

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023014.D
 Acq On : 29 Jun 2021 19:27
 Operator : JC/MD
 Sample : M2889-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Jun 30 01:46:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

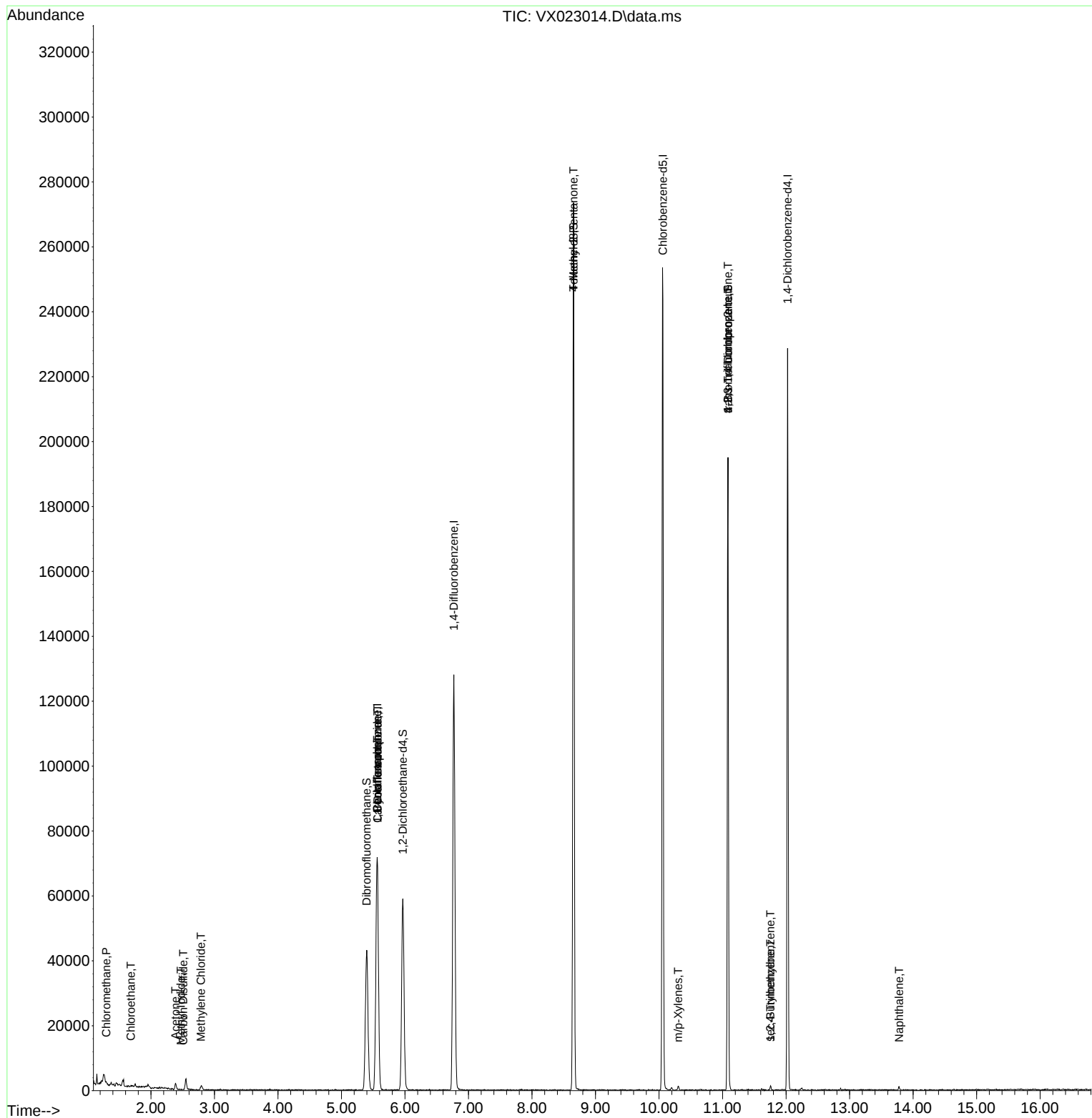
Internal Standards						
1) Pentafluorobenzene	5.562	168	56645	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	119062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	103182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54340	52.861	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.720%			
35) Dibromofluoromethane	5.397	113	37226	49.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	8.653	98	147283	49.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.400%			
62) 4-Bromofluorobenzene	11.085	95	50556	45.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.440%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	234	0.267	ug/l	# 42
6) Chloroethane	1.685	64	173	0.346	ug/l	# 43
10) Methyl Iodide	2.471	142	21	3.901	ug/l	# 42
16) Acetone	2.386	43	1959	4.299	ug/l	93
17) Carbon Disulfide	2.508	76	74	3.550	ug/l	# 75
20) Methylene Chloride	2.788	84	565	0.993	ug/l	# 71
31) Cyclohexane	5.562	56	1928	1.328	ug/l	# 38
36) 1,1-Dichloropropene	5.568	75	6517	5.153	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	6888	6.494	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	899	0.613	ug/l	# 1
68) m/p-Xylenes	10.299	106	389	0.262	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	28570	27.731	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28570	71.660	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.756	105	841	0.308	ug/l	95
85) sec-Butylbenzene	11.756	105	841	0.244	ug/l	# 57
95) Naphthalene	13.780	128	964	2.214	ug/l	# 81

