

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
 Data File : VX030177.D
 Acq On : 22 Jul 2022 14:00
 Operator : JC/MD
 Sample : VX0722WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBL01

Quant Time: Jul 22 23:49:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

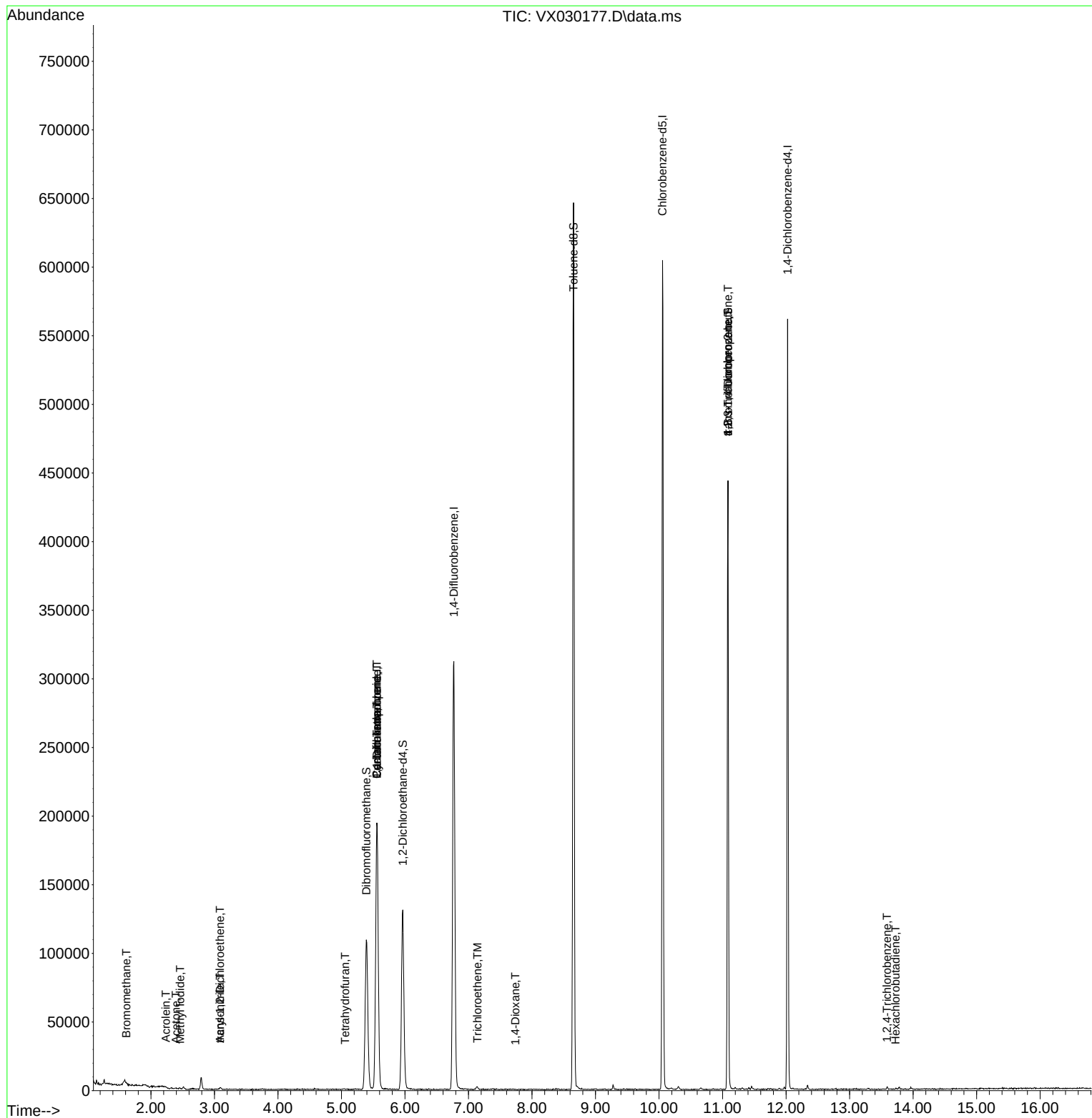
Internal Standards						
1) Pentafluorobenzene	5.556	168	182614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120315	54.129	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.260%	
35) Dibromofluoromethane	5.391	113	99449	47.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.800%	
50) Toluene-d8	8.653	98	376827	48.261	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	11.085	95	122009	45.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	153	Below Cal	#	42
5) Bromomethane	1.611	94	390	0.434	ug/l #	57
10) Methyl Iodide	2.459	142	643	2.742	ug/l #	93
13) Acrolein	2.233	56	88	0.770	ug/l #	82
15) Acrylonitrile	3.087	53	377	0.289	ug/l #	64
16) Acetone	2.392	43	739	0.706	ug/l #	55
20) Methylene Chloride	2.794	84	3350	Below Cal		97
21) trans-1,2-Dichloroethene	3.087	96	594	0.306	ug/l #	84
29) Tetrahydrofuran	5.056	42	503	0.415	ug/l #	32
31) Cyclohexane	5.556	56	4066	1.262	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15083	5.624	ug/l #	48
38) Carbon Tetrachloride	5.556	117	18882	7.550	ug/l #	17
44) Trichloroethene	7.141	130	761	0.309	ug/l	66
49) 1,4-Dioxane	7.738	88	27	0.435	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	60545	23.921	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60545	69.036	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.591	180	624	0.282	ug/l	82
94) Hexachlorobutadiene	13.725	225	178	0.202	ug/l #	66

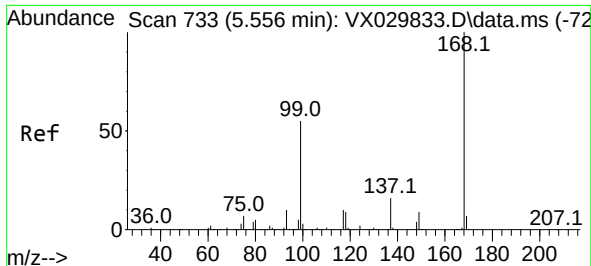
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
Data File : VX030177.D
Acq On : 22 Jul 2022 14:00
Operator : JC/MD
Sample : VX07222WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX07222WBL01

Quant Time: Jul 22 23:49:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

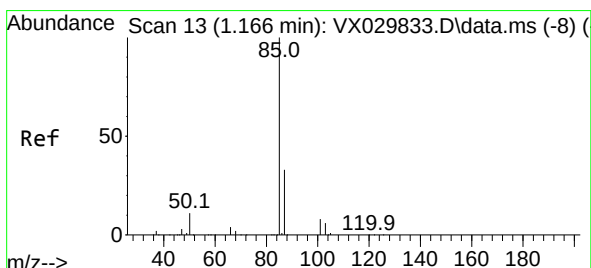
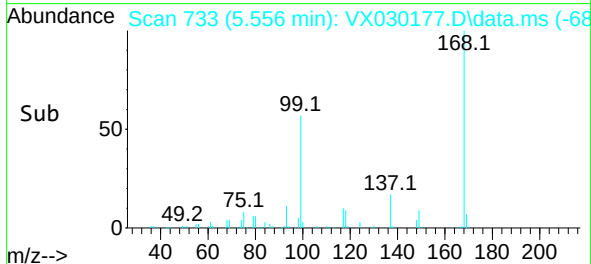
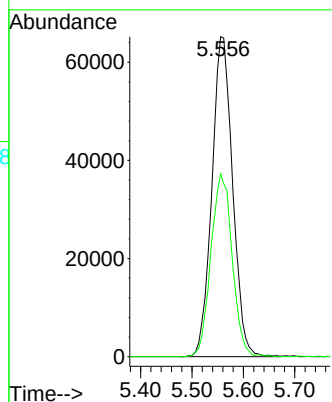
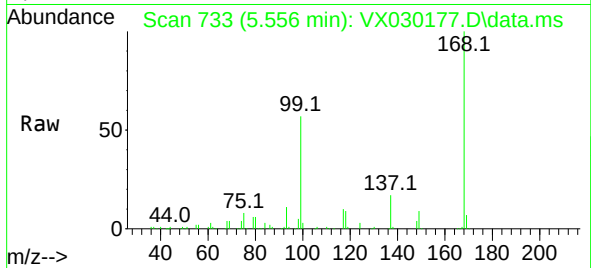




