: 96	Resp: 7519
Ion Ratio	Lower Upper
96 100	
61 119.2	0.0 305.2
98 65.3	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 39.467 ug/l

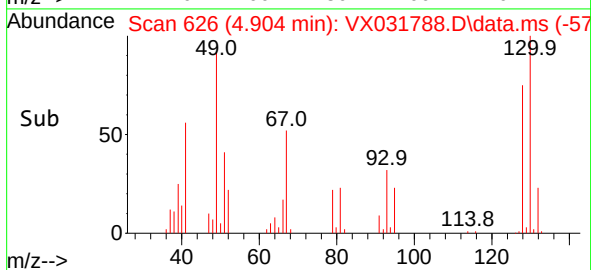
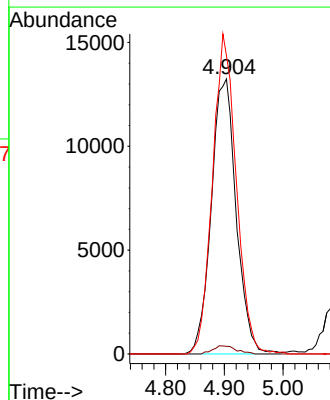
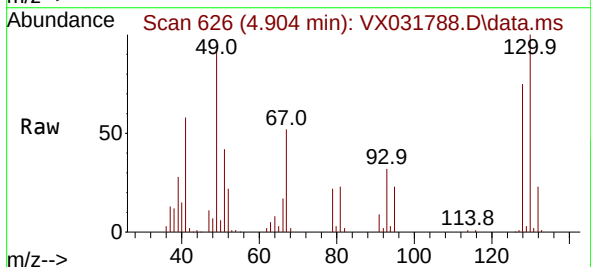
RT: 4.904 min Scan# 626

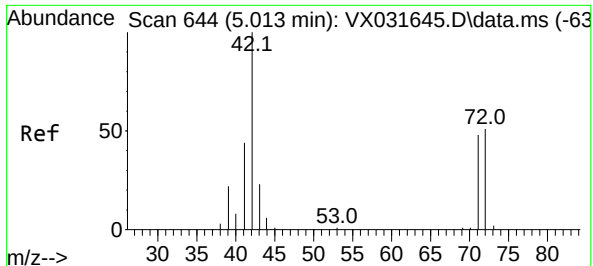
Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Tgt Ion: 49	Resp: 38993
Ion Ratio	Lower Upper
49 100	
129 2.8	0.0 3.6
130 111.1	59.0 88.4





#29

Tetrahydrofuran

Concen: 222.856 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 11543

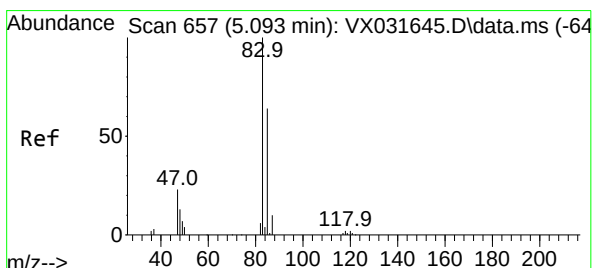
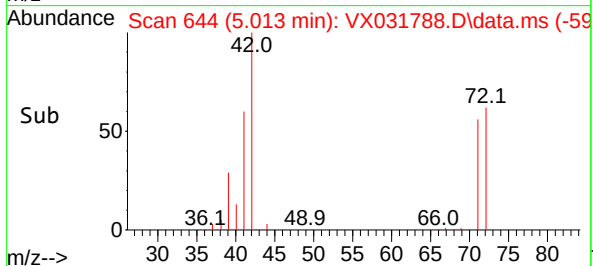
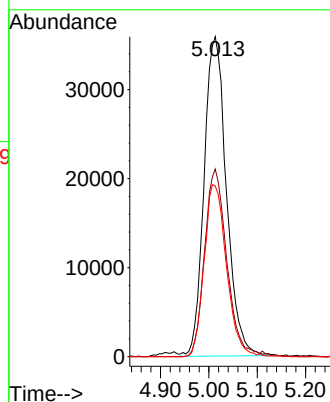
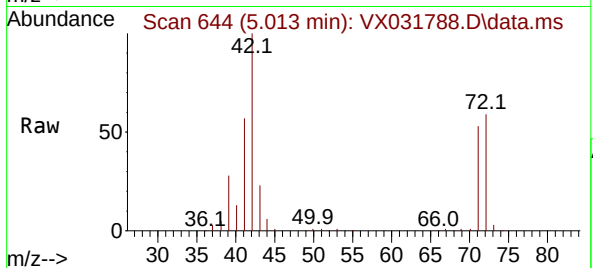
Ion	Ratio	Lower	Upper
42	100		
72	58.7	36.4	54.6
71	53.8	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 48.867 ug/l

RT: 5.093 min Scan# 657

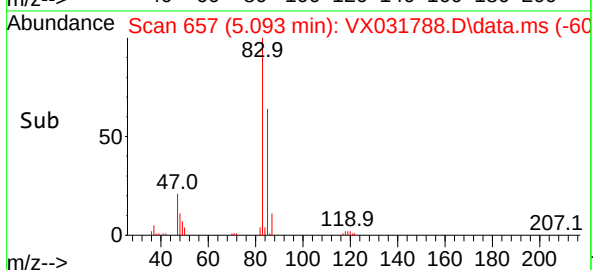
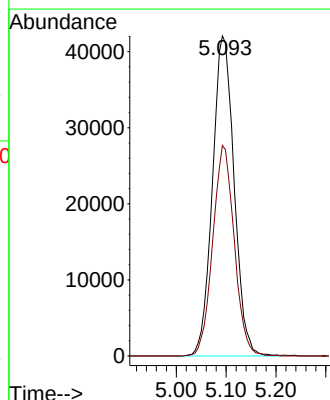
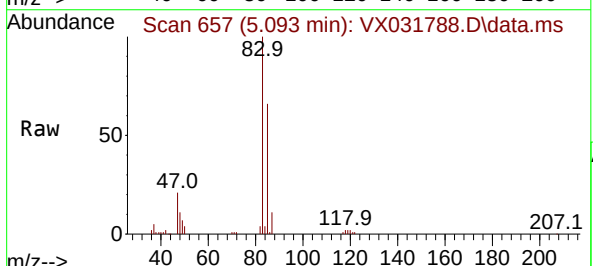
Delta R.T. -0.006 min

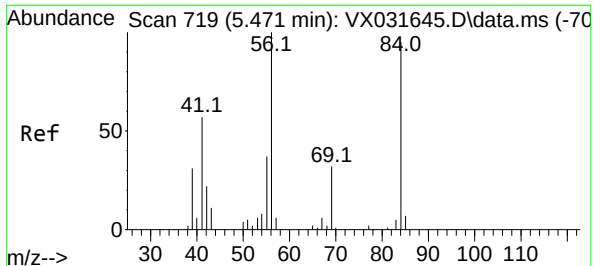
Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Tgt Ion: 83 Resp: 126964

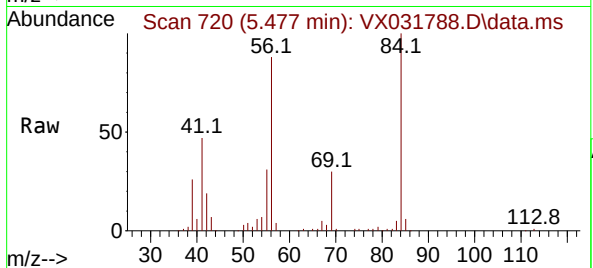
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.8	79.2





#31
Cyclohexane
Concen: 45.504 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

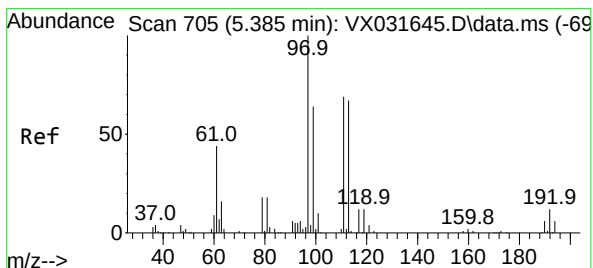
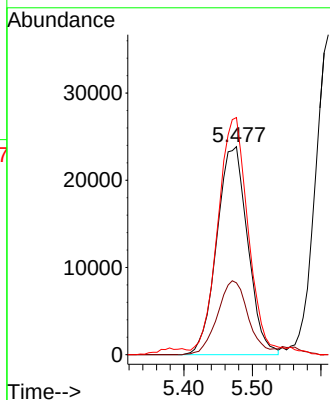
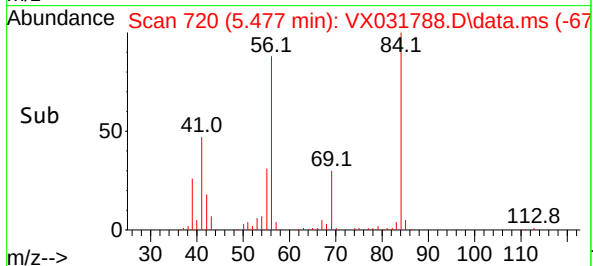
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7473
Ion Ratio Lower Upper
56 100
69 34.6 25.1 37.7
84 111.4 70.2 105.4

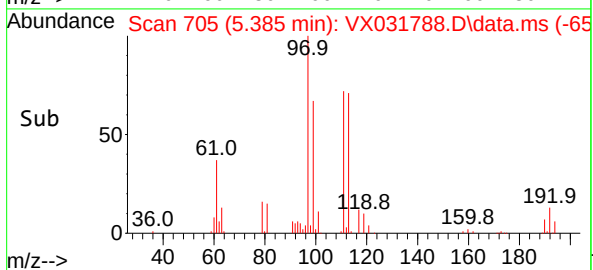
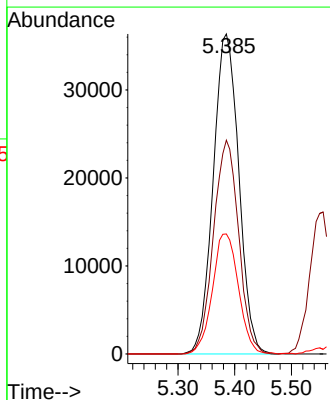
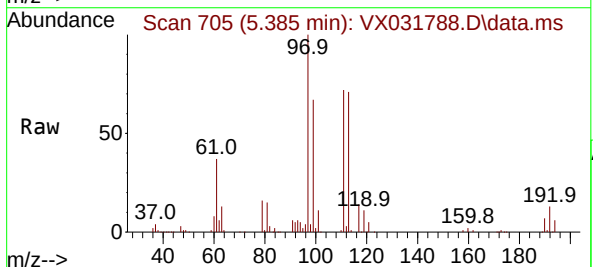
Manual Integrations
APPROVED

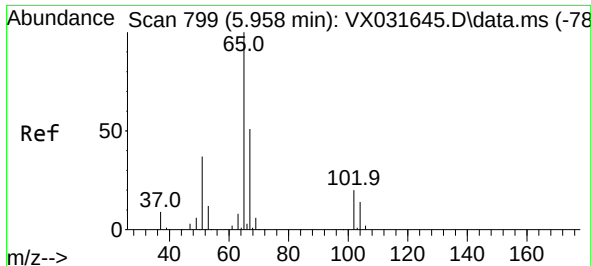
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#32
1,1,1-Trichloroethane
Concen: 53.021 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Tgt Ion: 97 Resp: 114096
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 38.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.127 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7795

Ion Ratio Lower Upper

65 100

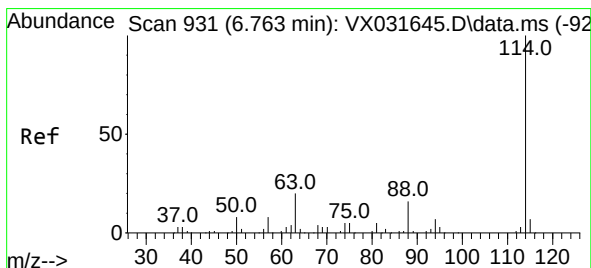
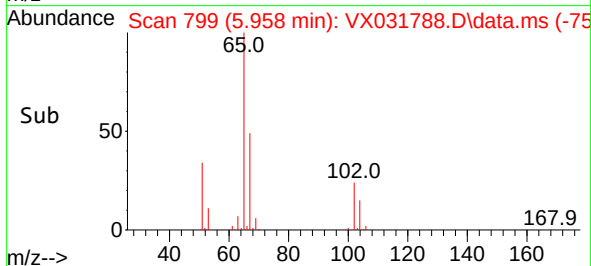
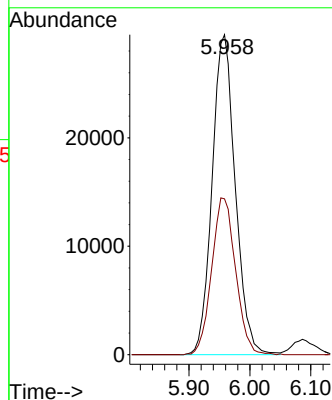
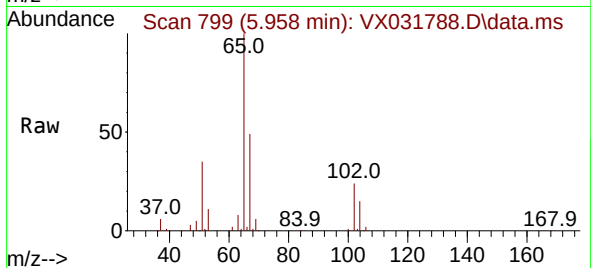
67 50.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

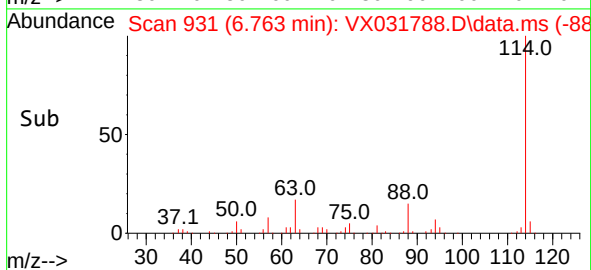
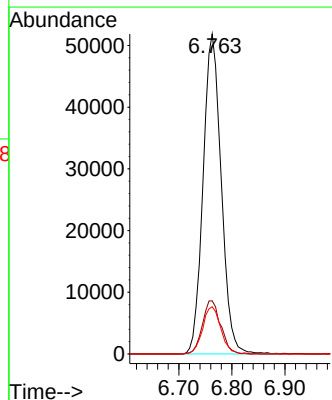
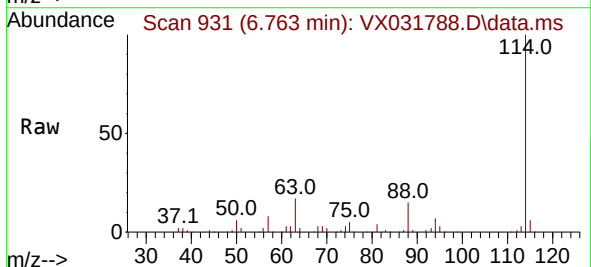
Tgt Ion:114 Resp: 123196

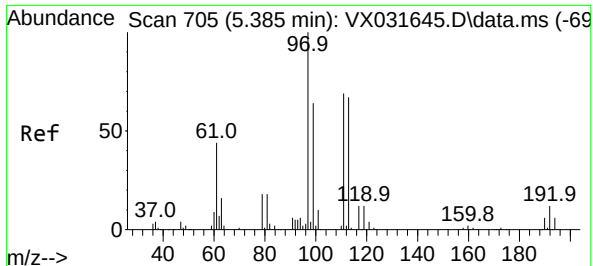
Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.6

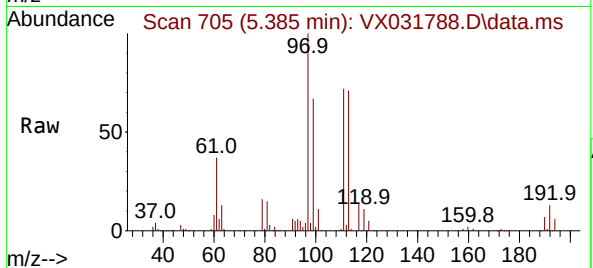
88 14.8 0.0 33.0





#35
Dibromofluoromethane
Concen: 49.976 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

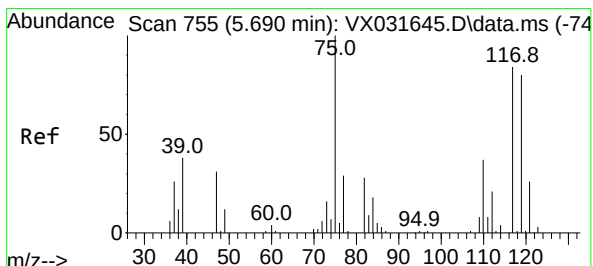
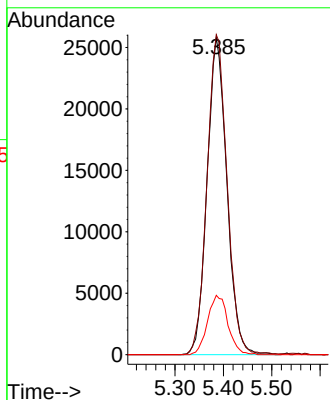
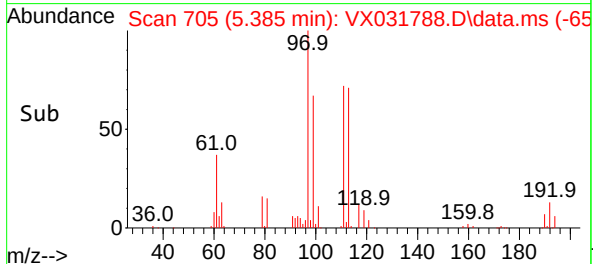
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



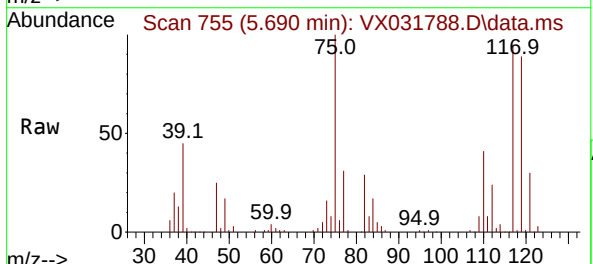
Tgt Ion:113 Resp: 73360
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.3 14.1 21.1

Manual Integrations
APPROVED

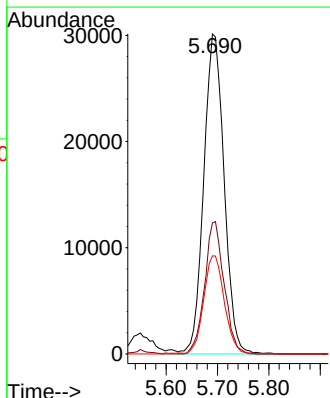
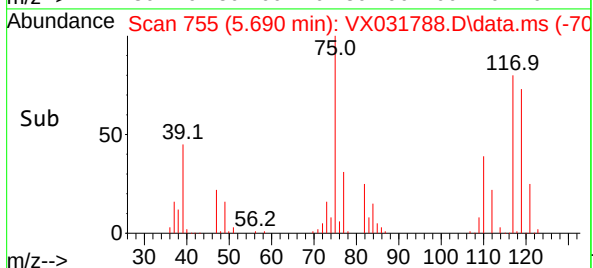
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