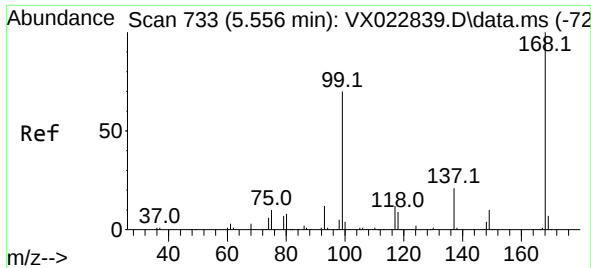
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 23 19:12:26 2021
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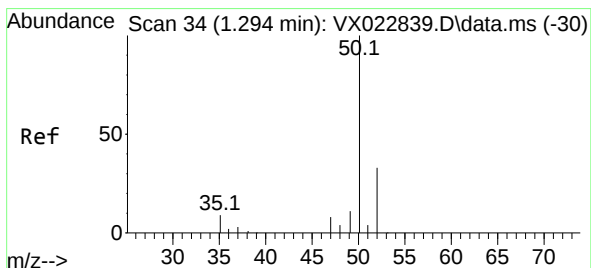
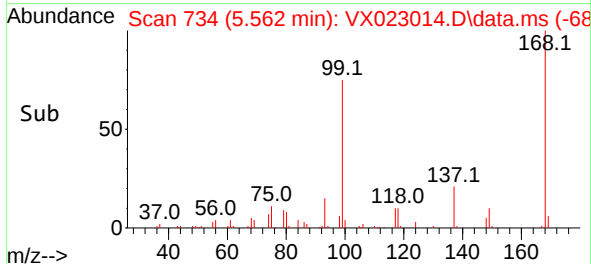
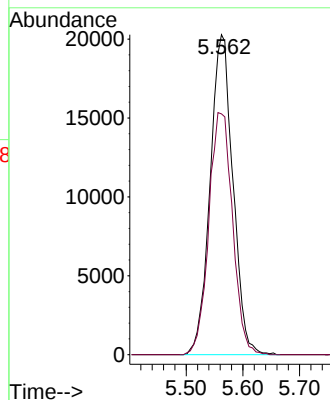
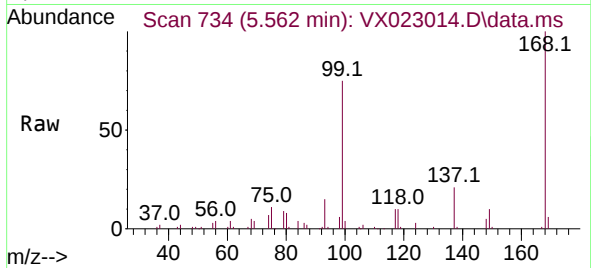