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

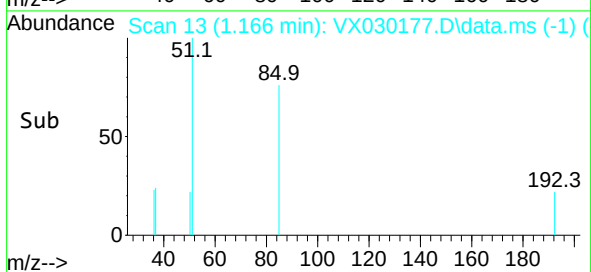
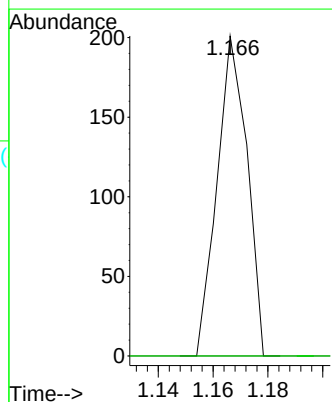
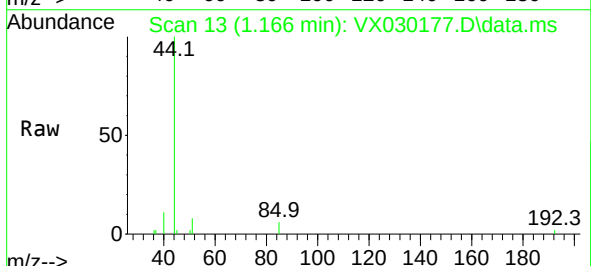
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

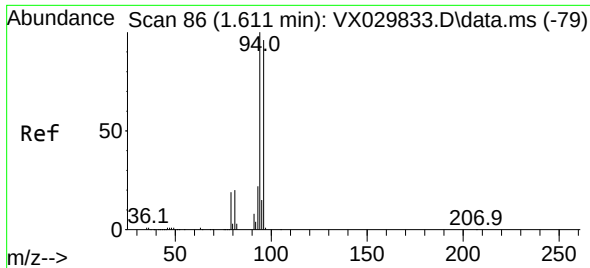
Tgt Ion:168 Resp: 182614
Ion Ratio Lower Upper
168 100
99 57.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 85 Resp: 153
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

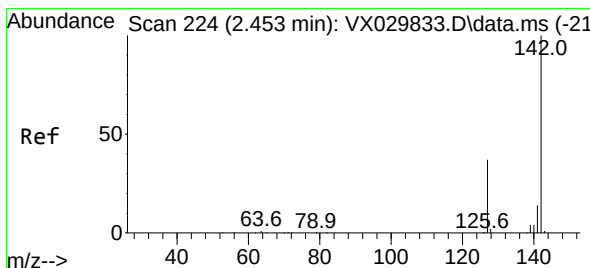
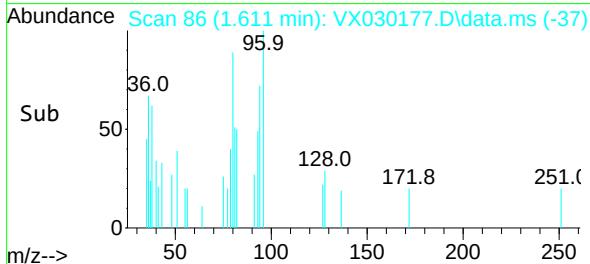
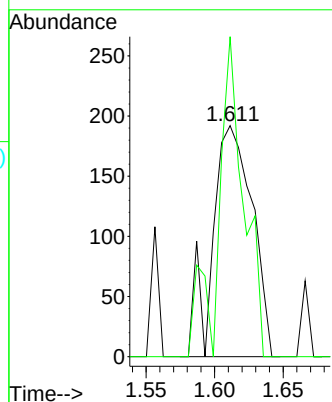
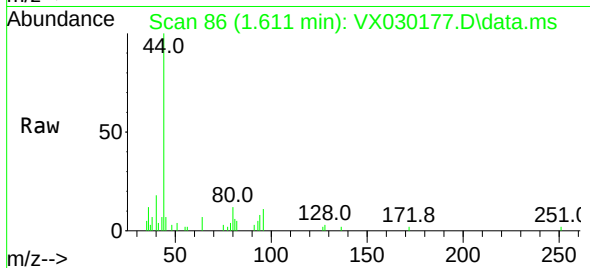




#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

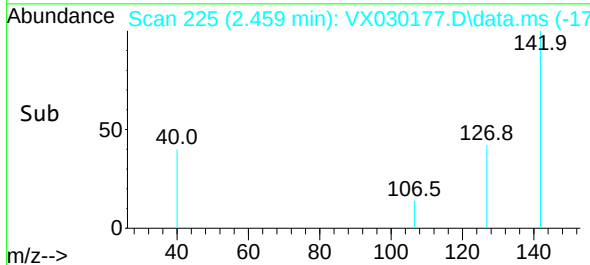
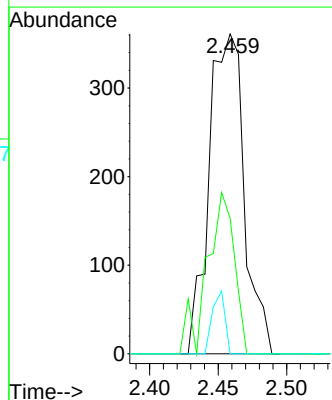
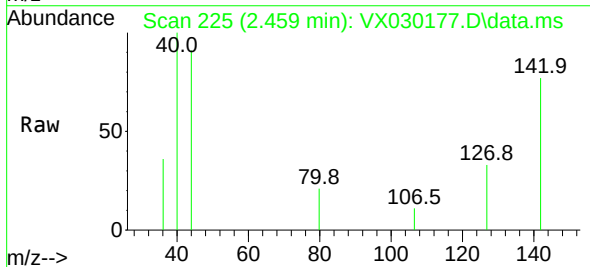
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

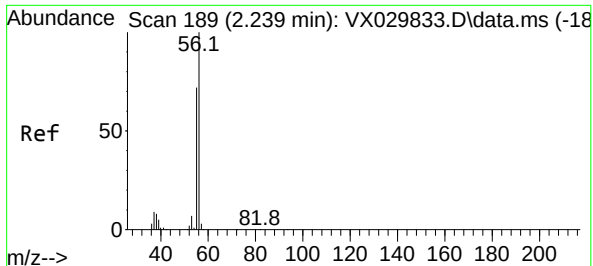
Tgt Ion: 94 Resp: 390
Ion Ratio Lower Upper
94 100
96 138.5 76.9 115.3#



#10
Methyl Iodide
Concen: 2.742 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 142 Resp: 643
Ion Ratio Lower Upper
142 100
127 39.2 30.2 45.2
141 7.0 11.3 16.9#