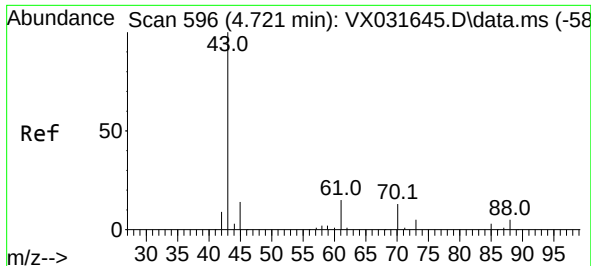


#36
1,1-Dichloropropene
Concen: 49.190 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



Tgt Ion: 75 Resp: 82924
Ion Ratio Lower Upper
75 100
110 39.5 17.5 52.5
77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 44.098 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

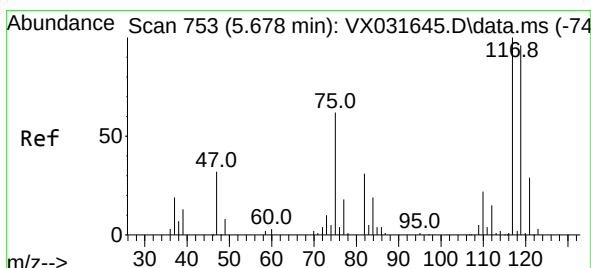
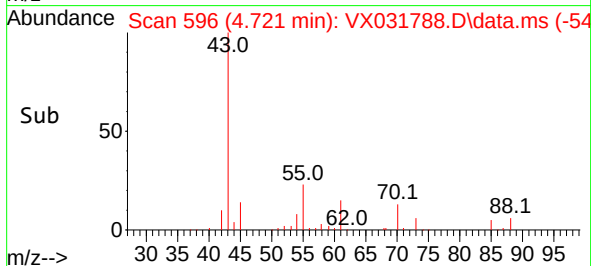
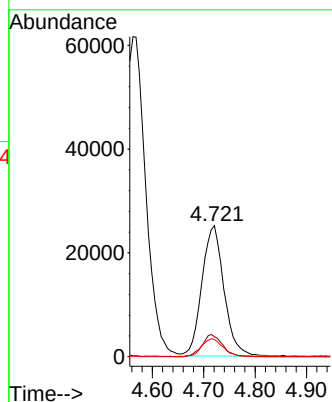
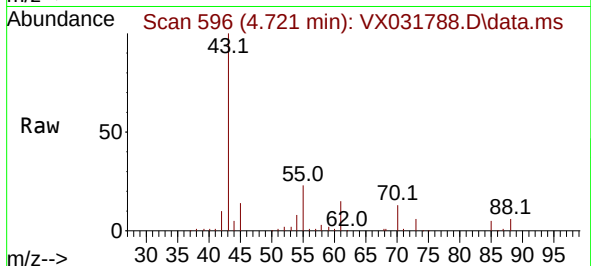
Tgt Ion:	43	Resp:	7498
Ion Ratio	Lower	Upper	
43	100		
61	15.8	11.1	16.7
70	13.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 54.104 ug/l

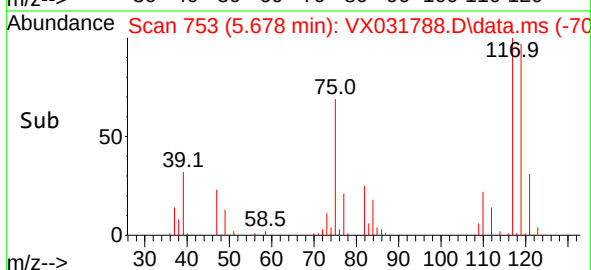
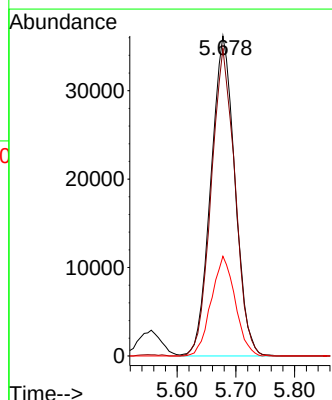
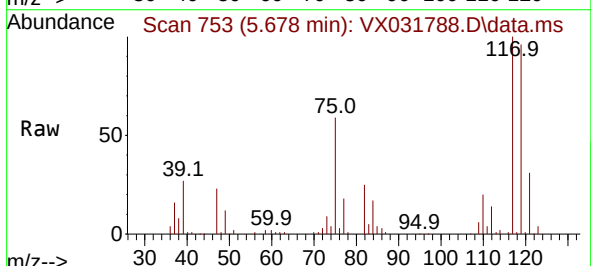
RT: 5.678 min Scan# 753

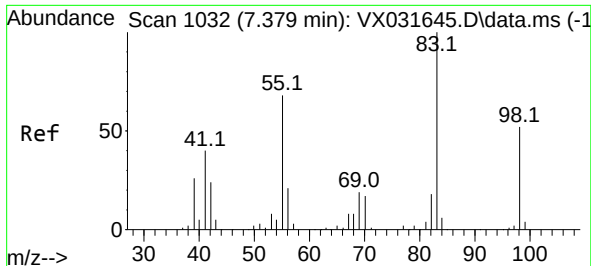
Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Tgt Ion:	117	Resp:	102789
Ion Ratio	Lower	Upper	
117	100		
119	96.1	74.6	112.0
121	31.1	25.3	37.9





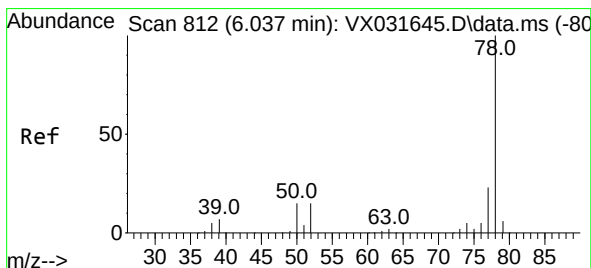
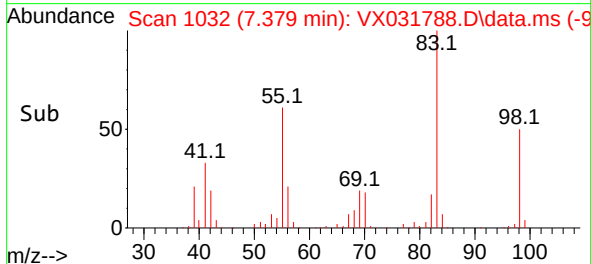
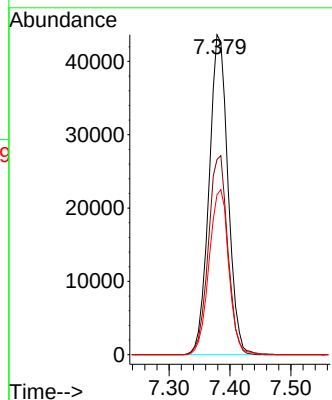
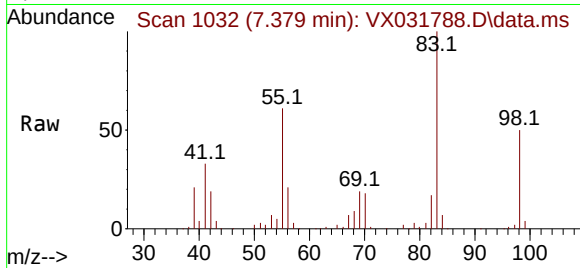
#39
Methylcyclohexane
Concen: 49.124 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9435
Ion Ratio Lower Upper
83 100
55 61.0 61.0 91.4
98 50.0 37.7 56.5

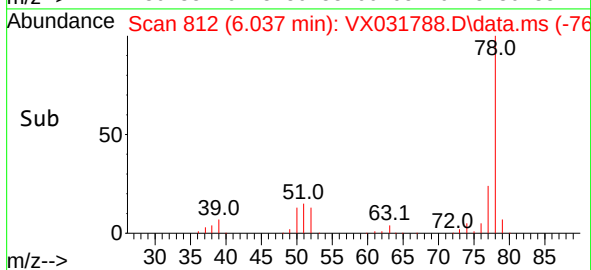
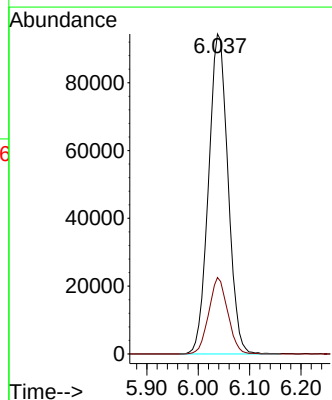
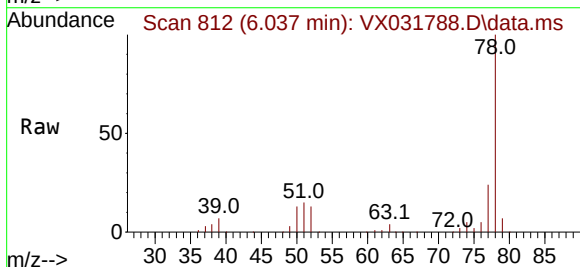
Manual Integrations
APPROVED

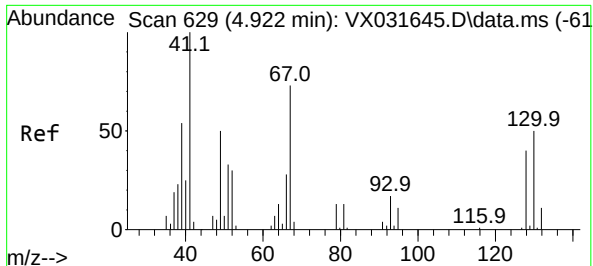
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#40
Benzene
Concen: 47.891 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

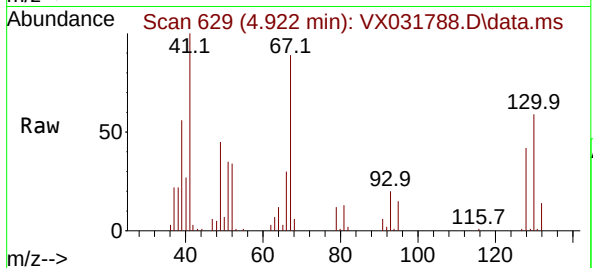
Tgt Ion: 78 Resp: 247958
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1





#41
Methacrylonitrile
Concen: 45.343 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

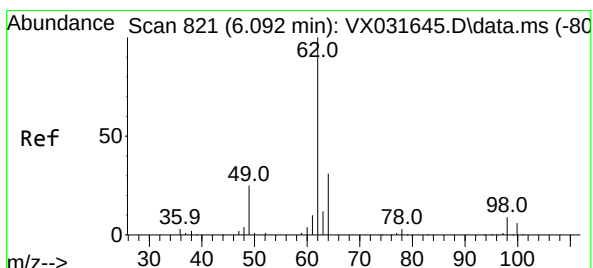
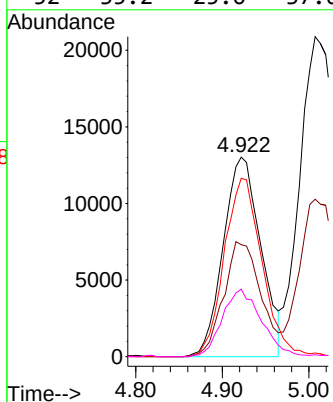
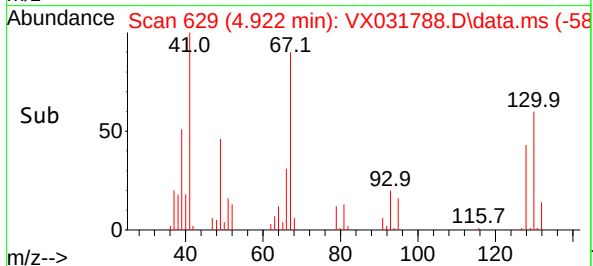
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	3923
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.0	67.6
67	90.4	58.2	87.4
52	35.2	25.0	37.6

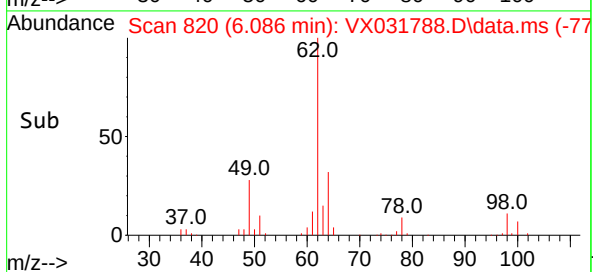
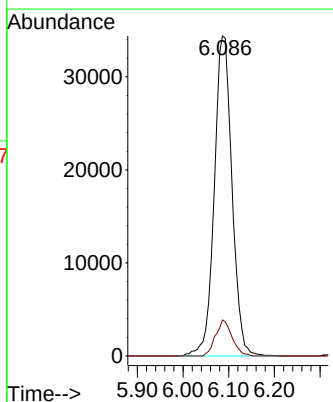
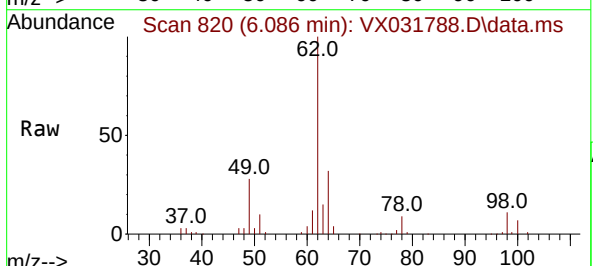
Manual Integrations
APPROVED

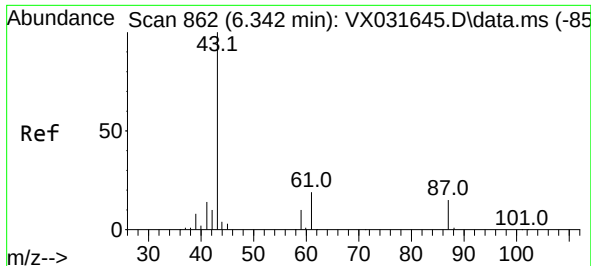
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 46.391 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Tgt Ion:	62	Resp:	92893
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.8





#43

Isopropyl Acetate

Concen: 45.200 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031788.D

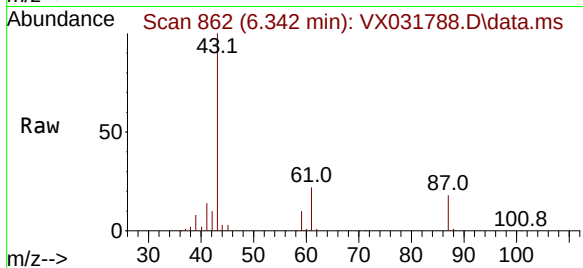
Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



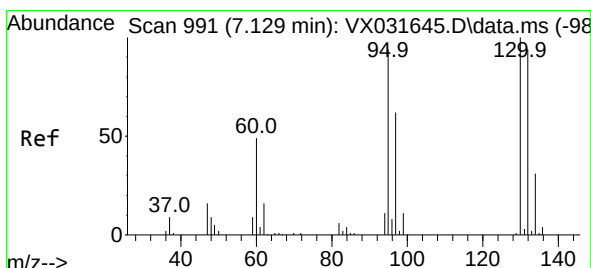
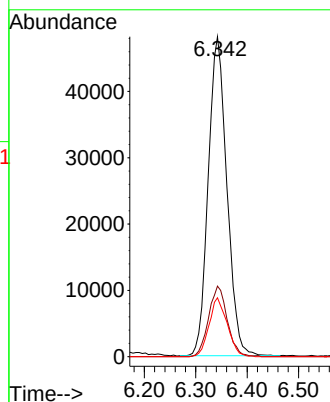
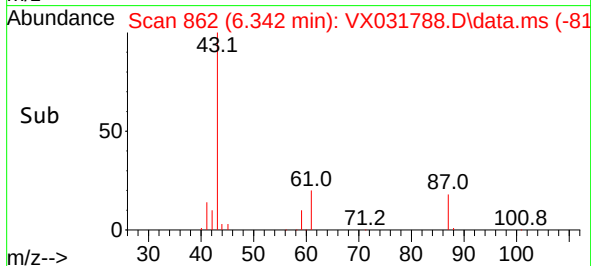
Tgt Ion:	43	Resp:	12096
Ion Ratio	Lower	Upper	
43	100		
61	22.2	15.3	22.9
87	18.0	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#44

Trichloroethene

Concen: 53.457 ug/l

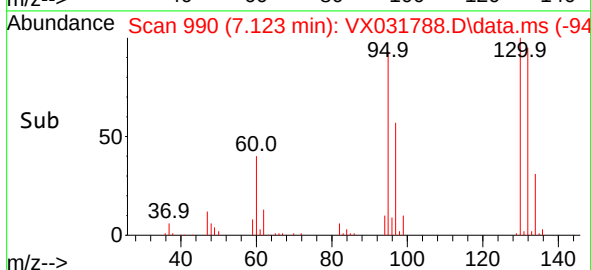
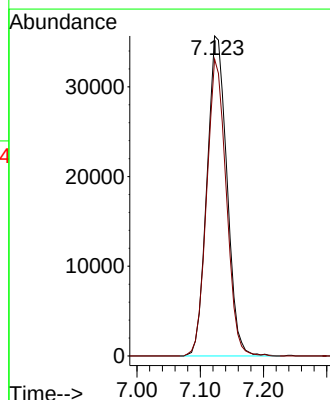
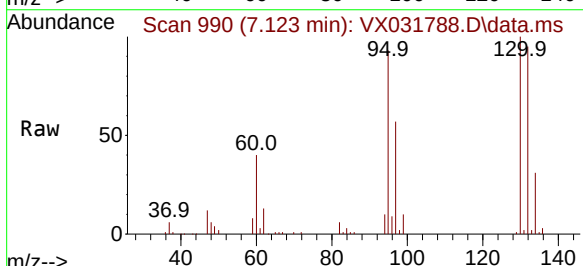
RT: 7.123 min Scan# 990

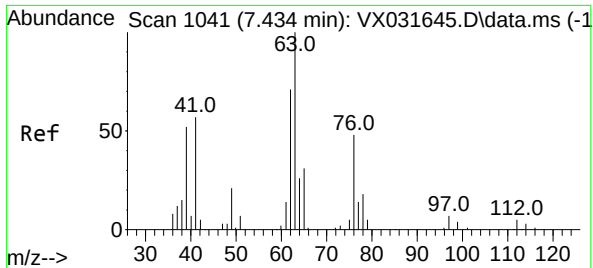
Delta R.T. -0.006 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Tgt Ion:	130	Resp:	78177
Ion Ratio	Lower	Upper	
130	100		
95	92.8	0.0	206.8