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

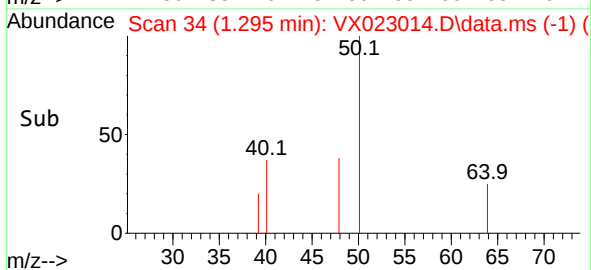
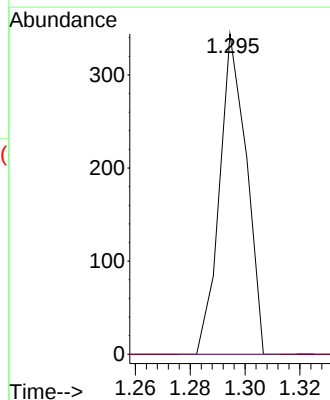
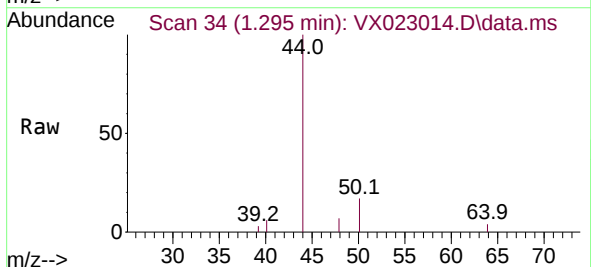
Instrument :
MSVOA_X
ClientSampled :
TW-1

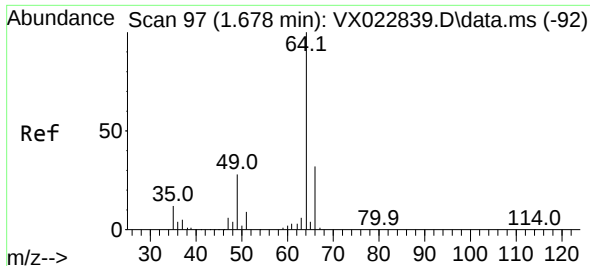
Tgt Ion:168 Resp: 56645
Ion Ratio Lower Upper
168 100
99 75.3 45.8 68.6#



#3
Chloromethane
Concen: 0.267 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

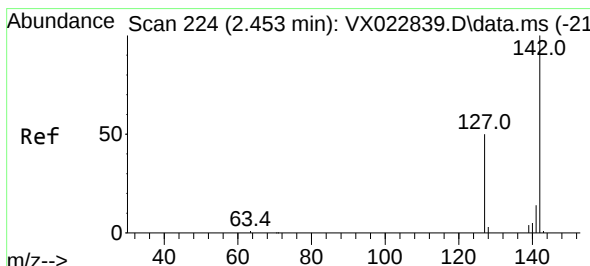
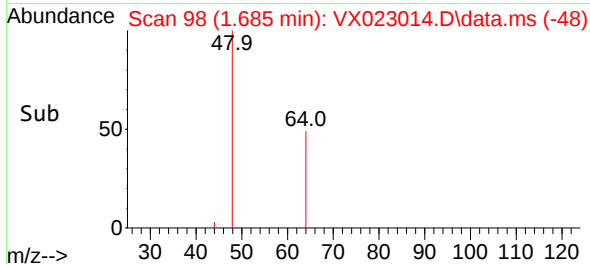
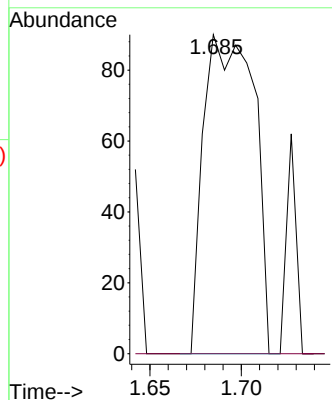
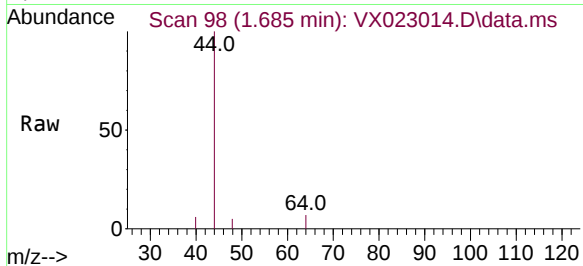