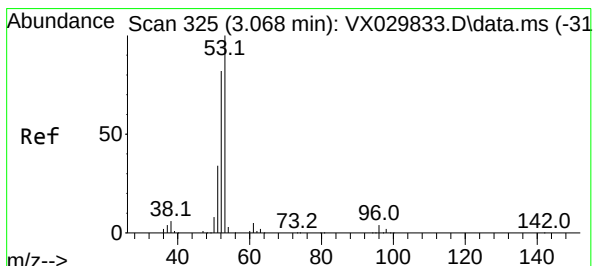
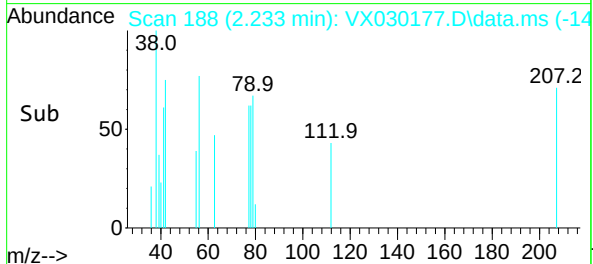
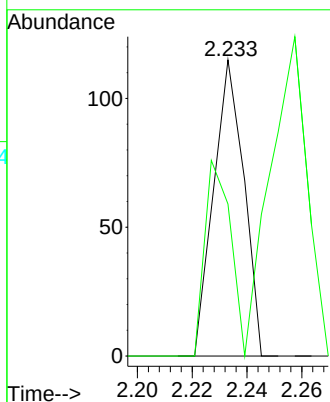
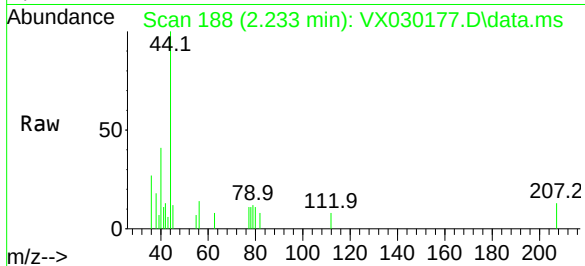




#13
Acrolein
Concen: 0.770 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

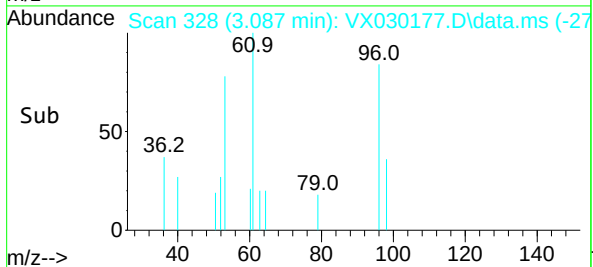
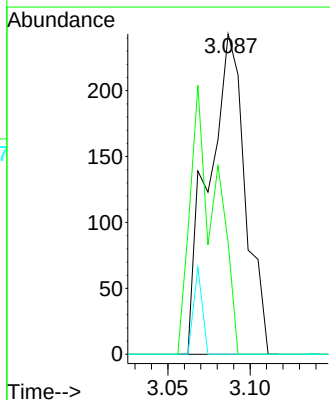
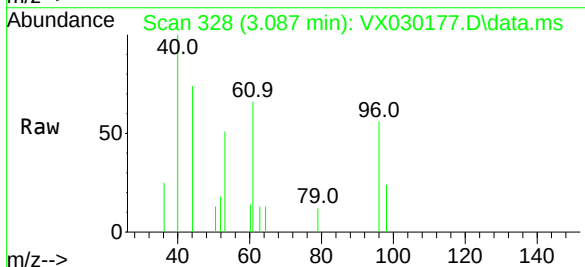
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

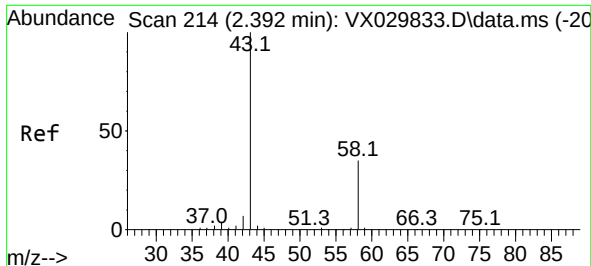
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 55.7 56.6 84.8#



#15
Acrylonitrile
Concen: 0.289 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.019 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 53 Resp: 377
Ion Ratio Lower Upper
53 100
52 58.9 65.4 98.0#
51 0.0 27.7 41.5#

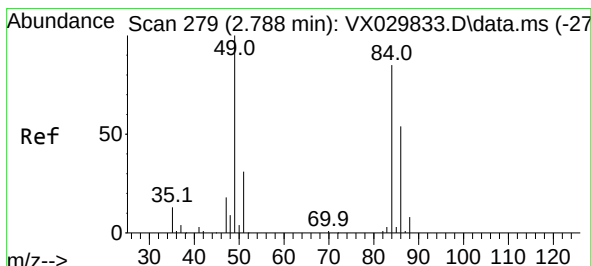
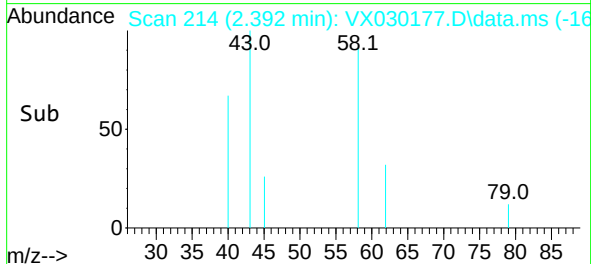
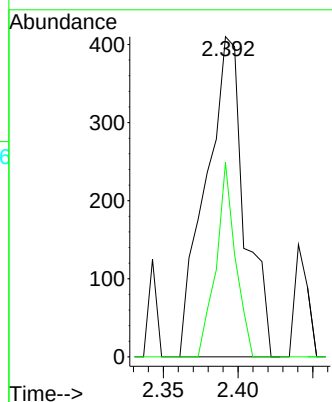
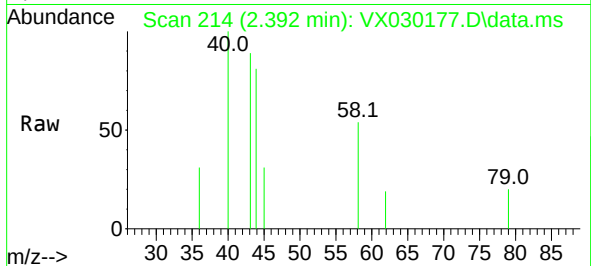




#16
Acetone
Concen: 0.706 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

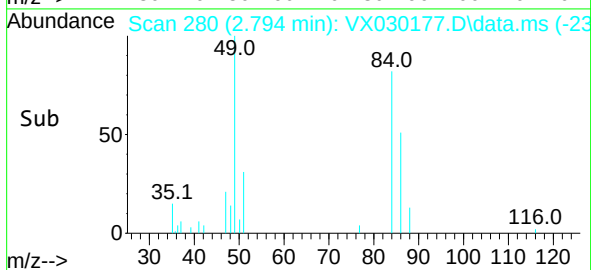
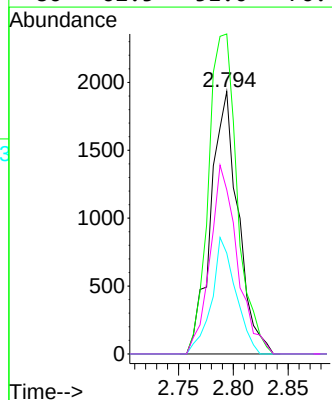
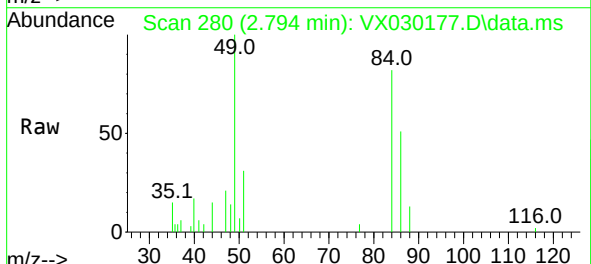
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