#45

1,2-Dichloropropane

Concen: 47.895 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6018

Ion Ratio Lower Upper

63 100

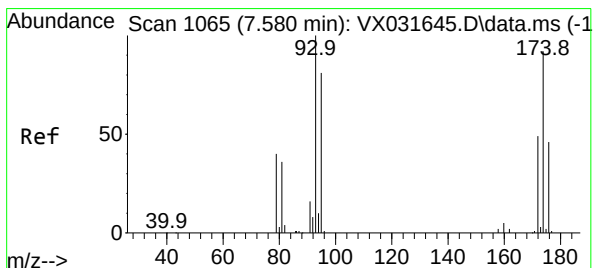
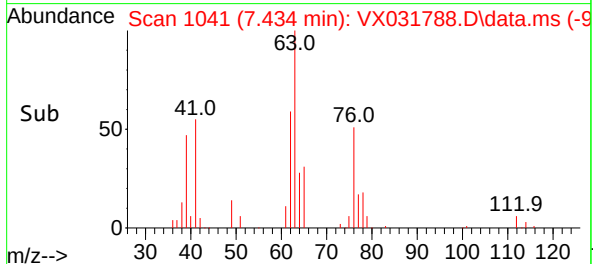
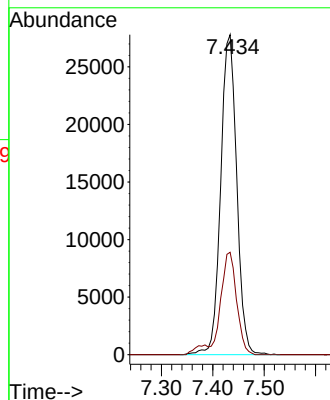
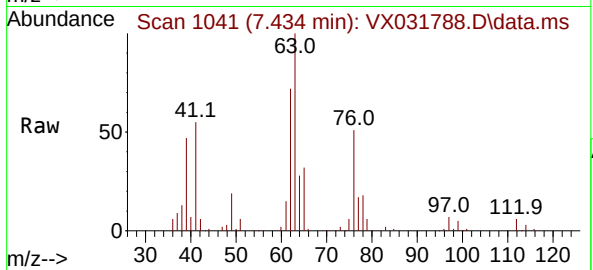
65 32.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 50.636 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

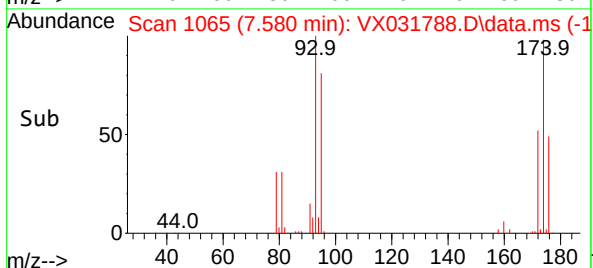
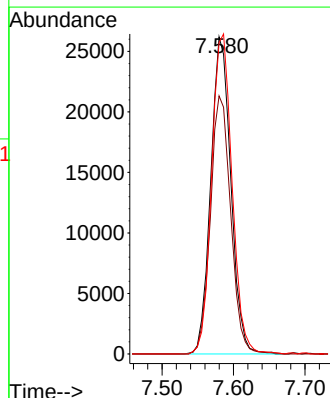
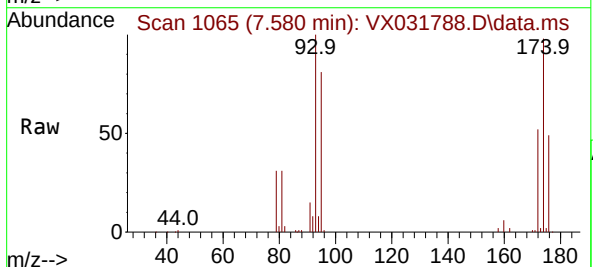
Tgt Ion: 93 Resp: 51099

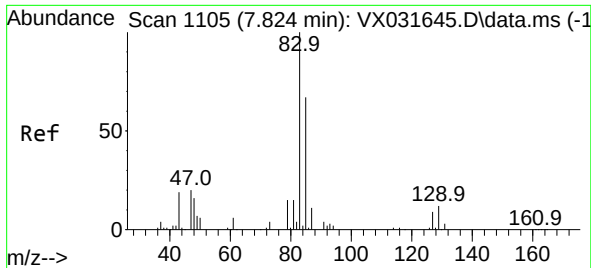
Ion Ratio Lower Upper

93 100

95 82.4 65.5 98.3

174 102.8 67.6 101.4#





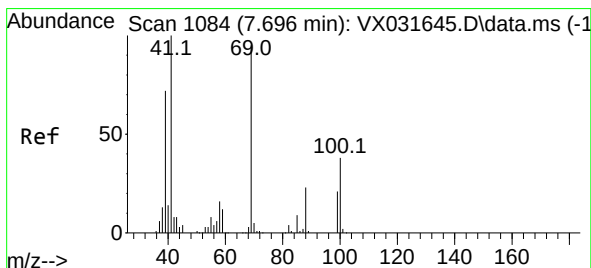
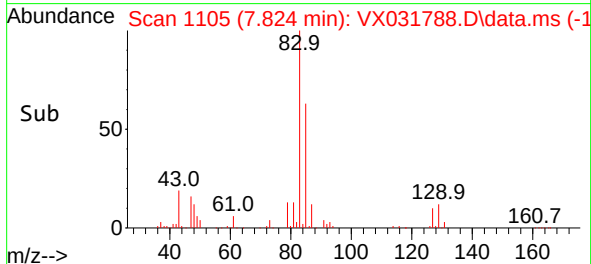
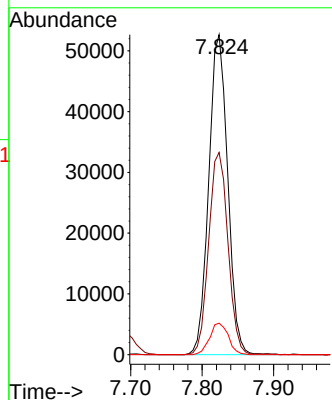
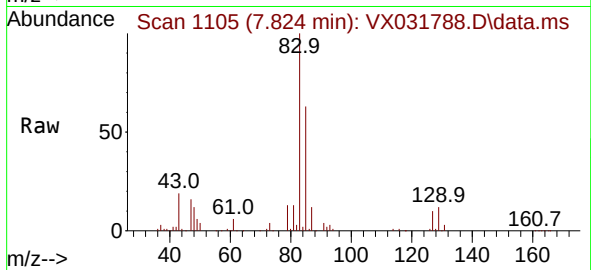
#47
Bromodichloromethane
Concen: 53.235 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9694
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 9.8 7.0 10.6

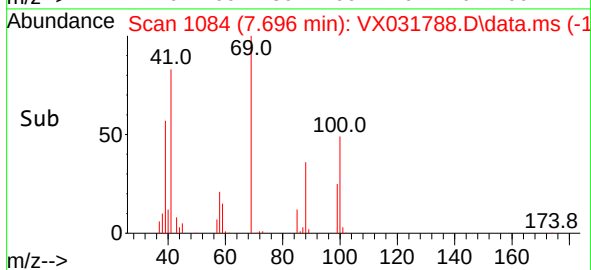
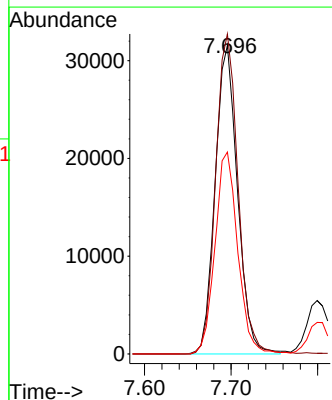
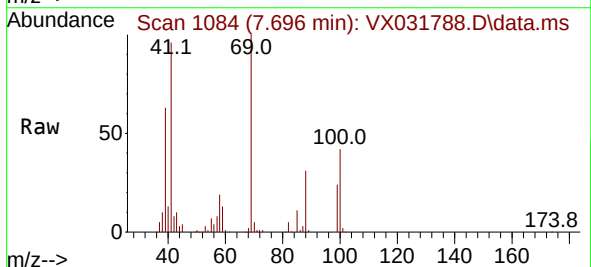
Manual Integrations
APPROVED

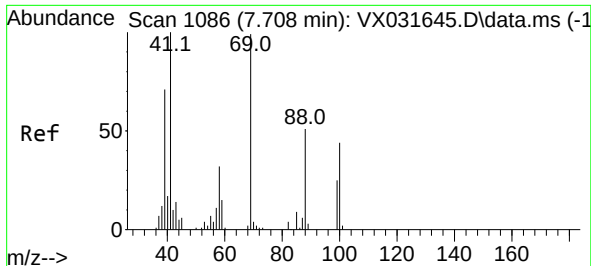
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 48.170 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Tgt Ion: 41 Resp: 56694
Ion Ratio Lower Upper
41 100
69 103.5 64.6 96.8#
39 66.5 51.4 77.0





#49

1,4-Dioxane

Concen: 1172.114 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.018 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

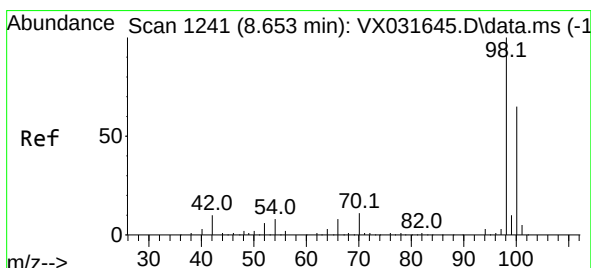
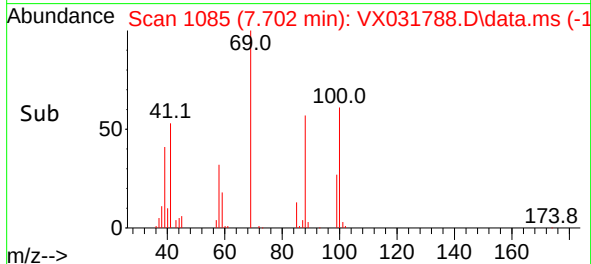
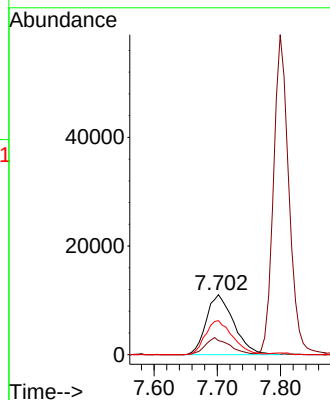
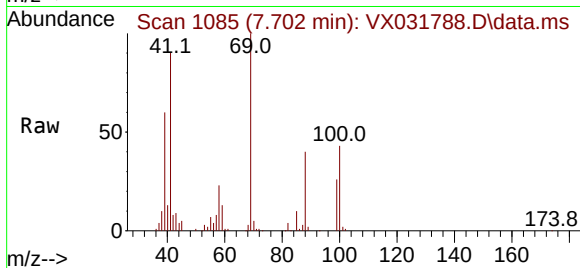
Tgt Ion:	88	Resp:	3335
Ion Ratio	Lower	Upper	
88	100		
43	25.1	27.1	40.7
58	56.7	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 49.992 ug/l

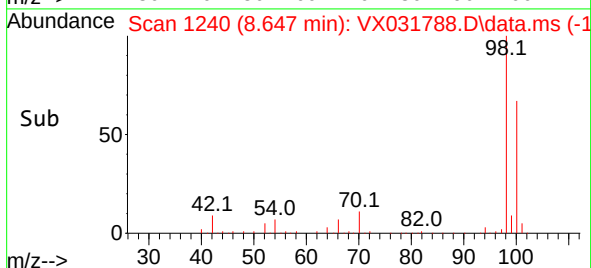
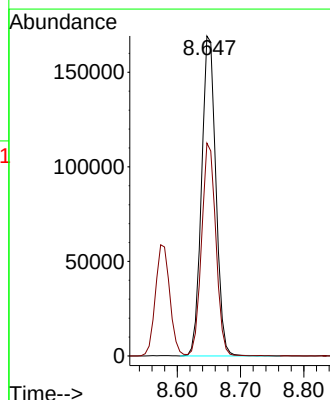
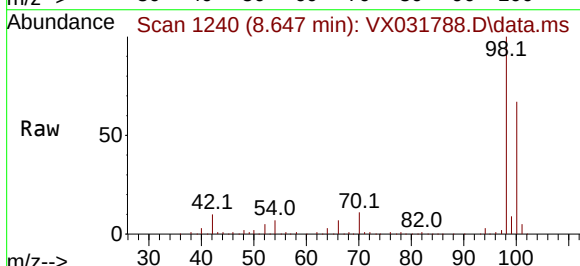
RT: 8.647 min Scan# 1240

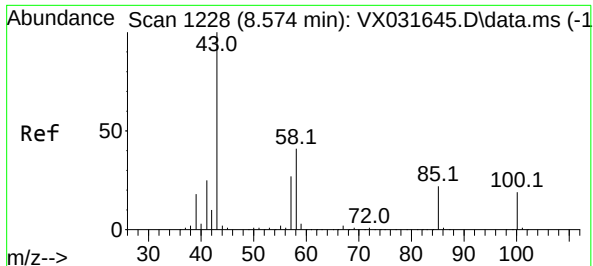
Delta R.T. -0.006 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

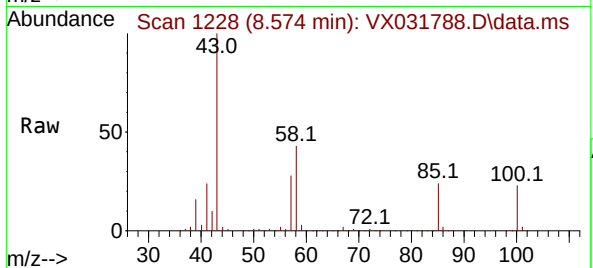
Tgt Ion:	98	Resp:	266045
Ion Ratio	Lower	Upper	
98	100		
100	66.2	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 232.948 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

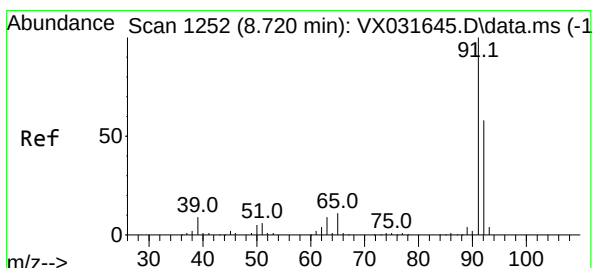
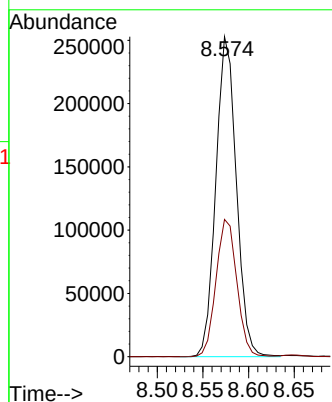
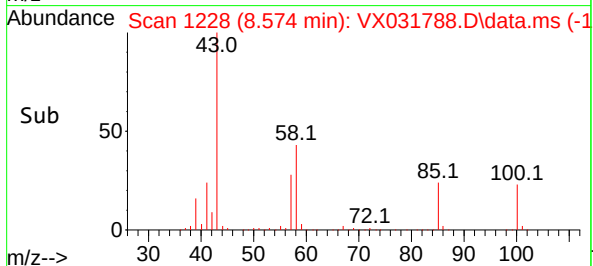
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



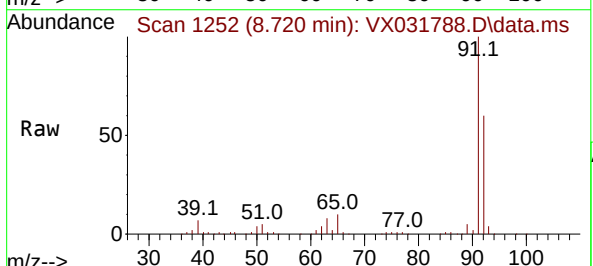
Tgt Ion: 43 Resp: 394609
Ion Ratio Lower Upper
43 100
58 43.5 30.6 46.0

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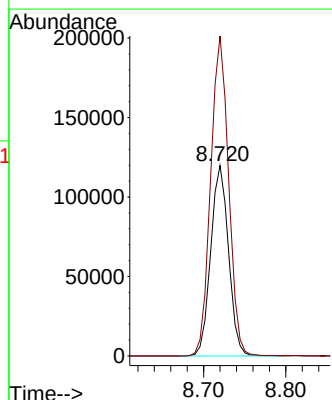
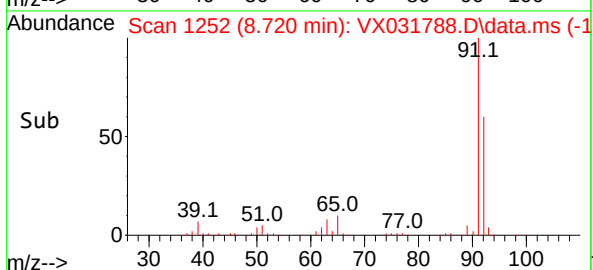
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

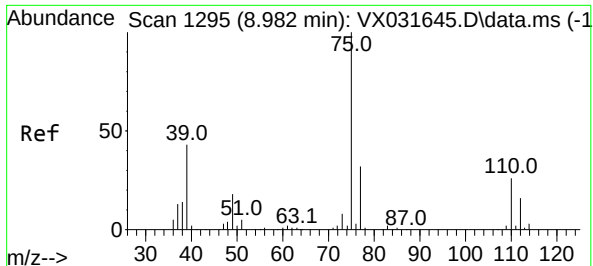


#52
Toluene
Concen: 52.173 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



Tgt Ion: 92 Resp: 180061
Ion Ratio Lower Upper
92 100
91 169.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 46.010 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 96440

Ion Ratio Lower Upper

75 100

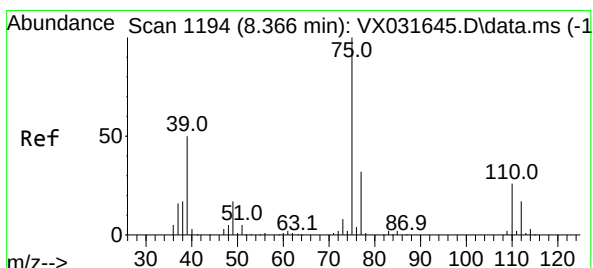
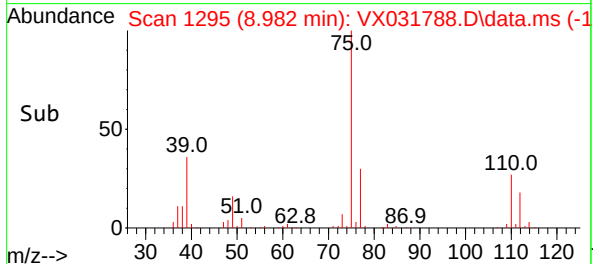
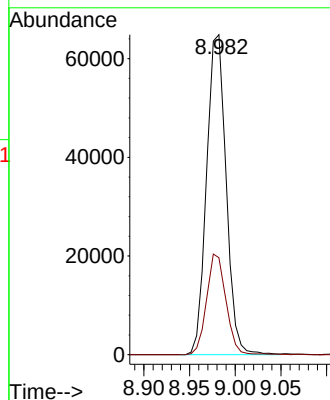
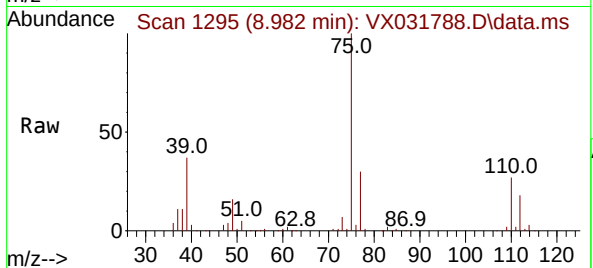
77 30.3 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 53.177 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