#6
Chloroethane
Concen: 0.346 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

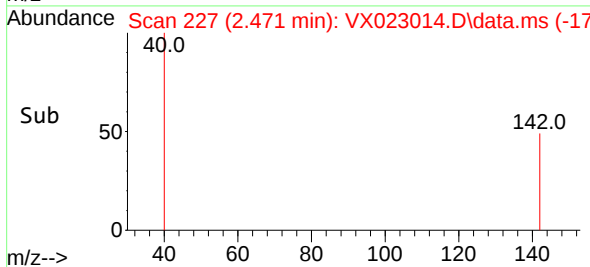
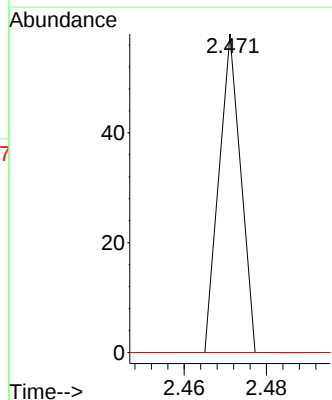
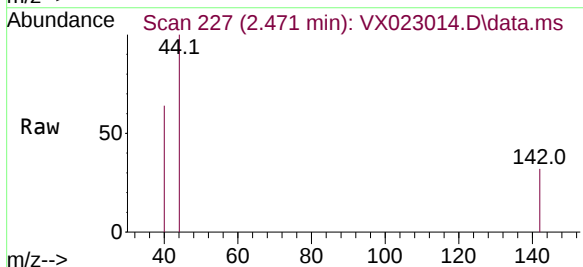
Instrument :
MSVOA_X
ClientSampleId :
TW-1

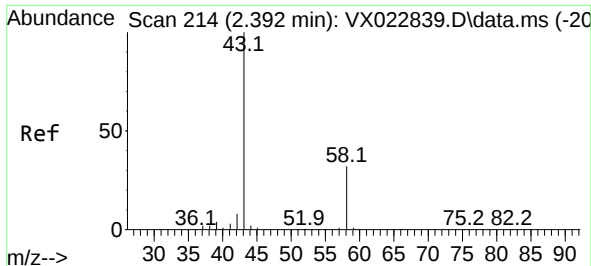
Tgt Ion: 64 Resp: 173
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 3.901 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