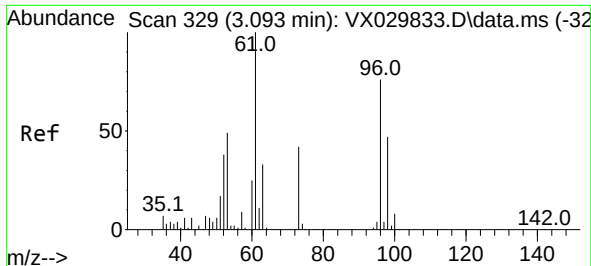
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 60.7 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 84 Resp: 3350
Ion Ratio Lower Upper
84 100
49 121.9 93.8 140.6
51 38.4 29.4 44.0
86 62.5 51.0 76.4

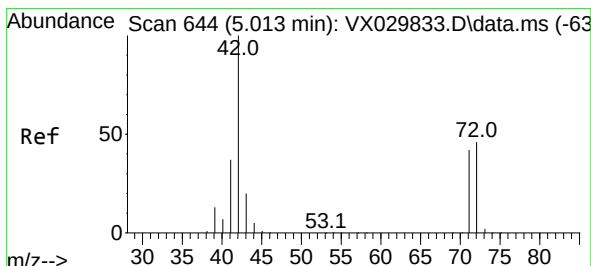
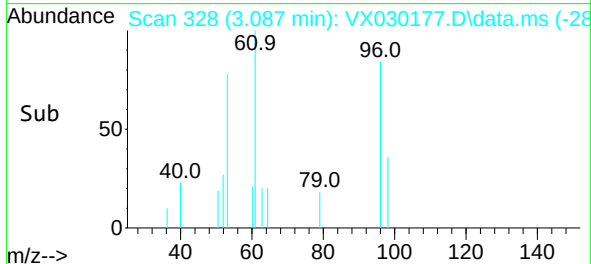
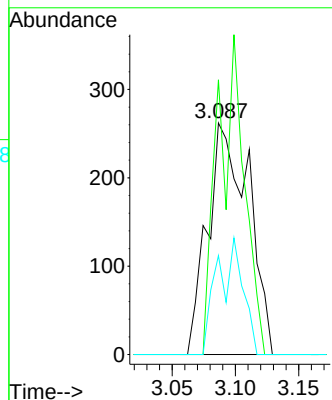
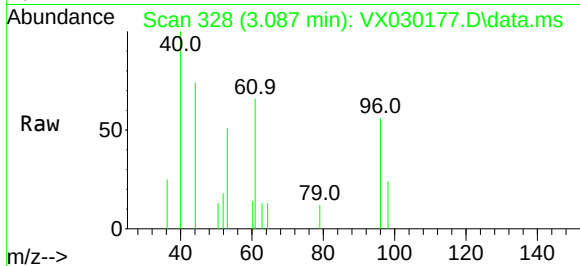




#21
trans-1,2-Dichloroethene
Concen: 0.306 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

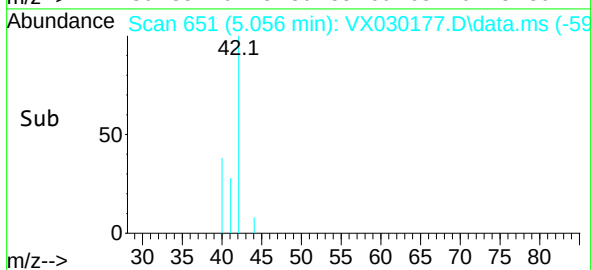
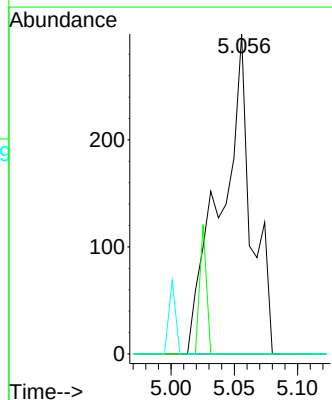
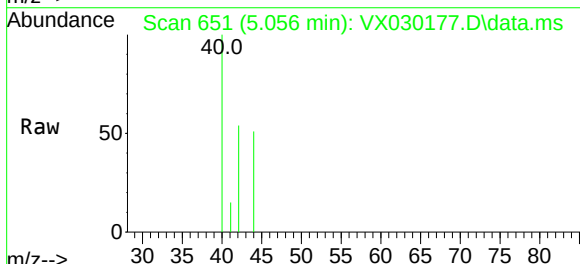
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

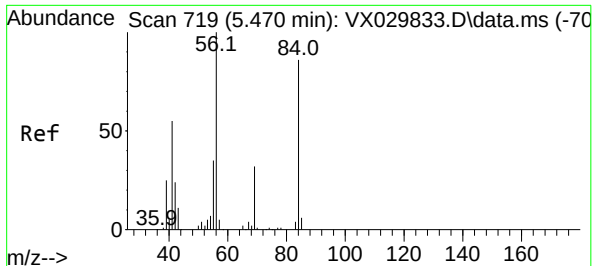
Tgt Ion: 96 Resp: 594
Ion Ratio Lower Upper
96 100
61 118.7 105.6 158.4
98 42.7 50.1 75.1#



#29
Tetrahydrofuran
Concen: 0.415 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.043 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 42 Resp: 503
Ion Ratio Lower Upper
42 100
72 0.0 36.5 54.7#
71 0.0 33.9 50.9#

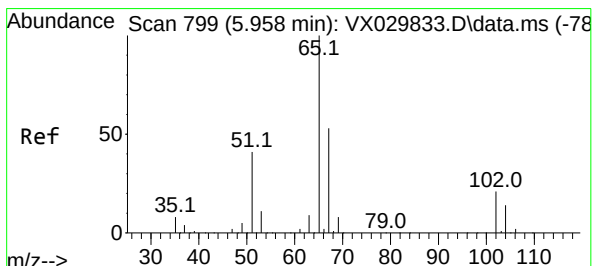
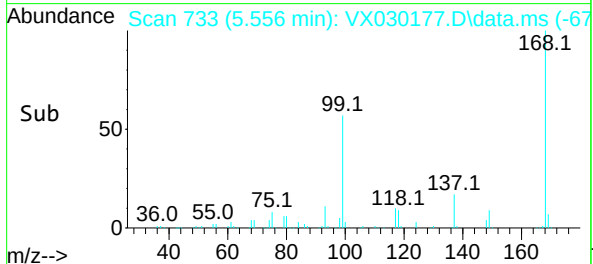
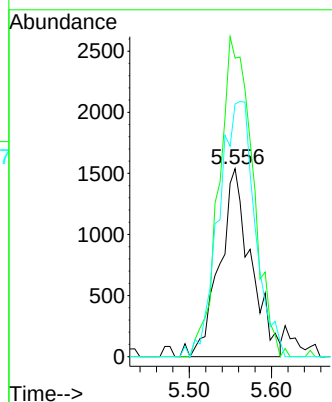
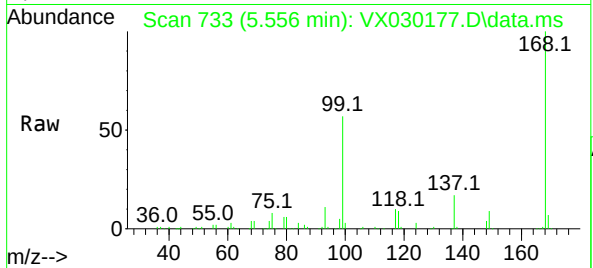