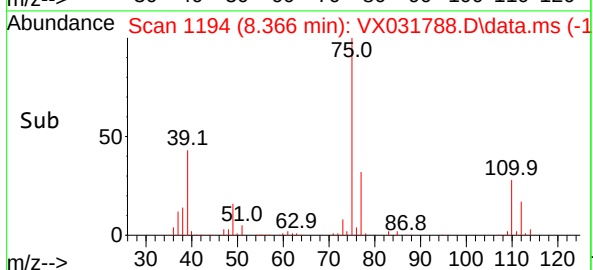
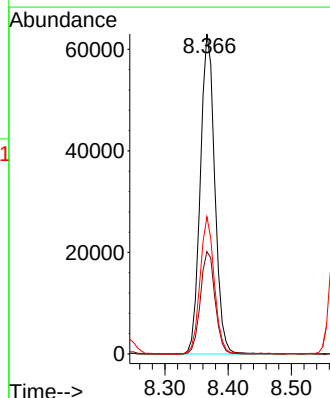
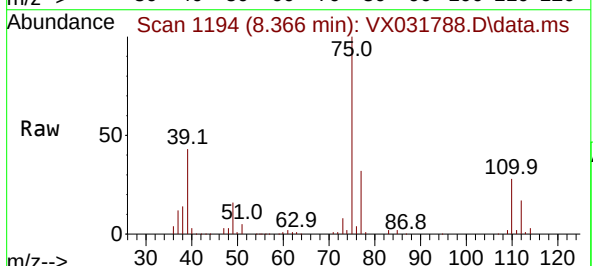
Tgt Ion: 75 Resp: 100635

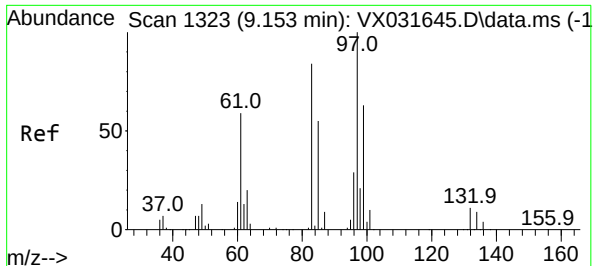
Ion Ratio Lower Upper

75 100

77 32.0 24.4 36.6

39 42.9 43.7 65.5#





#55

1,1,2-Trichloroethane

Concen: 51.701 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

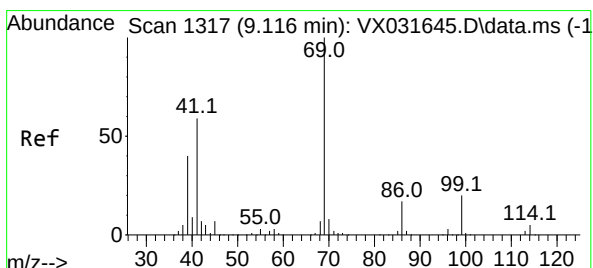
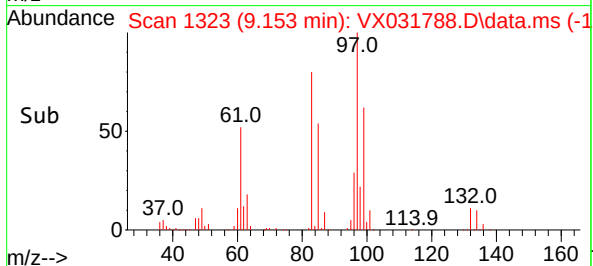
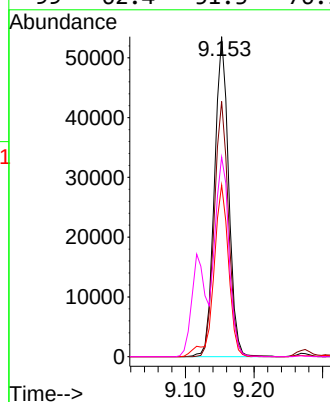
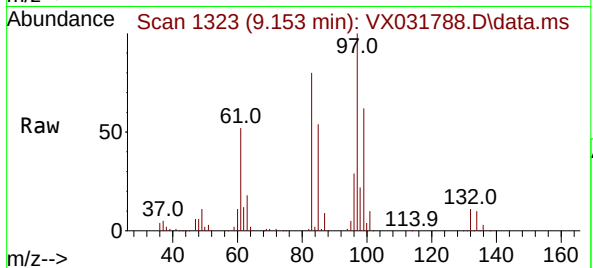
Tgt Ion: 97	Resp: 76824
Ion Ratio	Lower Upper
97 100	
83 79.8	69.0 103.6
85 53.7	44.1 66.1
99 62.4	51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#56

Ethyl methacrylate

Concen: 54.254 ug/l

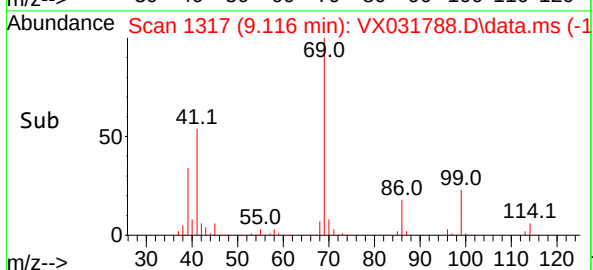
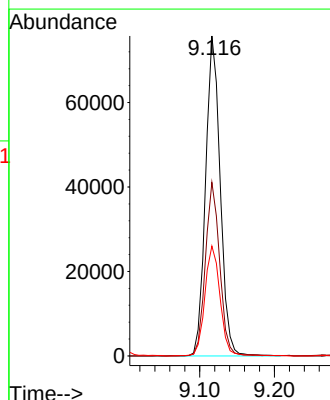
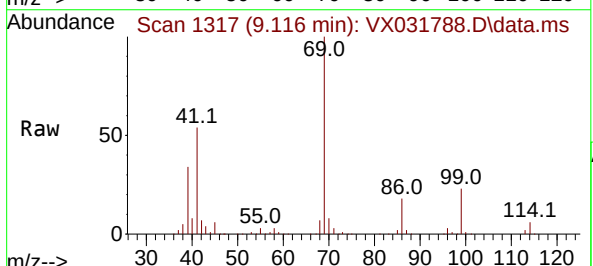
RT: 9.116 min Scan# 1317

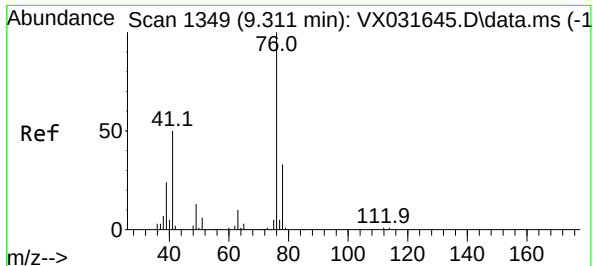
Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Tgt Ion: 69	Resp: 103146
Ion Ratio	Lower Upper
69 100	
41 53.2	54.2 81.4#
39 35.7	34.2 51.2





#57

1,3-Dichloropropane

Concen: 49.611 ug/l

RT: 9.311 min Scan# 11674

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11674

Ion Ratio Lower Upper

76 100

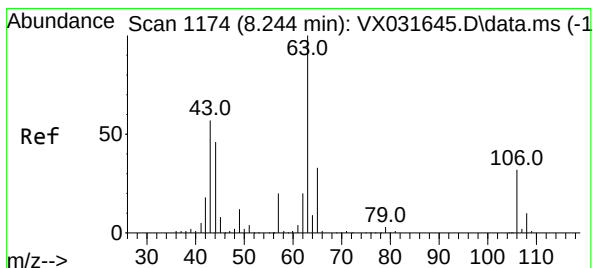
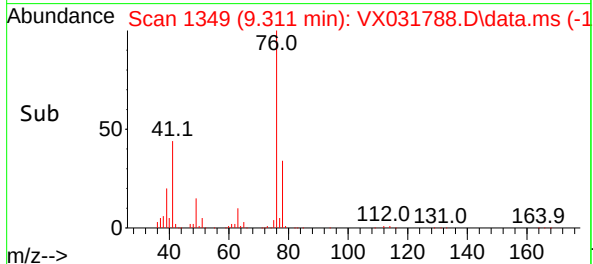
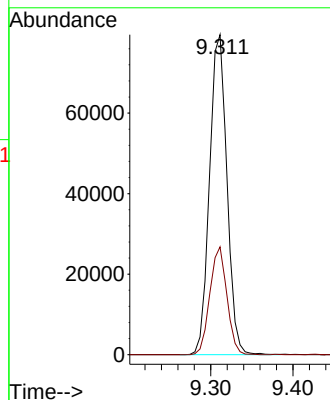
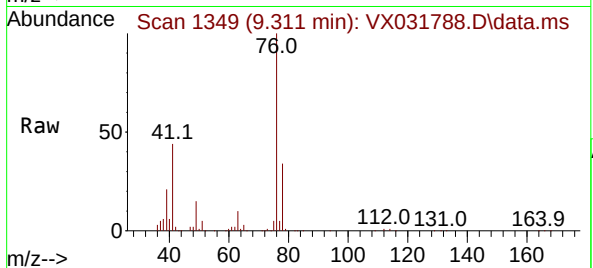
78 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 253.503 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031788.D

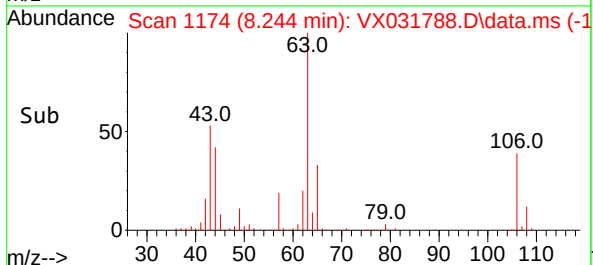
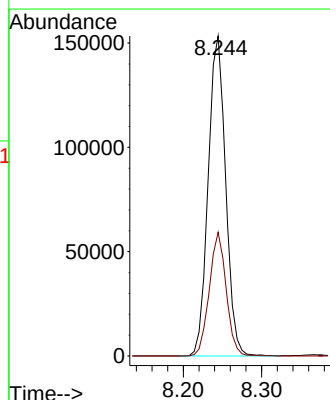
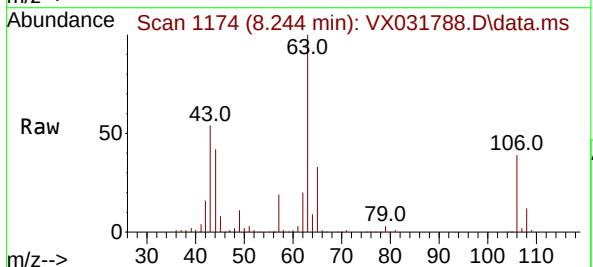
Acq: 29 Sep 2022 21:20

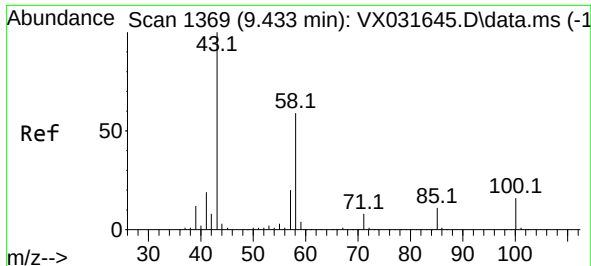
Tgt Ion: 63 Resp: 237317

Ion Ratio Lower Upper

63 100

106 37.3 22.6 34.0#





#59

2-Hexanone

Concen: 231.501 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 29259

Ion Ratio Lower Upper

43 100

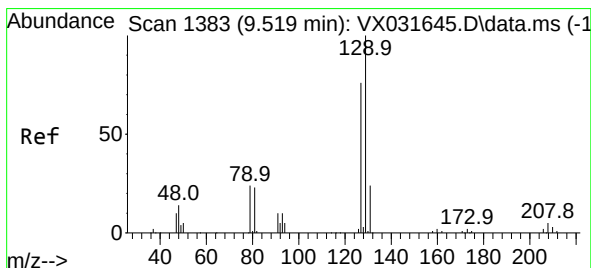
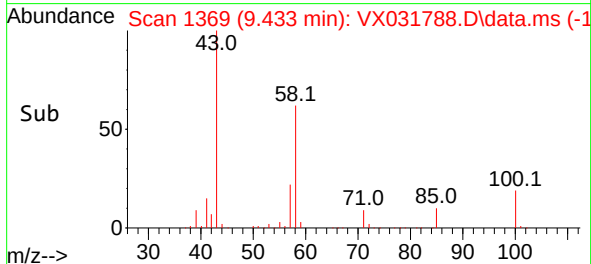
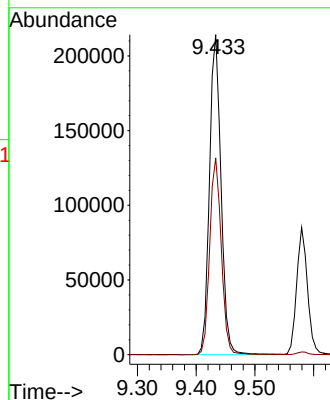
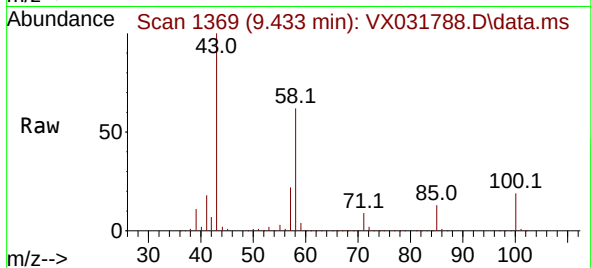
58 61.6 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#60

Dibromochloromethane

Concen: 50.734 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX031788.D

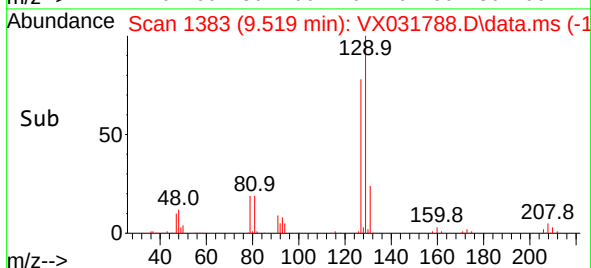
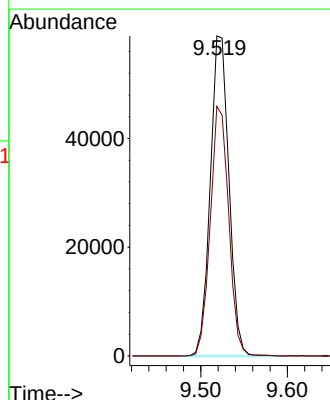
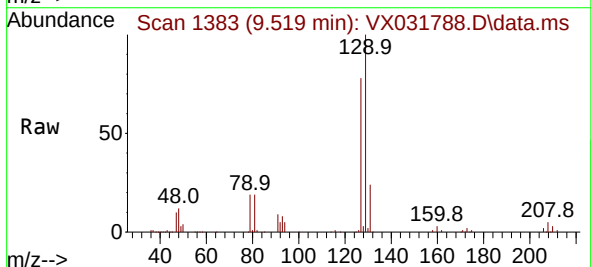
Acq: 29 Sep 2022 21:20

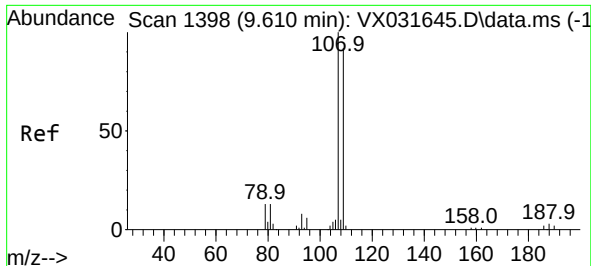
Tgt Ion:129 Resp: 88063

Ion Ratio Lower Upper

129 100

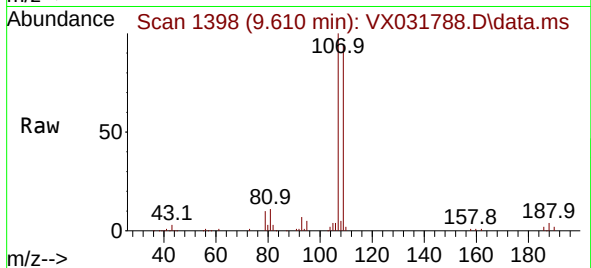
127 77.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 56.502 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

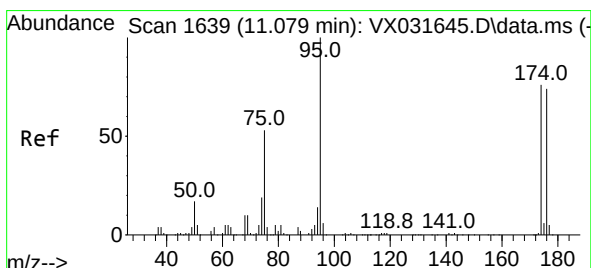
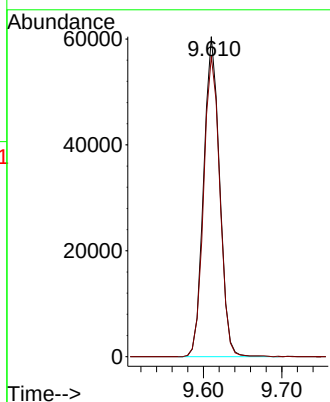
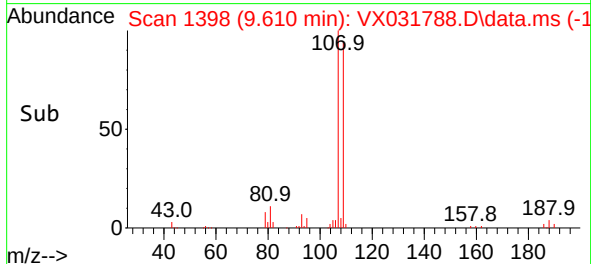
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