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

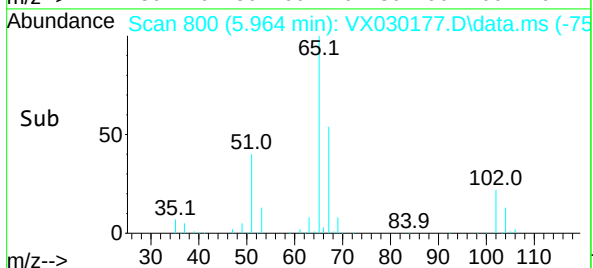
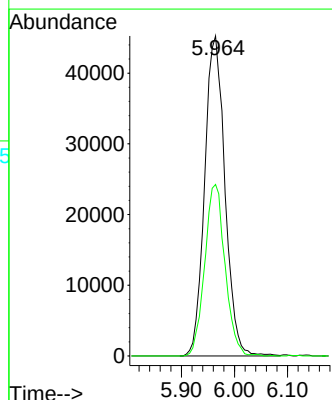
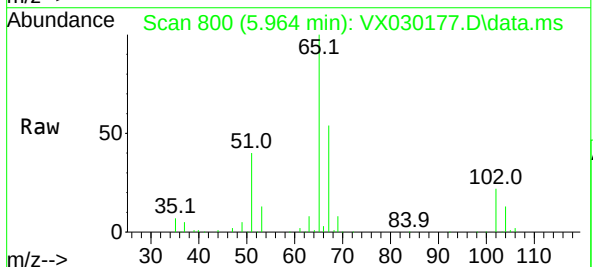
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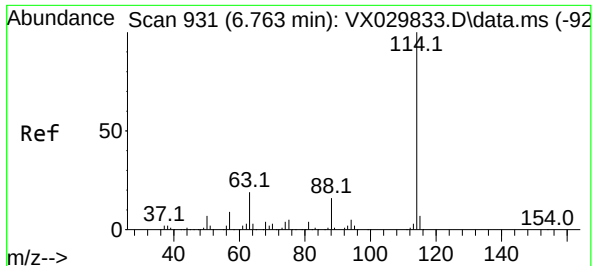
Tgt Ion: 56 Resp: 4066
Ion Ratio Lower Upper
56 100
69 158.8 25.4 38.0#
84 134.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.129 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 65 Resp: 120315
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

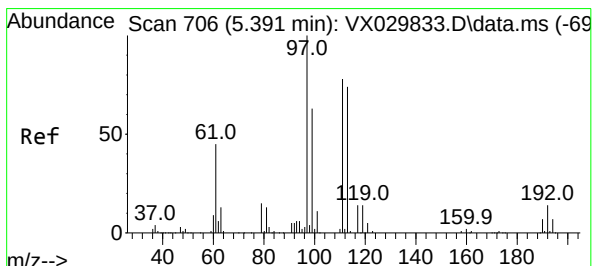
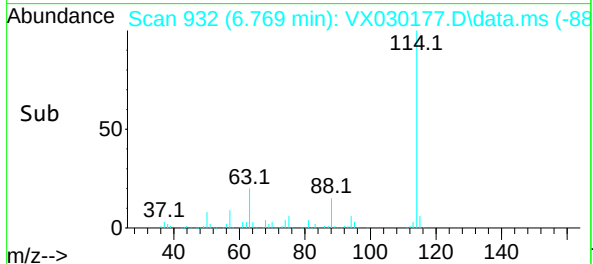
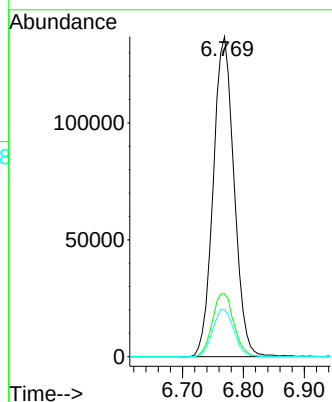
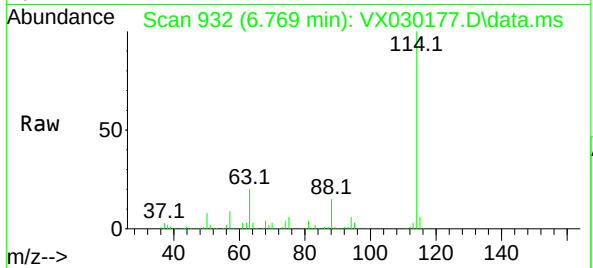




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

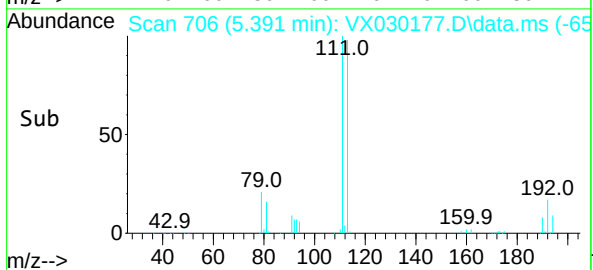
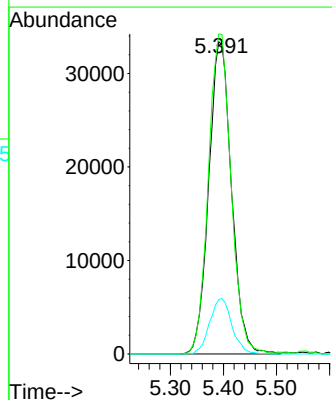
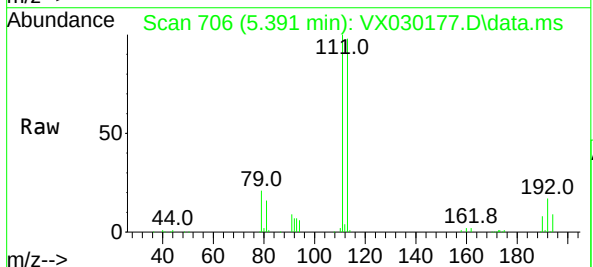
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

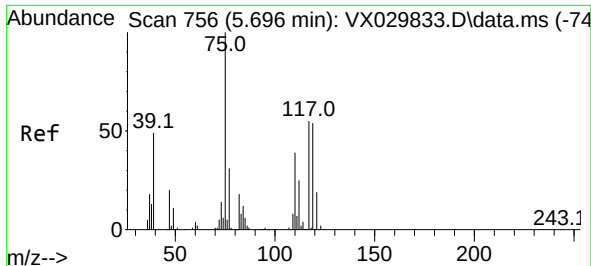
Tgt Ion:114 Resp: 324983
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.902 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion:113 Resp: 99449
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 17.4 14.8 22.2

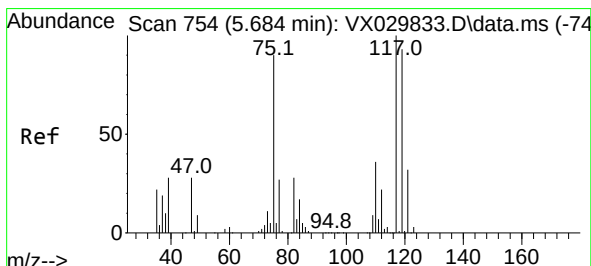
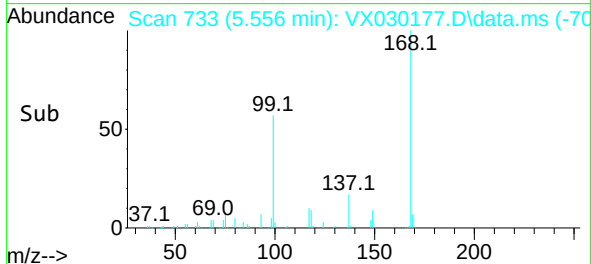
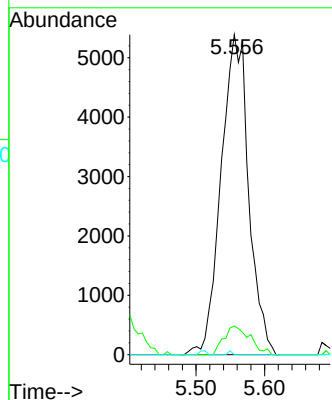
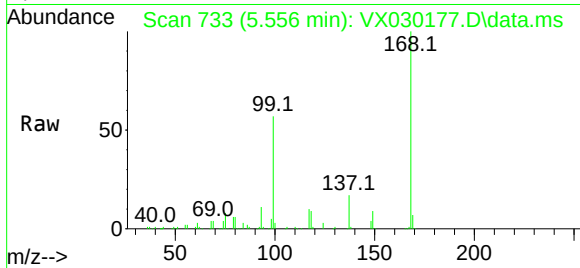




#36
1,1-Dichloropropene
Concen: 5.624 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

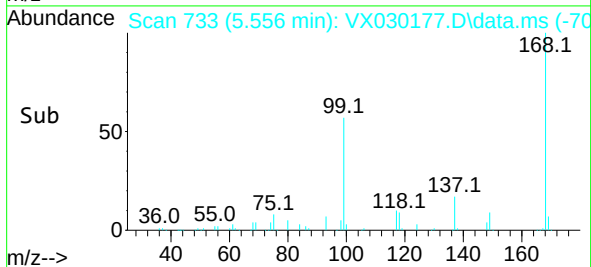
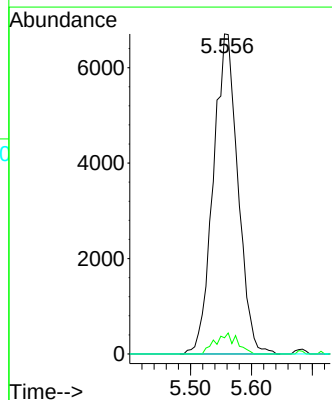
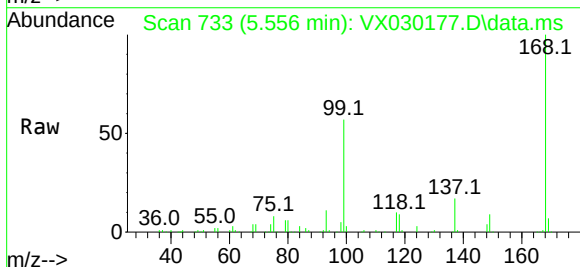
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

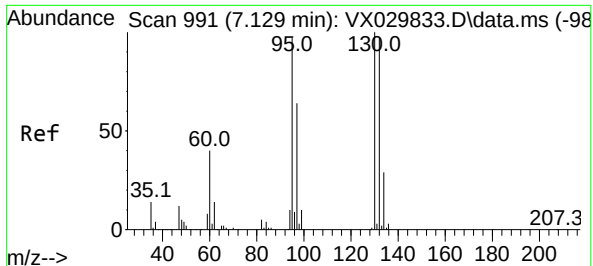
Tgt Ion: 75 Resp: 15083
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.550 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 117 Resp: 18882
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 25.8 38.8#

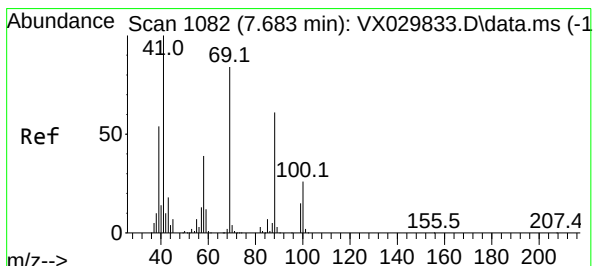
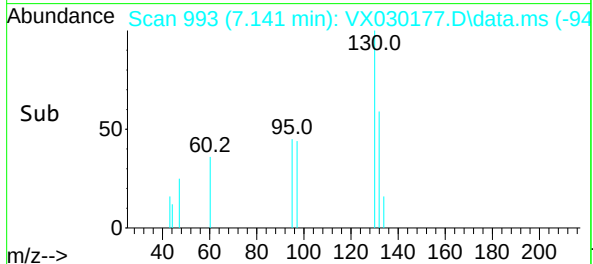
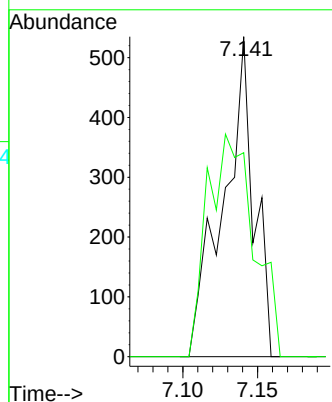
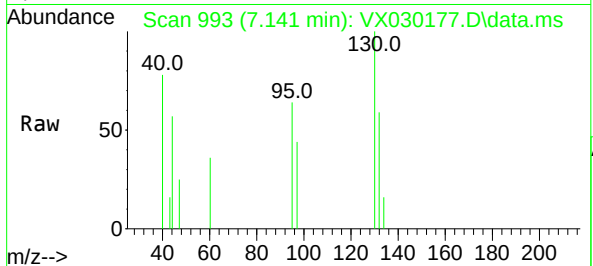




#44
Trichloroethene
Concen: 0.309 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

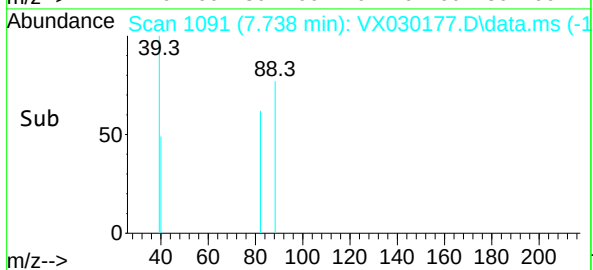
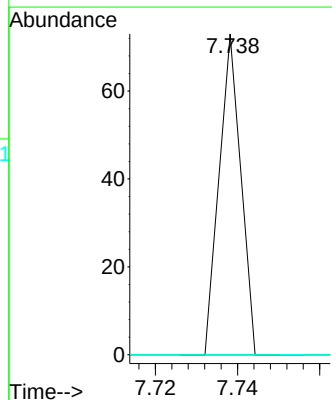
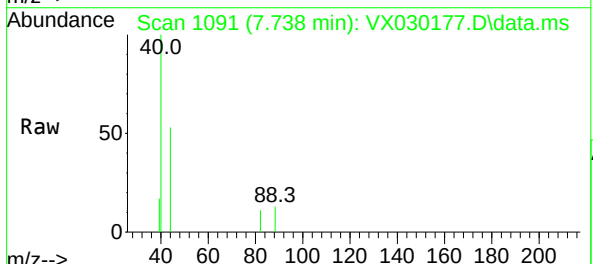
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

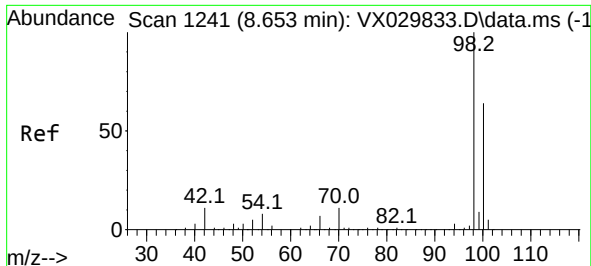
Tgt Ion:130 Resp: 761
Ion Ratio Lower Upper
130 100
95 63.7 0.0 194.8



#49
1,4-Dioxane
Concen: 0.435 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.055 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