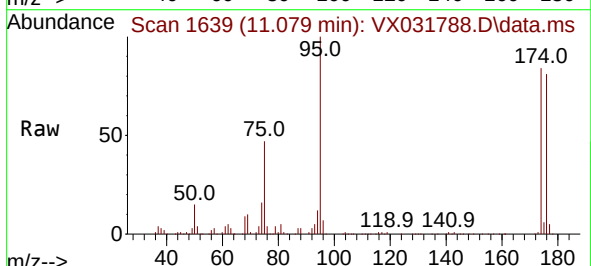
Tgt Ion:107 Resp: 85220
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4

Manual Integrations
APPROVED

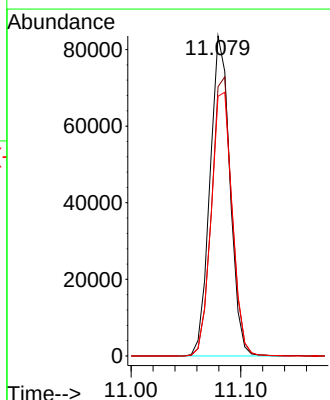
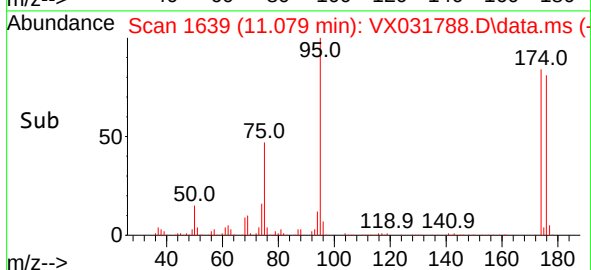
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

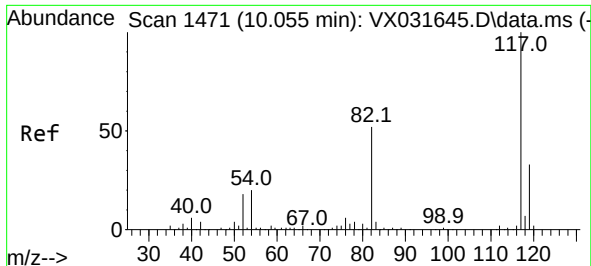


#62
4-Bromofluorobenzene
Concen: 54.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



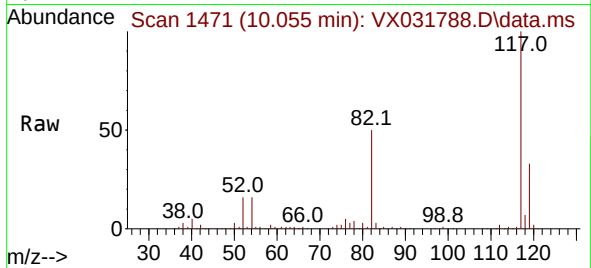
Tgt Ion: 95 Resp: 105512
Ion Ratio Lower Upper
95 100
174 88.7 0.0 153.2
176 87.0 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

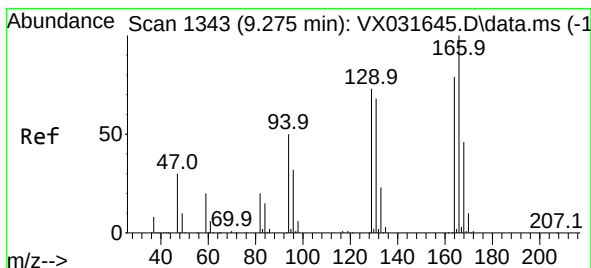
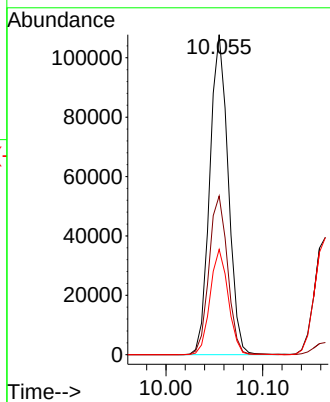
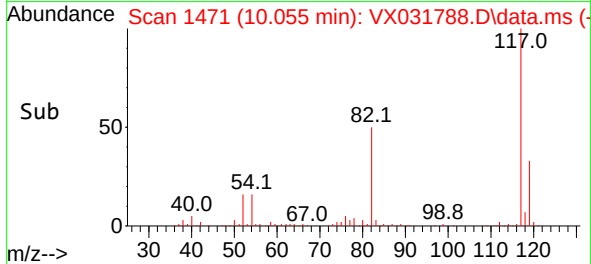
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 142777
Ion Ratio Lower Upper
117 100
82 49.6 46.8 70.2
119 32.9 26.4 39.6

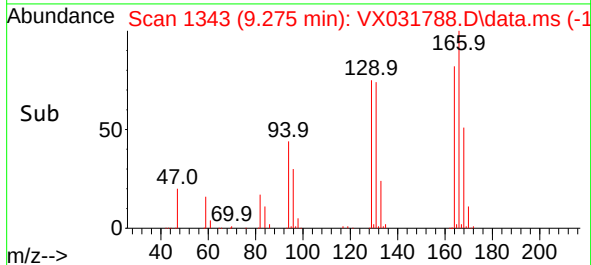
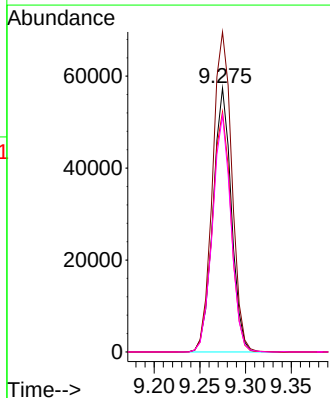
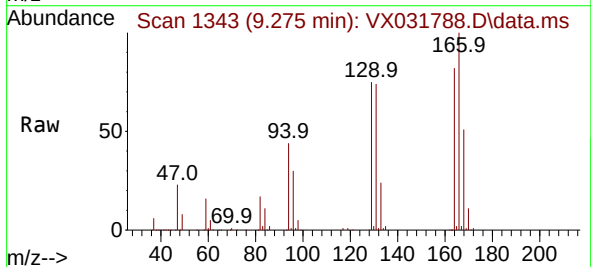
Manual Integrations
APPROVED

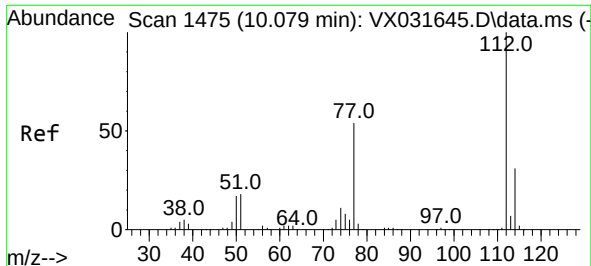
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 52.480 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

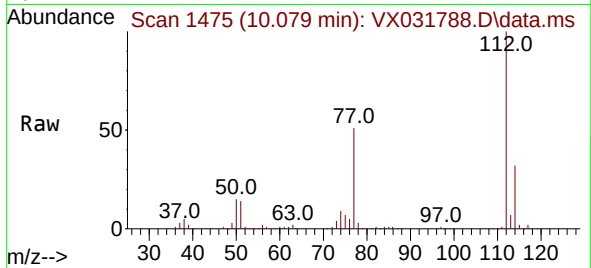
Tgt Ion:164 Resp: 80090
Ion Ratio Lower Upper
164 100
166 121.3 99.0 148.4
129 91.1 78.0 117.0
131 89.7 74.2 111.2





#65
Chlorobenzene
Concen: 53.533 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

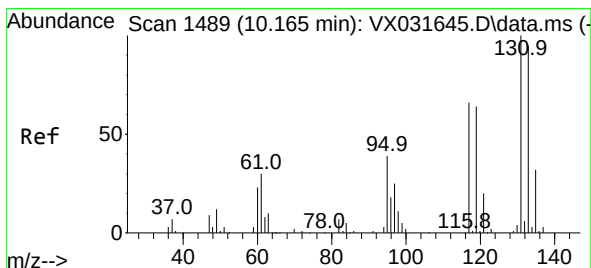
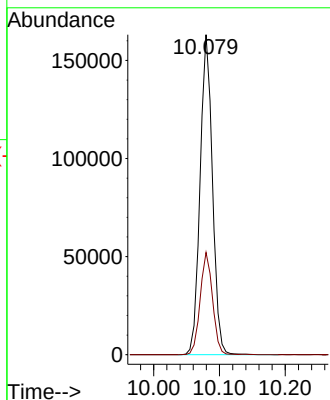
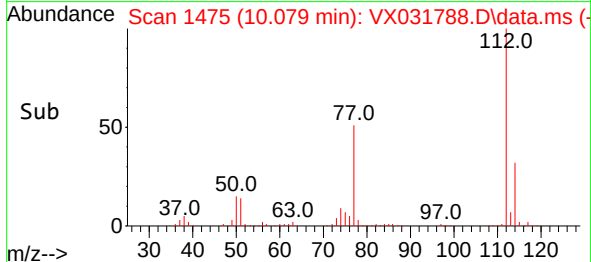
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 212936
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

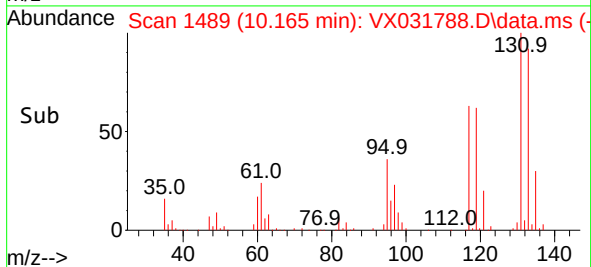
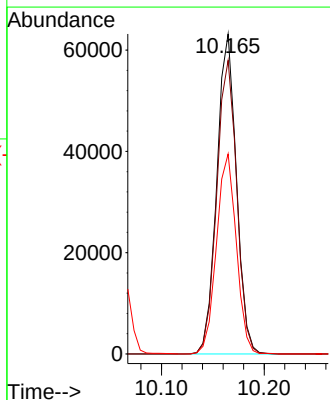
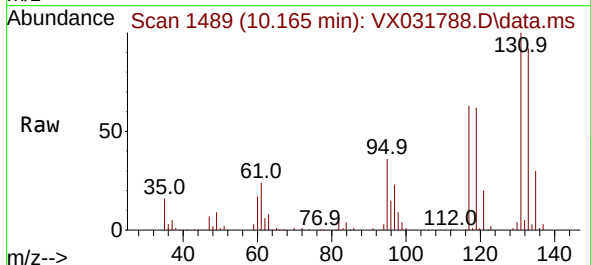
Manual Integrations
APPROVED

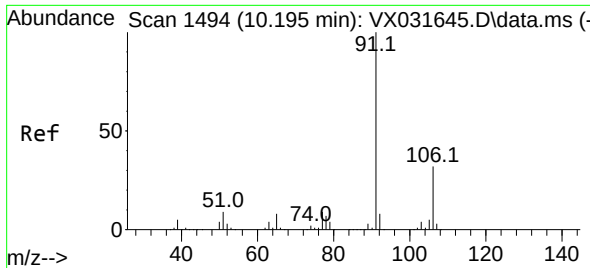
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 58.338 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

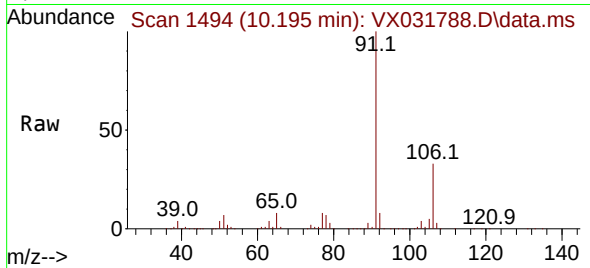
Tgt Ion:131 Resp: 83494
Ion Ratio Lower Upper
131 100
133 93.8 46.6 139.7
119 63.2 31.9 95.9





#67
Ethyl Benzene
Concen: 52.207 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

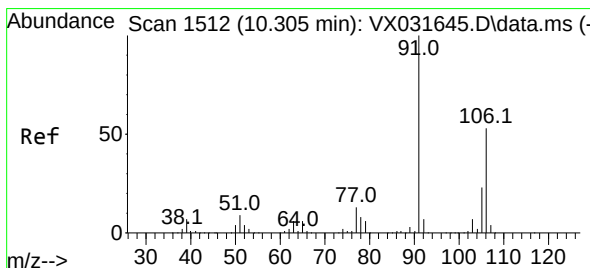
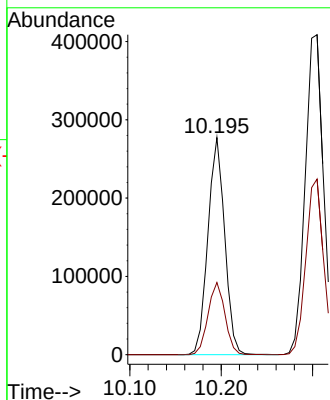
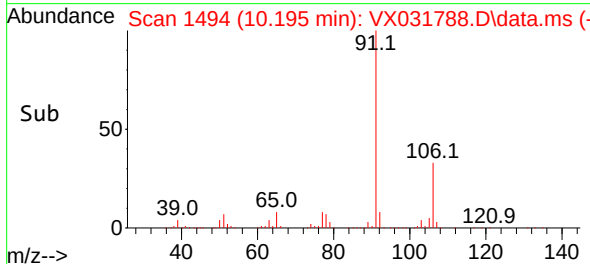
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



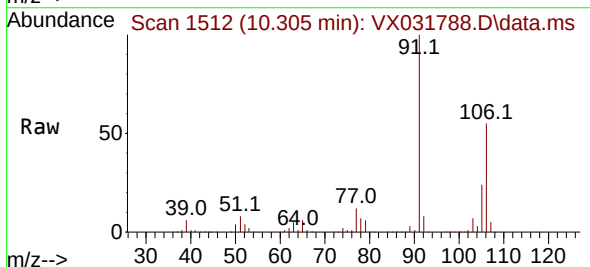
Tgt Ion: 91 Resp: 35325
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8

Manual Integrations
APPROVED

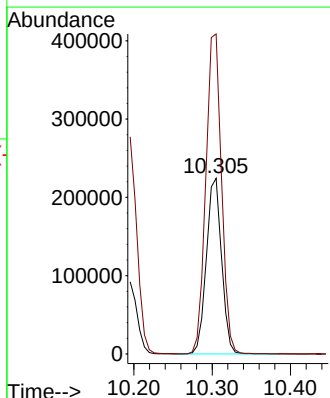
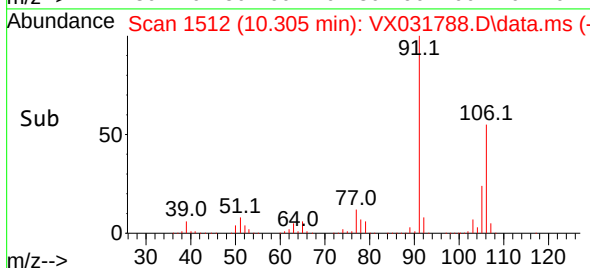
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

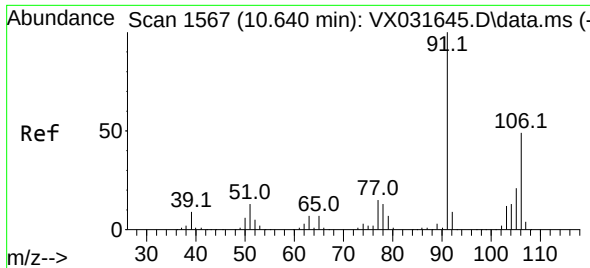


#68
m/p-Xylenes
Concen: 110.879 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



Tgt Ion:106 Resp: 301453
Ion Ratio Lower Upper
106 100
91 188.0 161.0 241.4





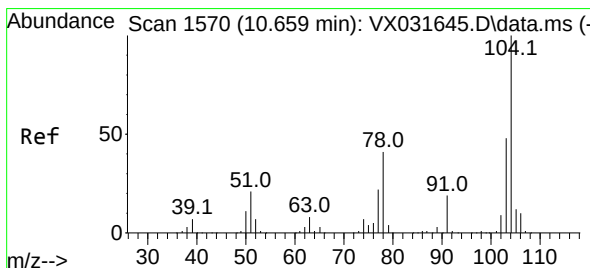
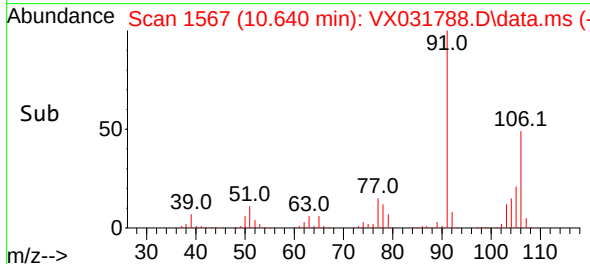
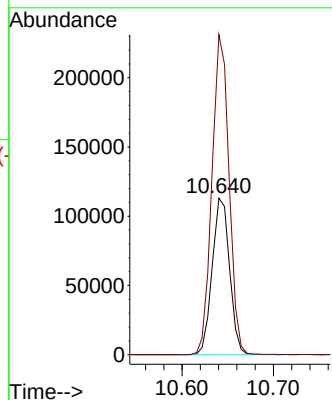
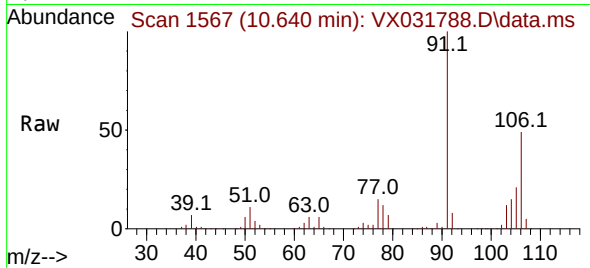
#69
o-Xylene
Concen: 56.106 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 14909
Ion Ratio Lower Upper
106 100
91 200.8 107.2 321.6

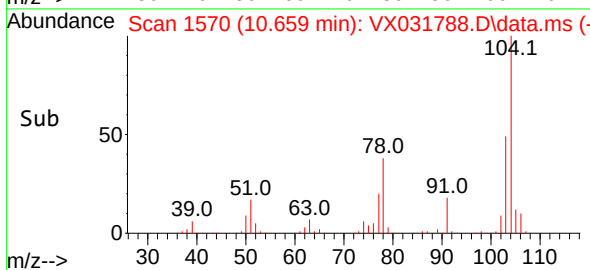
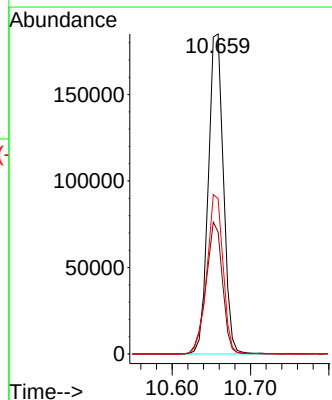
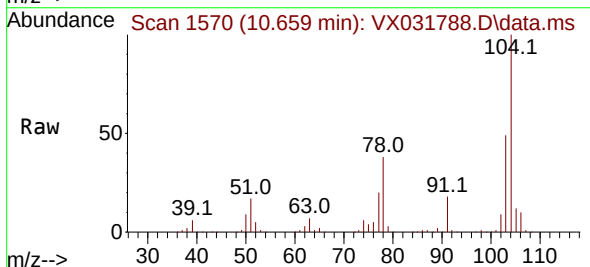
Manual Integrations
APPROVED