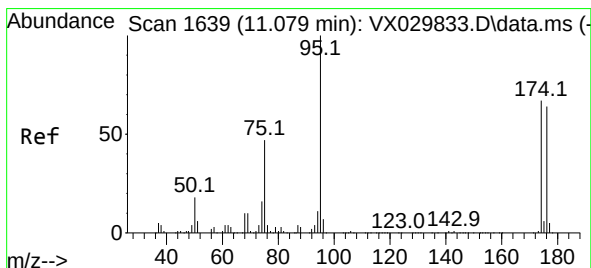
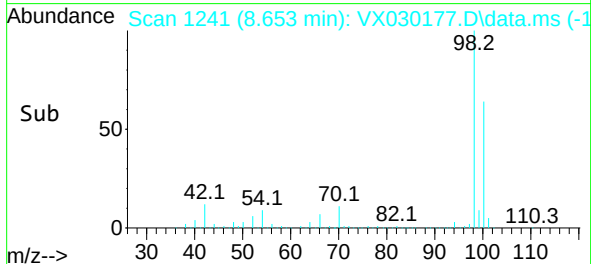
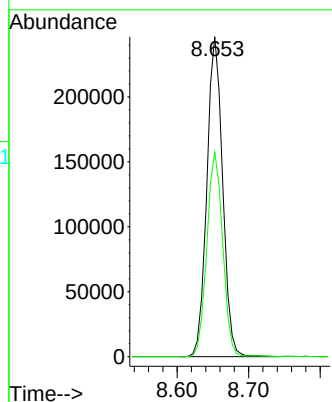
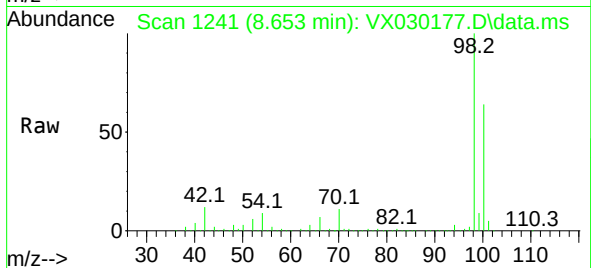




#50
Toluene-d8
Concen: 48.261 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

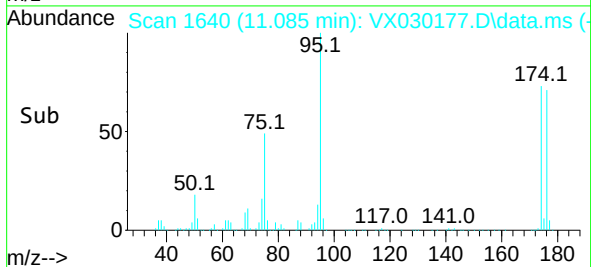
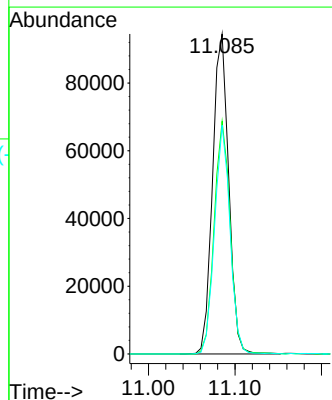
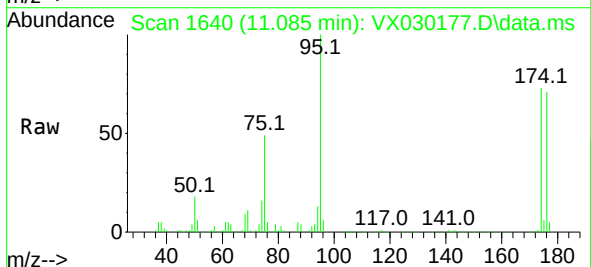
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

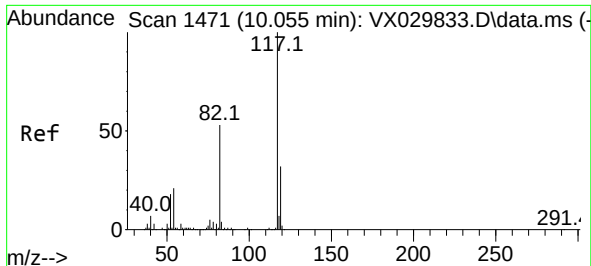
Tgt Ion: 98 Resp: 376827
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.028 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 95 Resp: 122009
Ion Ratio Lower Upper
95 100
174 72.3 0.0 149.0
176 68.7 0.0 146.0

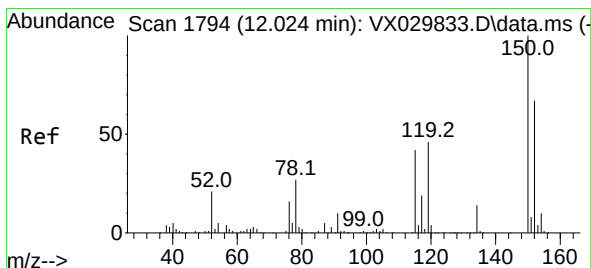
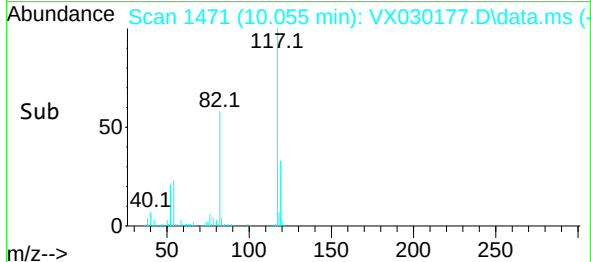
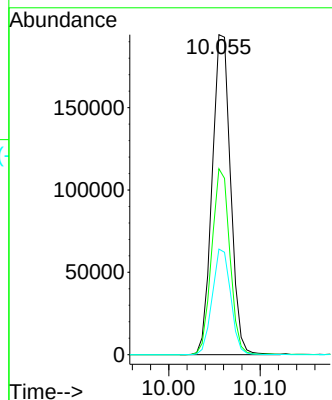
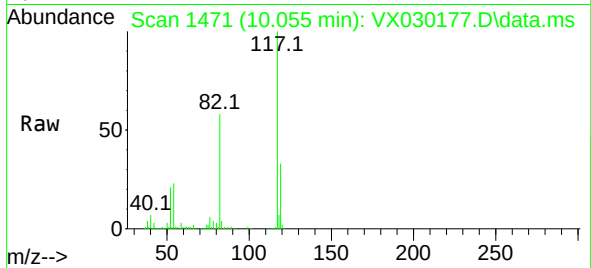




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

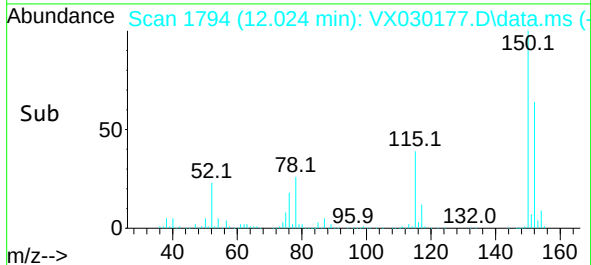
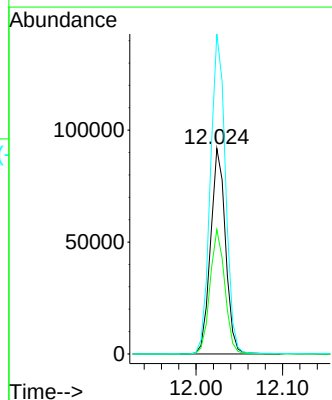
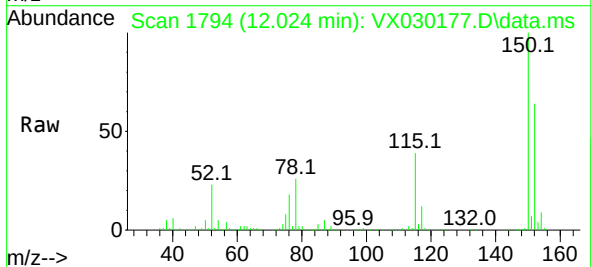
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