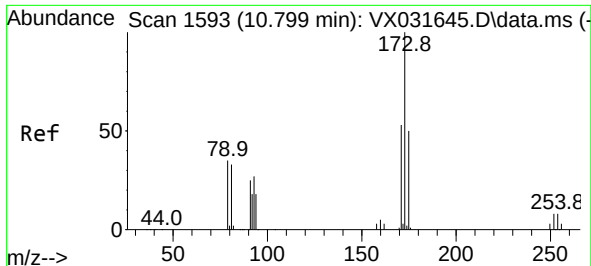
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 57.504 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

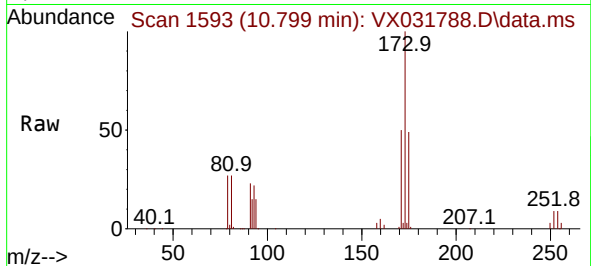
Tgt Ion:104 Resp: 248742
Ion Ratio Lower Upper
104 100
78 44.7 41.4 62.2
103 53.2 43.8 65.8





#71
Bromoform
Concen: 52.376 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

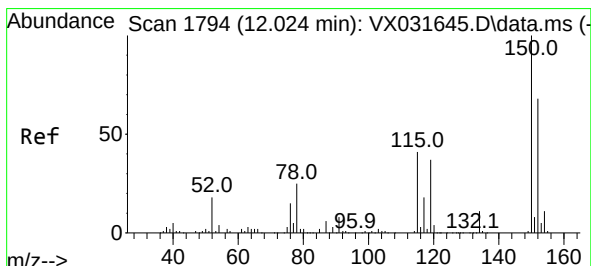
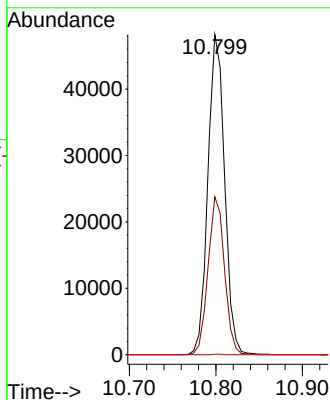
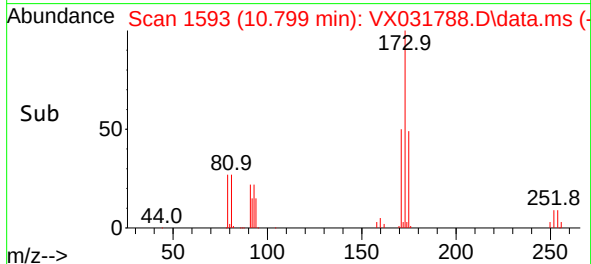
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



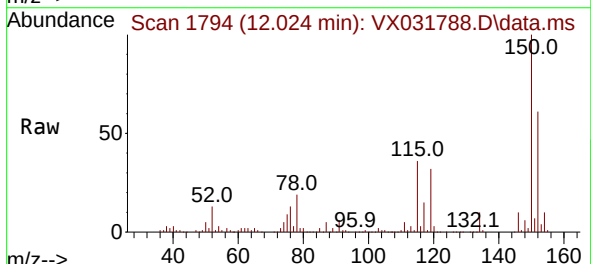
Tgt Ion:173 Resp: 64552
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

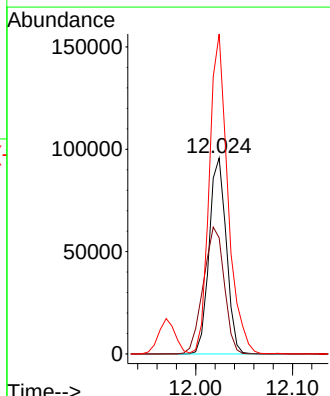
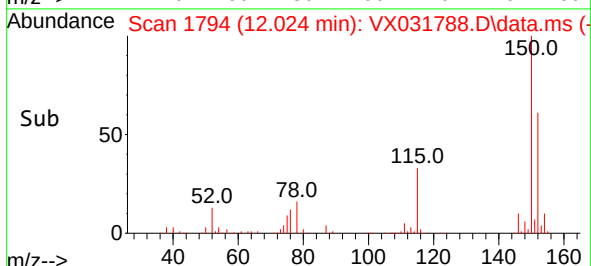
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

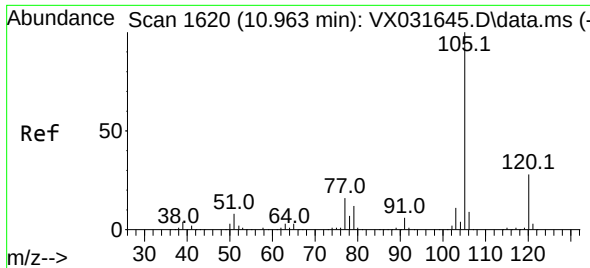


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



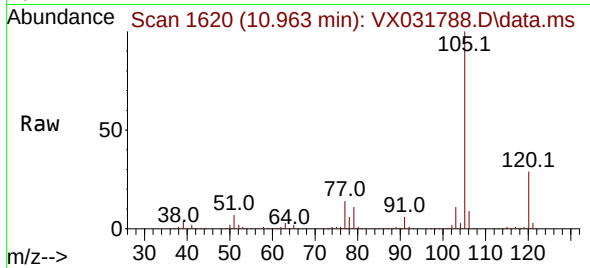
Tgt Ion:152 Resp: 118333
Ion Ratio Lower Upper
152 100
115 78.8 43.4 130.1
150 176.2 0.0 346.8





#73
Isopropylbenzene
Concen: 51.335 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

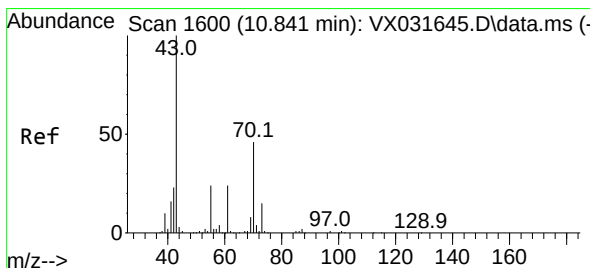
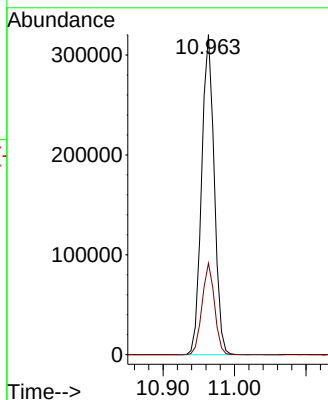
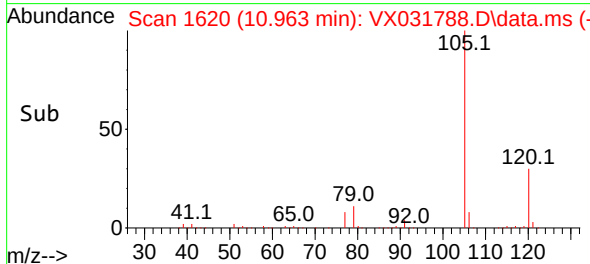
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



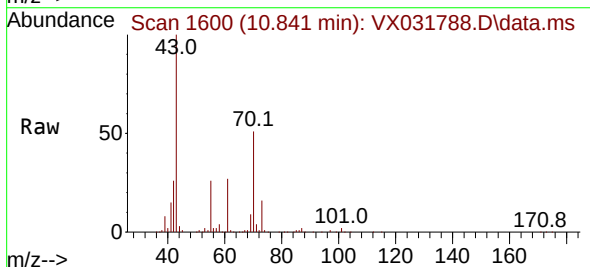
Tgt Ion:105 Resp: 392852
Ion Ratio Lower Upper
105 100
120 28.1 13.7 41.0

Manual Integrations
APPROVED

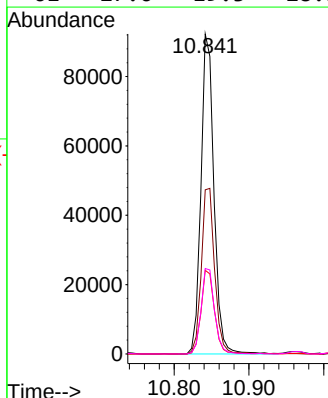
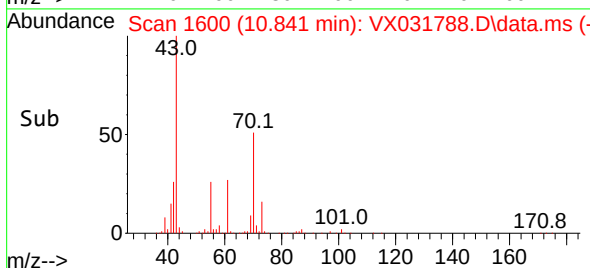
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

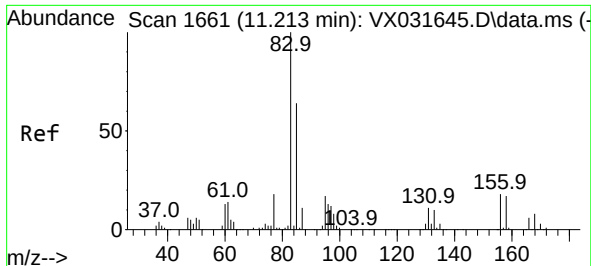


#74
N-ethyl acetate
Concen: 44.873 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



Tgt Ion: 43 Resp: 111390
Ion Ratio Lower Upper
43 100
70 53.4 33.4 50.2#
55 27.2 18.2 27.2
61 27.6 19.3 28.9





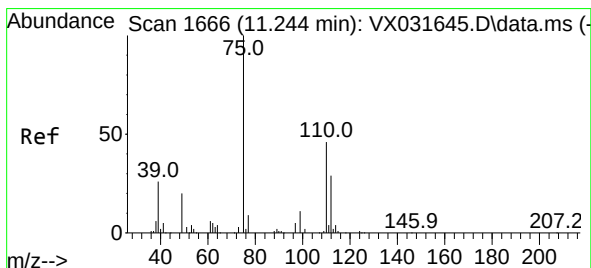
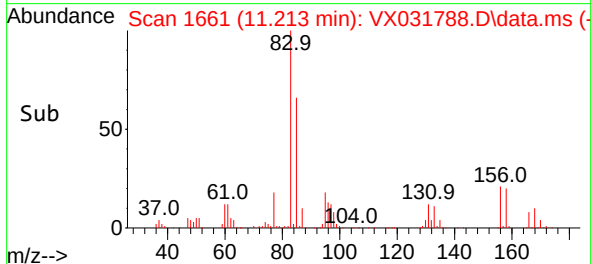
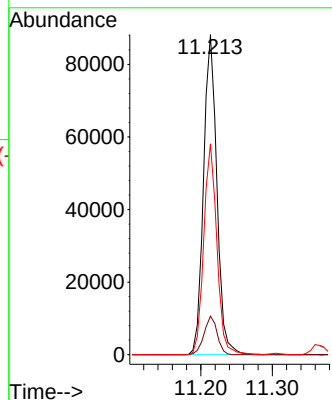
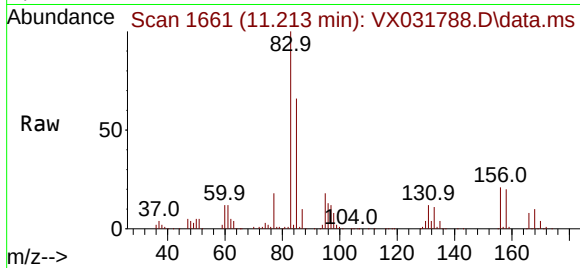
#75
1,1,2,2-Tetrachloroethane
Concen: 46.918 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114085
Ion Ratio Lower Upper
83 100
131 11.9 5.1 15.4
85 64.9 32.6 97.8

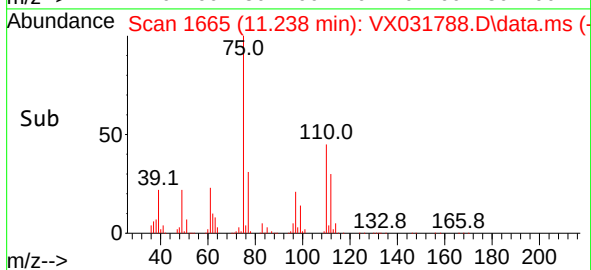
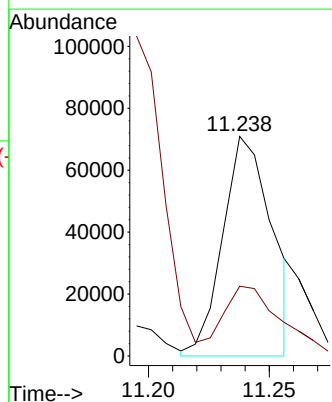
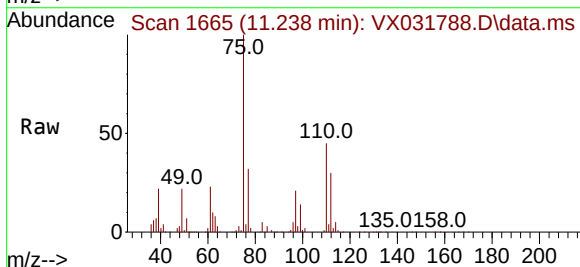
Manual Integrations
APPROVED

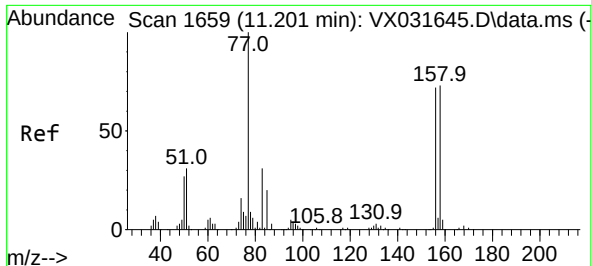
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 46.750 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

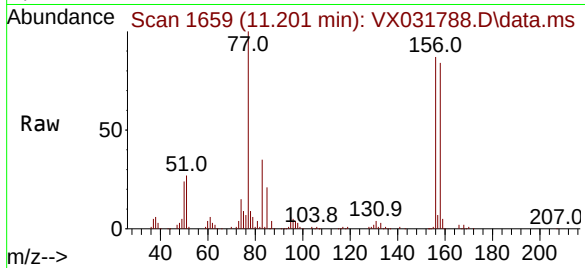
Tgt Ion: 75 Resp: 100290
Ion Ratio Lower Upper
75 100
77 38.4 20.3 60.9





#77
Bromobenzene
Concen: 54.240 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

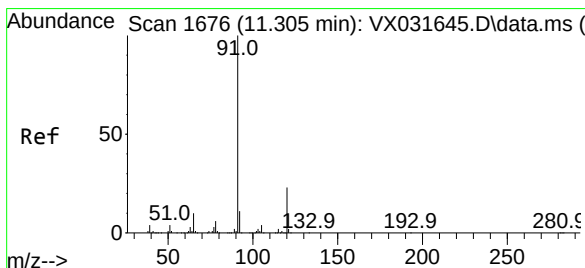
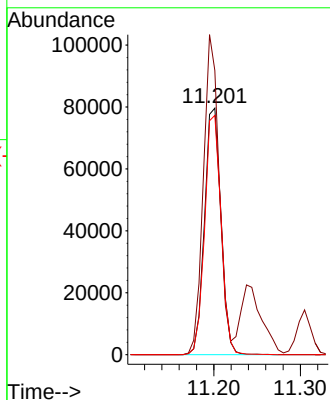
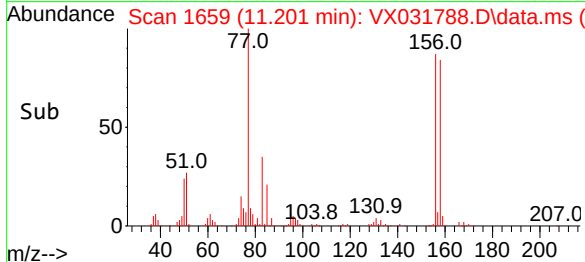
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



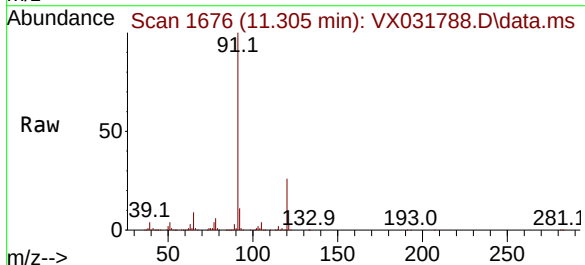
Tgt Ion:156 Resp: 105519
Ion Ratio Lower Upper
156 100
77 123.7 79.5 238.6
158 96.8 48.4 145.3

Manual Integrations
APPROVED

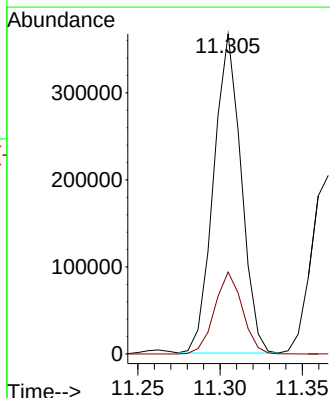
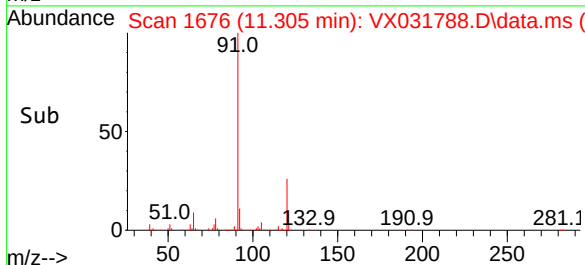
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

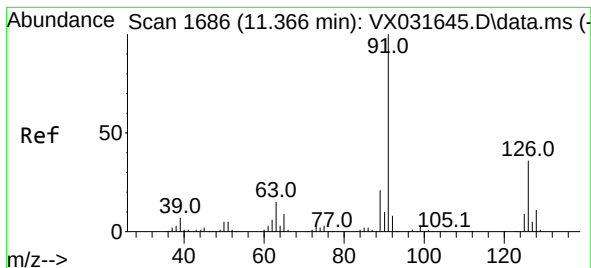


#78
n-propylbenzene
Concen: 50.153 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



Tgt Ion: 91 Resp: 427088
Ion Ratio Lower Upper
91 100
120 25.8 11.8 35.4





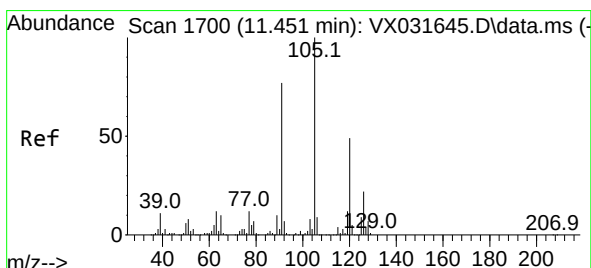
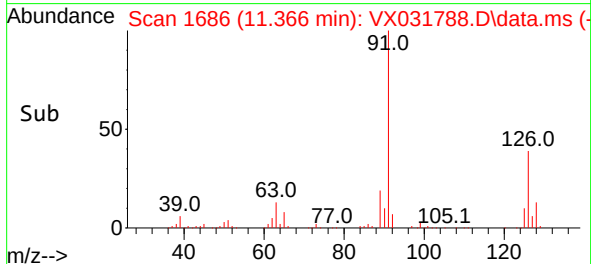
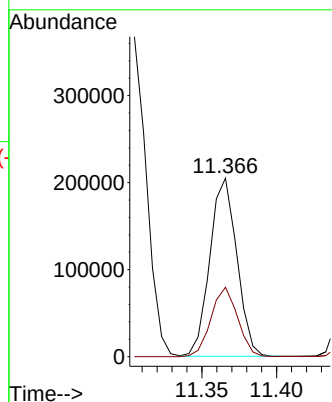
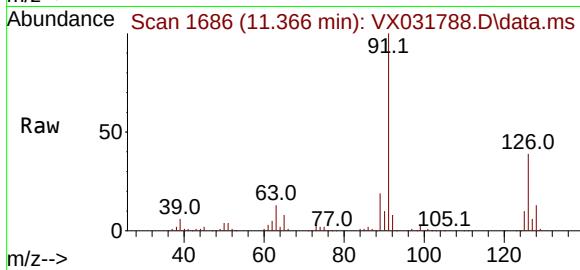
#79
2-Chlorotoluene
Concen: 48.932 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 257312
Ion Ratio Lower Upper
91 100
126 38.3 17.4 52.3

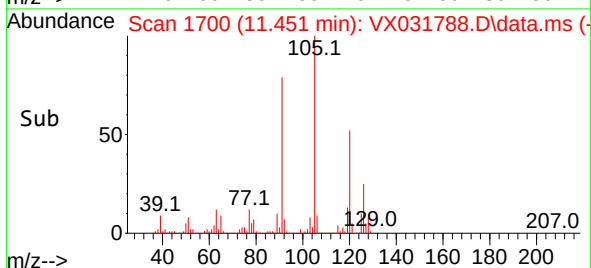
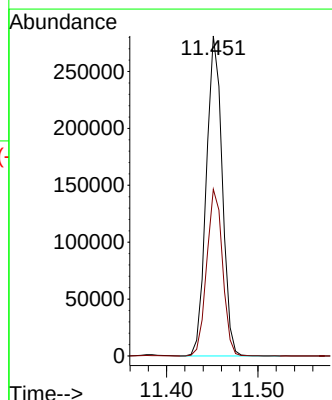
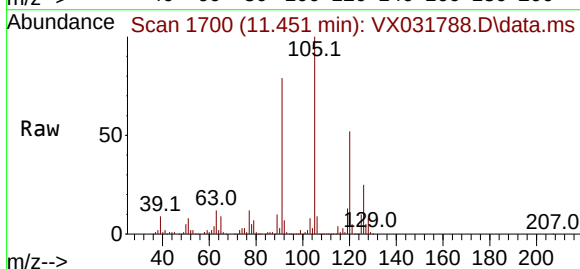
Manual Integrations
APPROVED

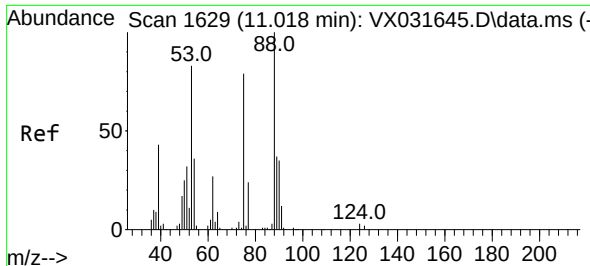
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.165 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Tgt Ion:105 Resp: 338393
Ion Ratio Lower Upper
105 100
120 51.9 24.5 73.5





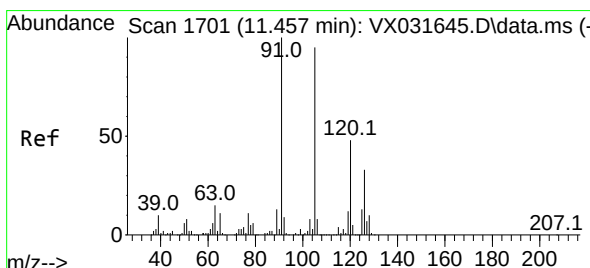
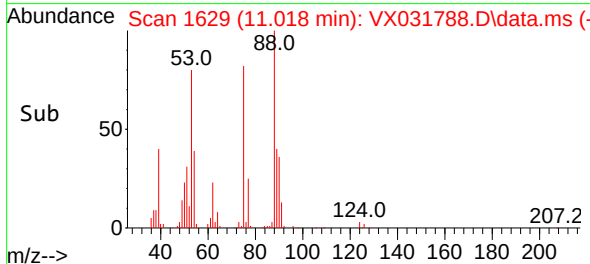
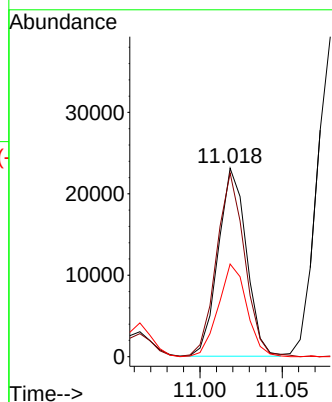
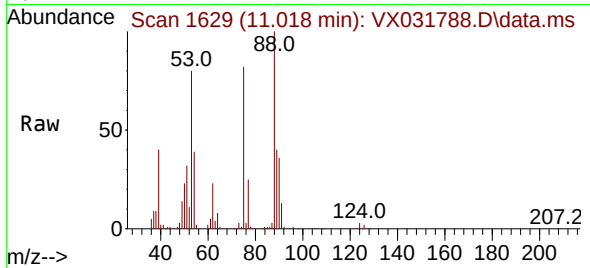
#81
trans-1,4-Dichloro-2-butene
Concen: 44.184 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2762
Ion Ratio Lower Upper
75 100
53 97.7 77.6 116.4
89 49.7 37.4 56.0

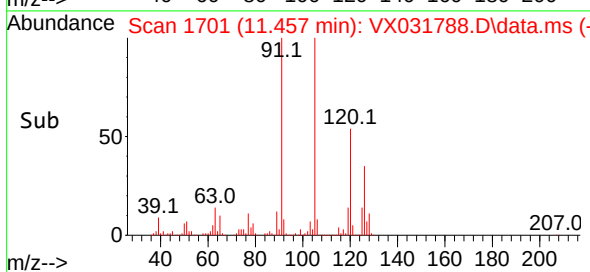
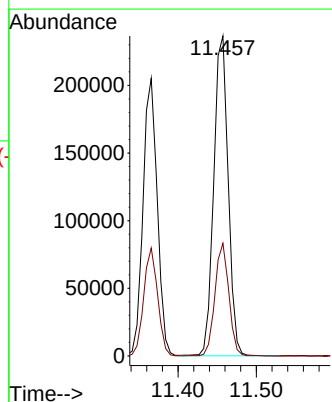
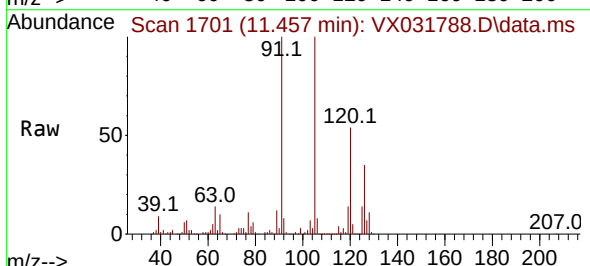
Manual Integrations
APPROVED

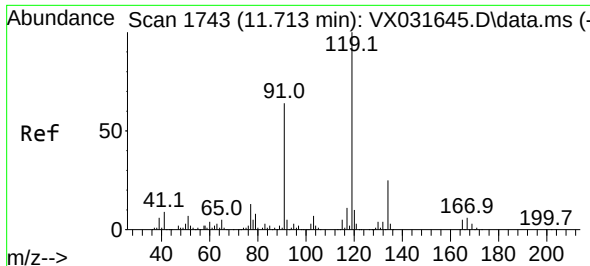
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 49.712 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

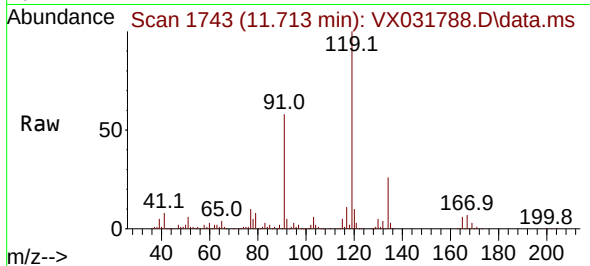
Tgt Ion: 91 Resp: 302005
Ion Ratio Lower Upper
91 100
126 34.1 15.1 45.3





#83
tert-Butylbenzene
Concen: 55.709 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

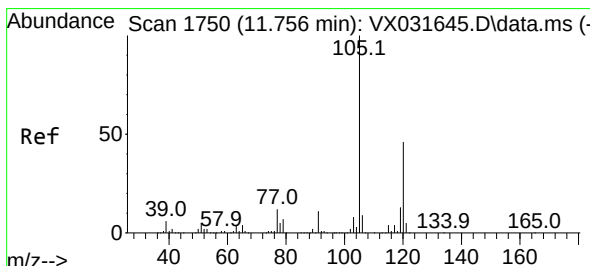
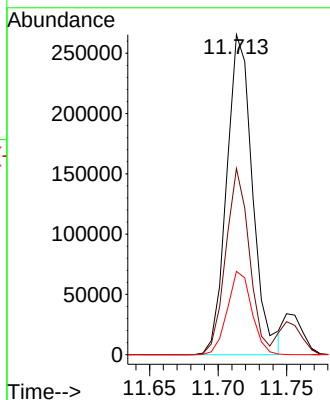
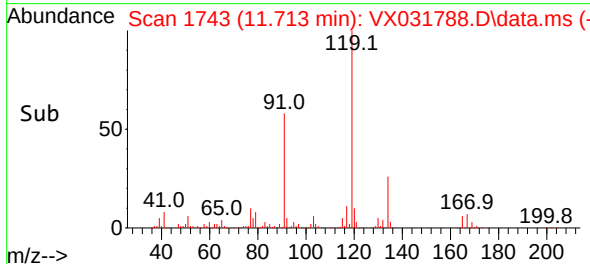
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



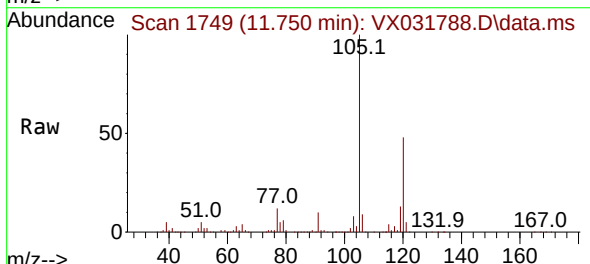
Tgt Ion:119 Resp: 348498
Ion Ratio Lower Upper
119 100
91 53.2 29.2 87.6
134 24.6 11.6 34.8

Manual Integrations
APPROVED

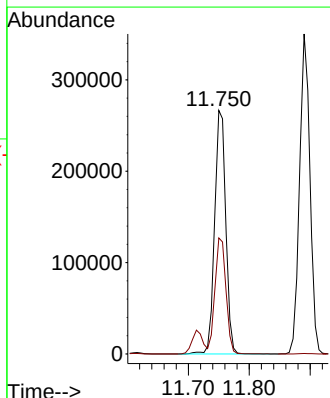
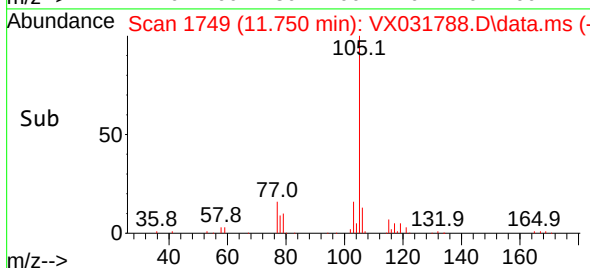
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

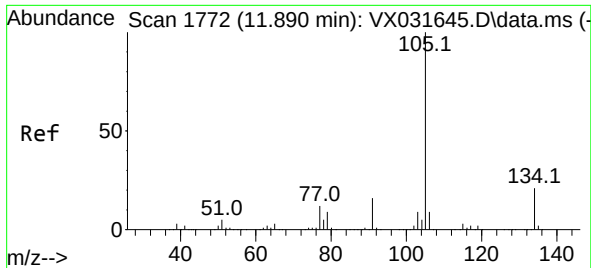


#84
1,2,4-Trimethylbenzene
Concen: 52.638 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



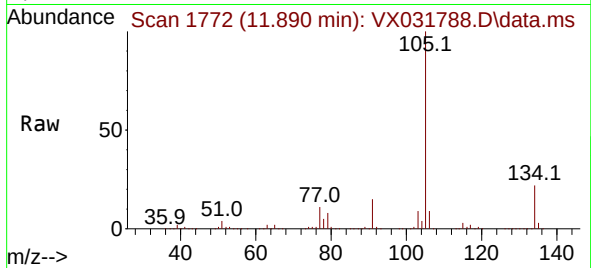
Tgt Ion:105 Resp: 337991
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 52.210 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031788.D
 Acq: 29 Sep 2022 21:20

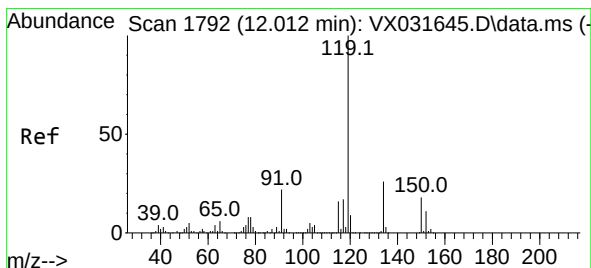
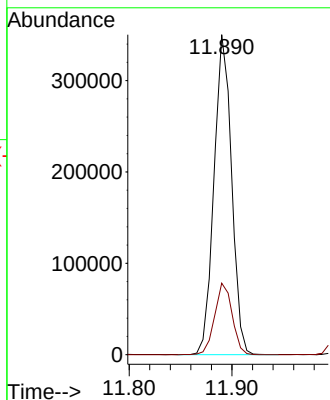
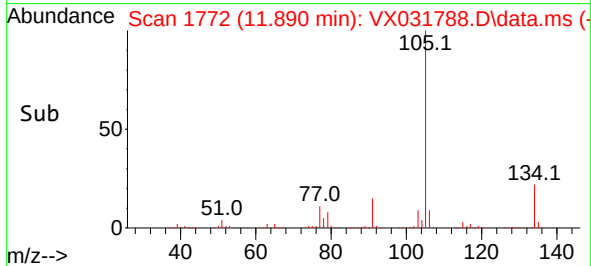
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



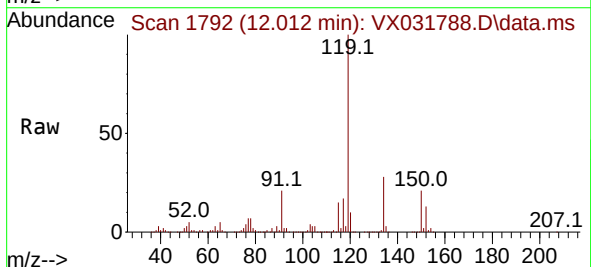
Tgt Ion:105 Resp: 415072
 Ion Ratio Lower Upper
 105 100
 134 22.3 10.4 31.1

Manual Integrations
 APPROVED

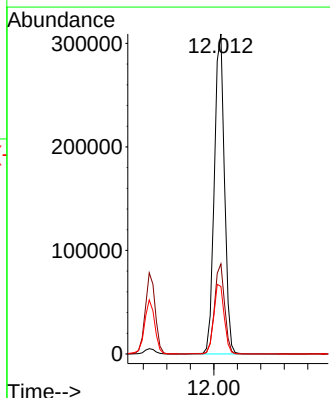
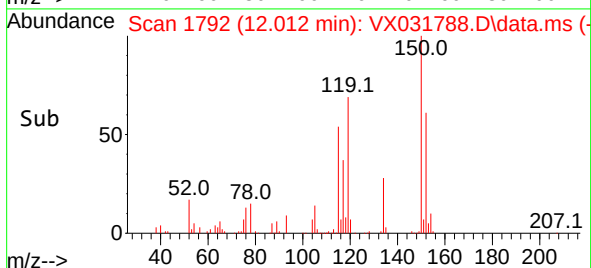
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022

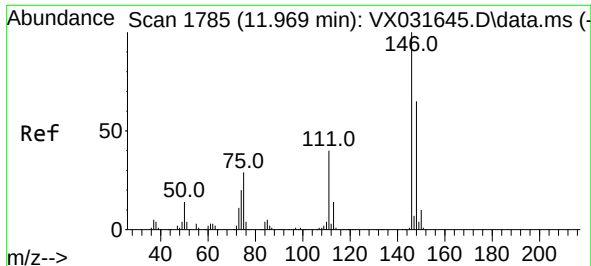


#86
 p-Isopropyltoluene
 Concen: 53.994 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031788.D
 Acq: 29 Sep 2022 21:20



Tgt Ion:119 Resp: 370171
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.2
 91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.046 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 20383

Ion Ratio Lower Upper

146 100

111 37.5 19.8 59.4

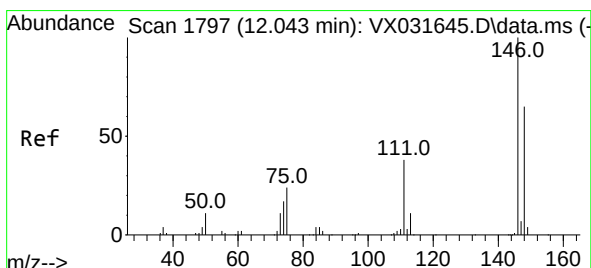
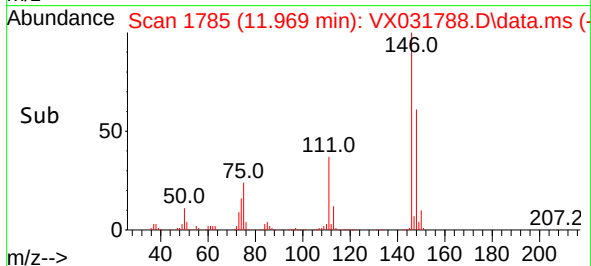
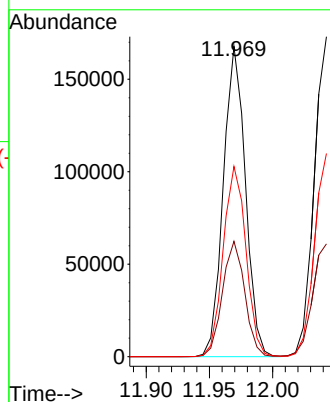
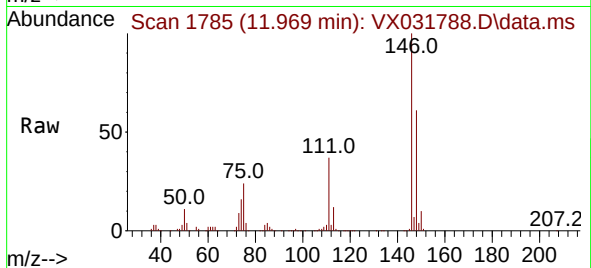
148 63.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 52.495 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