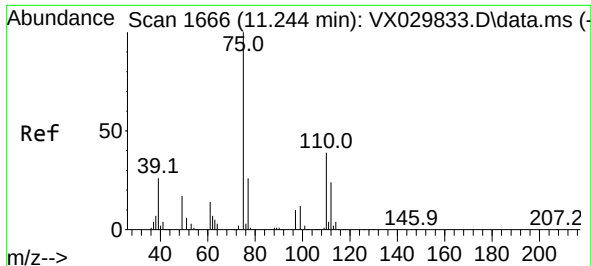
Tgt Ion:117 Resp: 271808
Ion Ratio Lower Upper
117 100
82 58.1 42.7 64.1
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion:152 Resp: 110082
Ion Ratio Lower Upper
152 100
115 59.9 40.5 121.5
150 157.6 0.0 347.0

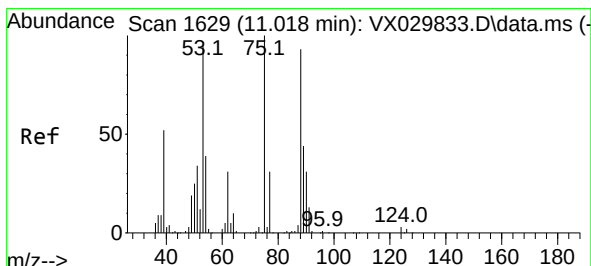
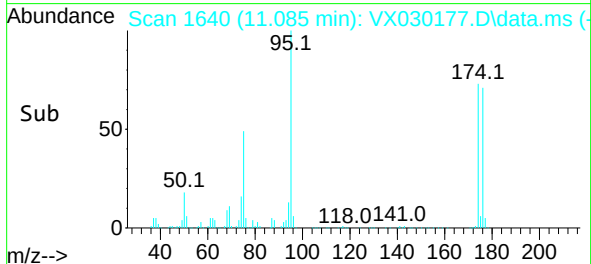
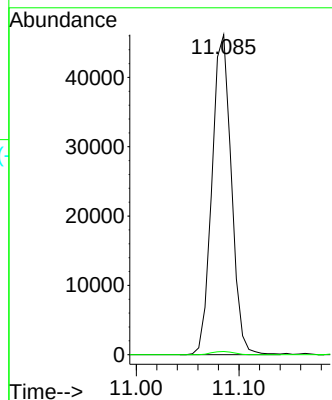
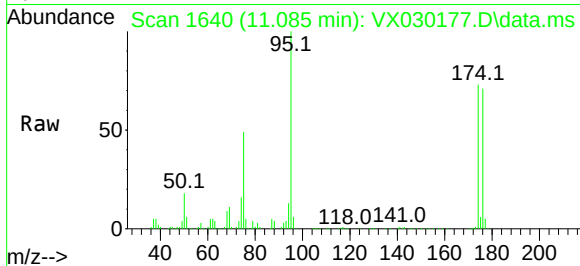




#76
1,2,3-Trichloropropane
Concen: 23.921 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

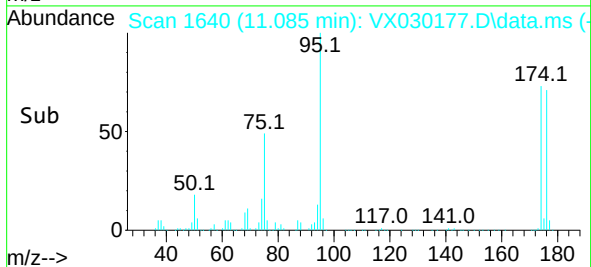
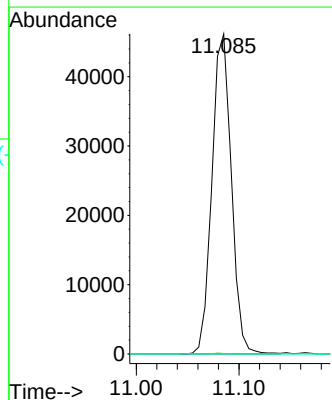
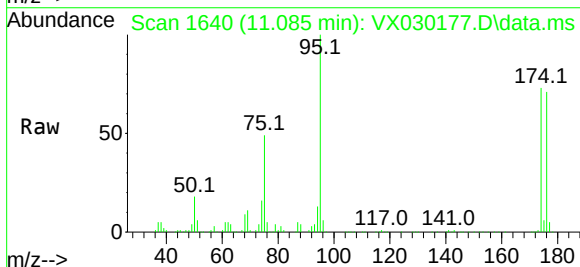
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

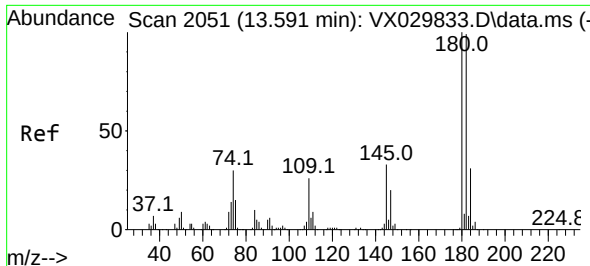
Tgt Ion: 75 Resp: 60545
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.036 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion: 75 Resp: 60545
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

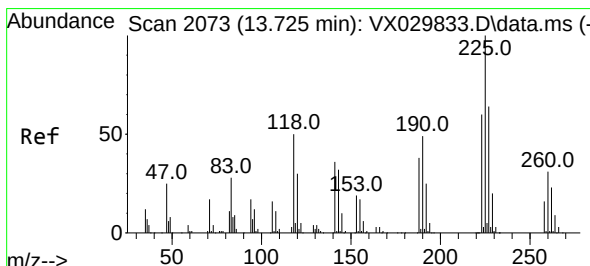
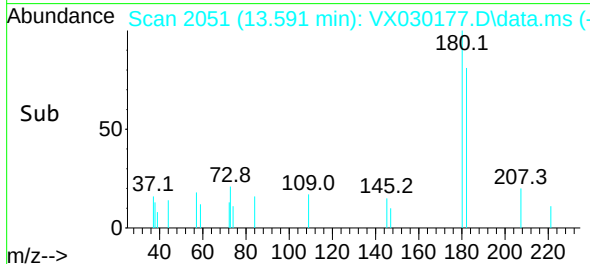
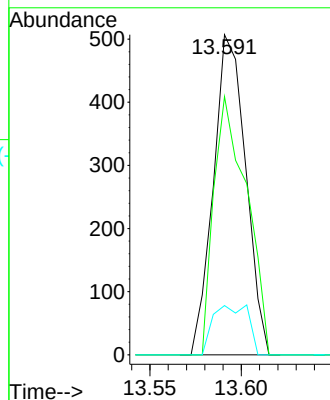
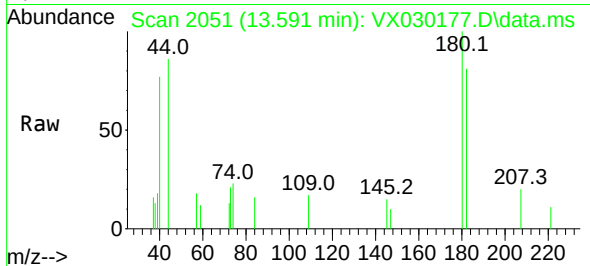




#93
1,2,4-Trichlorobenzene
Concen: 0.282 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

Tgt Ion:180	Resp:	624
Ion Ratio	Lower	Upper
180	100	
182	82.1	48.2 144.6
145	16.8	15.9 47.6



#94
Hexachlorobutadiene
Concen: 0.202 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX030177.D
Acq: 22 Jul 2022 14:00

Tgt Ion:225	Resp:	178
Ion Ratio	Lower	Upper
225	100	
223	14.0	30.6 91.6#
227	69.1	31.9 95.9