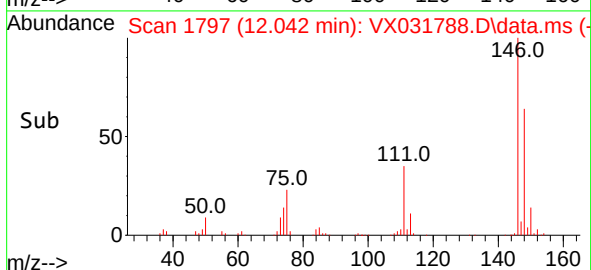
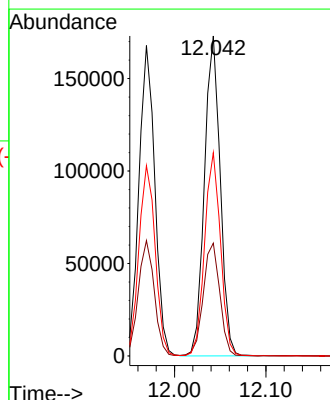
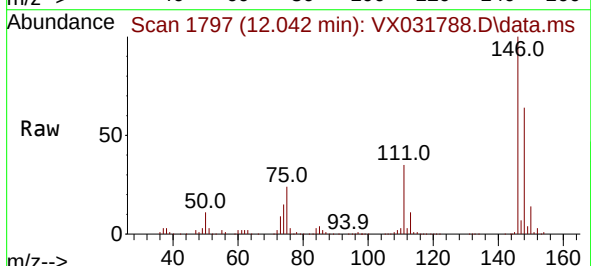
Tgt Ion:146 Resp: 207235

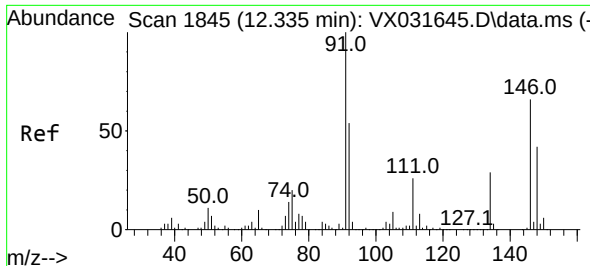
Ion Ratio Lower Upper

146 100

111 37.1 20.5 61.5

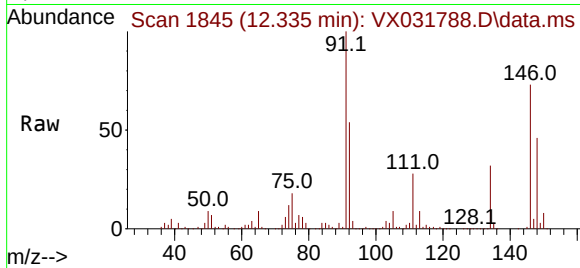
148 64.0 32.0 96.2





#89
n-Butylbenzene
Concen: 50.325 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

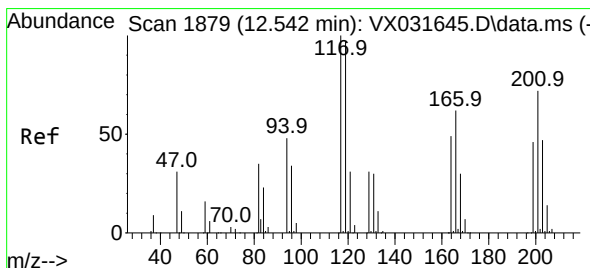
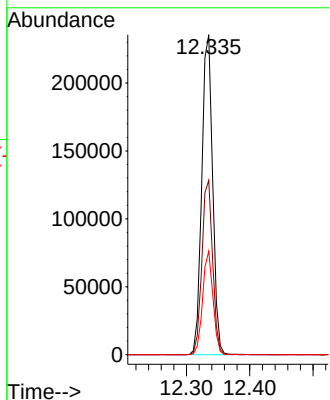
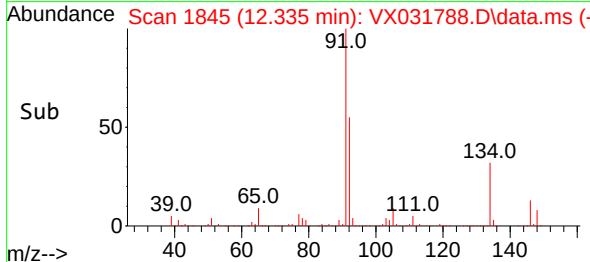
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



Tgt Ion: 91 Resp: 281845
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 30.8 13.3 39.9

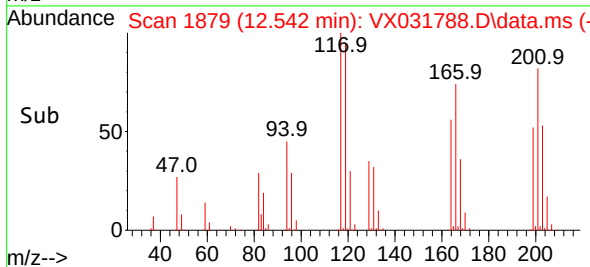
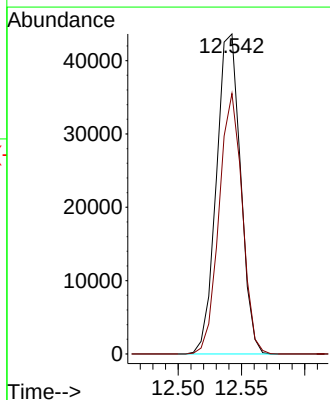
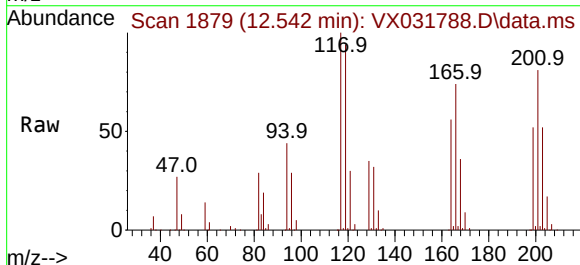
Manual Integrations
APPROVED

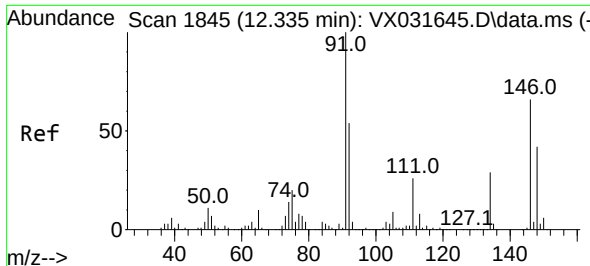
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 52.704 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

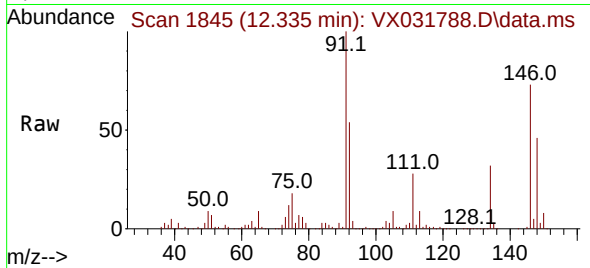
Tgt Ion: 117 Resp: 57940
Ion Ratio Lower Upper
117 100
201 78.0 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 55.191 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

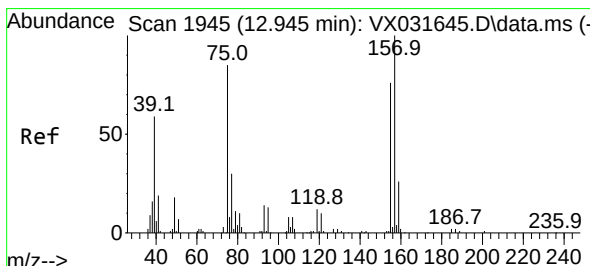
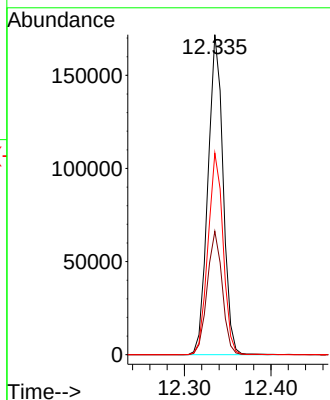
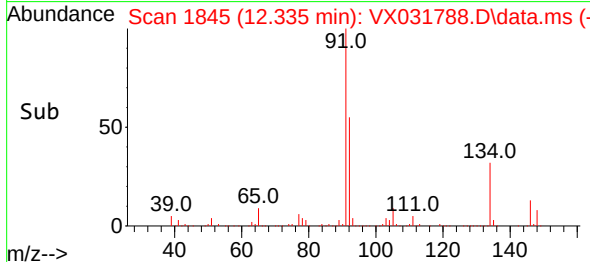
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



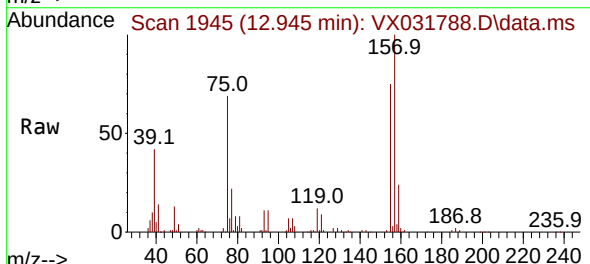
Tgt Ion:146 Resp: 208450
Ion Ratio Lower Upper
146 100
111 38.3 20.6 61.8
148 62.9 31.6 95.0

Manual Integrations
APPROVED

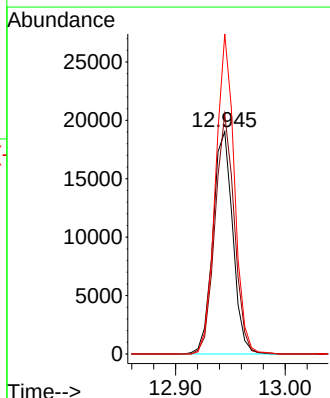
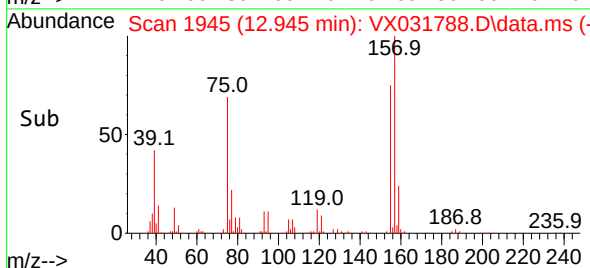
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

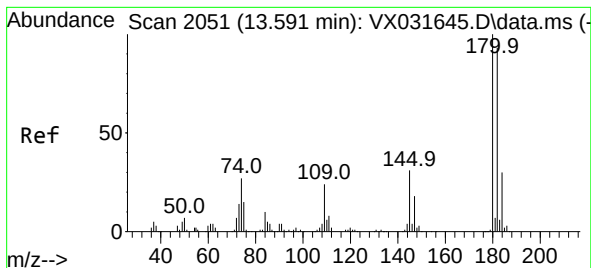


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.138 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20



Tgt Ion: 75 Resp: 23942
Ion Ratio Lower Upper
75 100
155 104.9 40.3 120.8
157 135.9 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 56.350 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

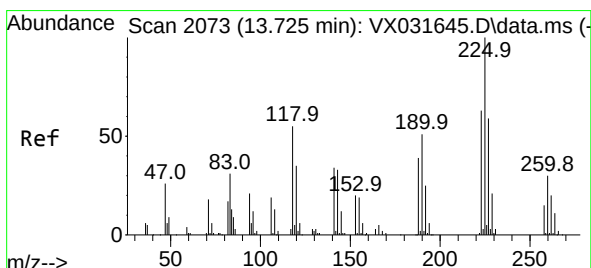
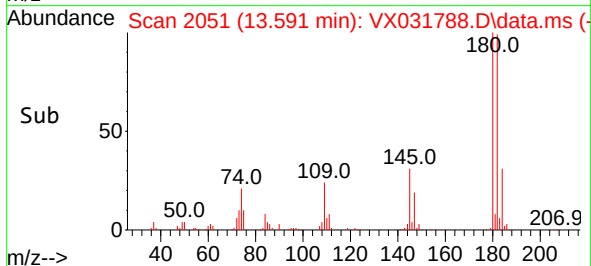
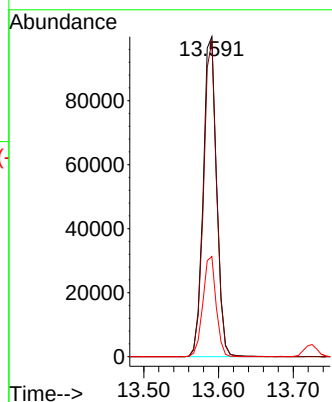
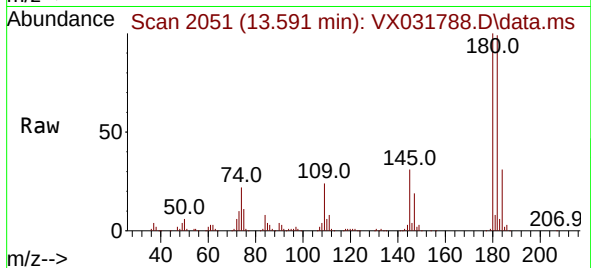
Tgt Ion:	180	Resp:	12445
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.9	140.6
145	30.9	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#94

Hexachlorobutadiene

Concen: 54.624 ug/l

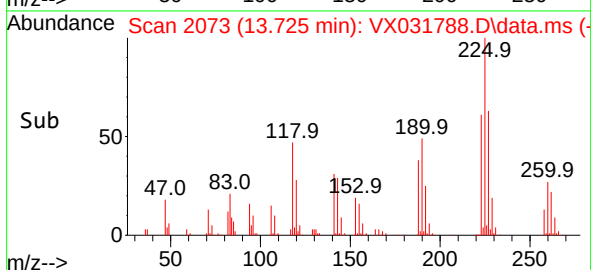
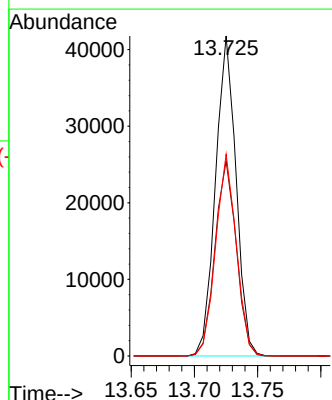
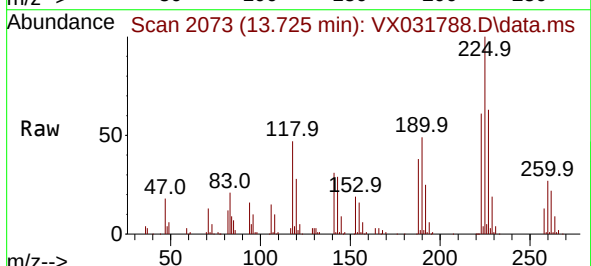
RT: 13.725 min Scan# 2073

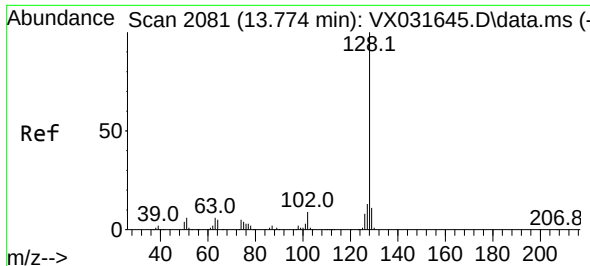
Delta R.T. 0.000 min

Lab File: VX031788.D

Acq: 29 Sep 2022 21:20

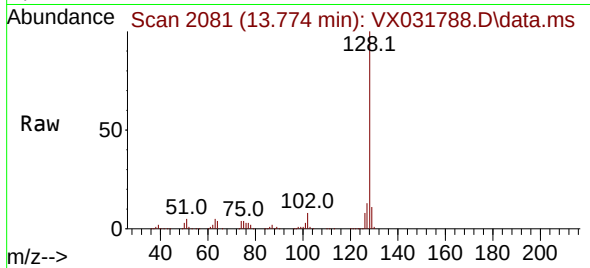
Tgt Ion:	225	Resp:	47045
Ion Ratio	Lower	Upper	
225	100		
223	63.1	30.8	92.4
227	63.5	32.3	96.9





#95
Naphthalene
Concen: 57.565 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

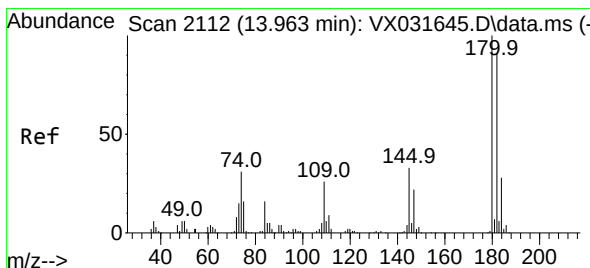
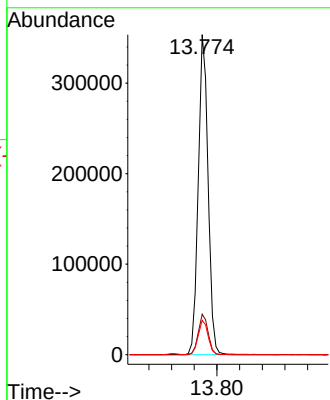
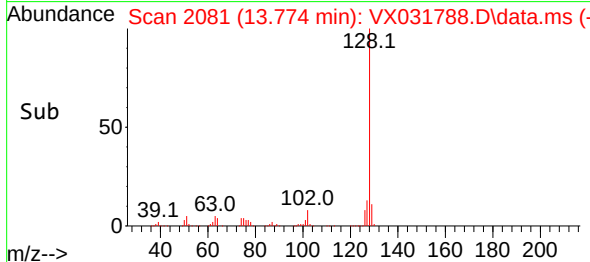
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 424694
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.268 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031788.D
Acq: 29 Sep 2022 21:20

Tgt Ion:180 Resp: 125278
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.8
145 33.0 17.6 52.8