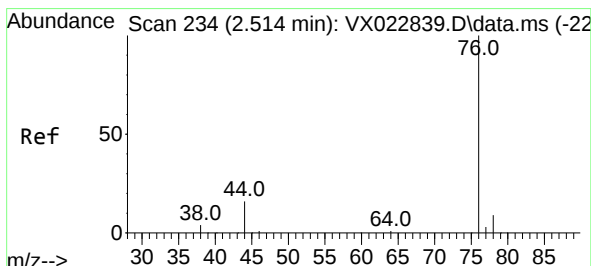
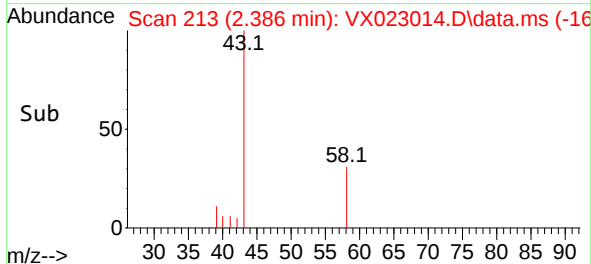
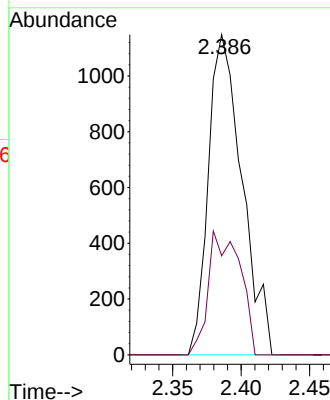
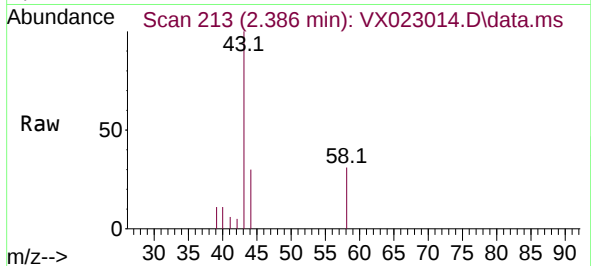




#16
Acetone
Concen: 4.299 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

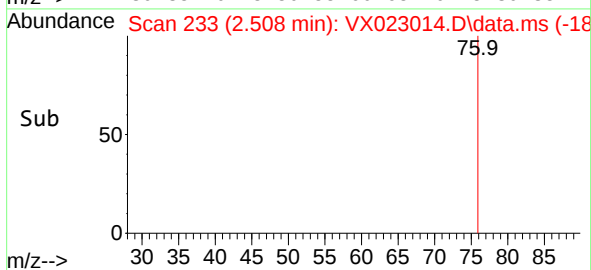
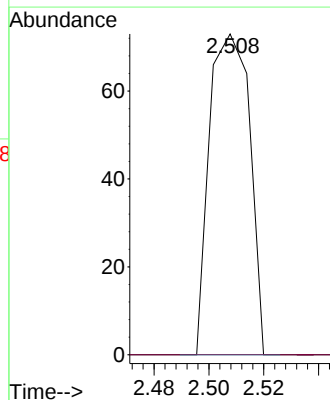
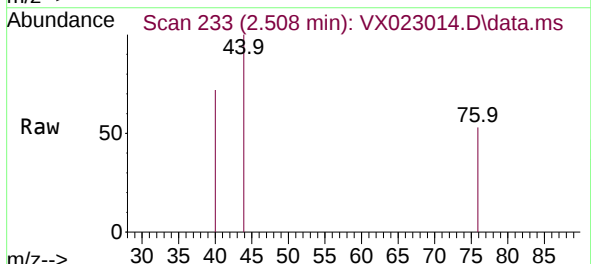
Instrument :
MSVOA_X
ClientSampled :
TW-1

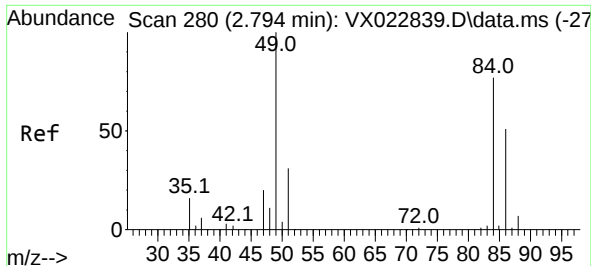
Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#17
Carbon Disulfide
Concen: 3.550 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 76 Resp: 74
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.993 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023014.D

Acq: 29 Jun 2021 19:27

Tgt Ion: 84 Resp: 565

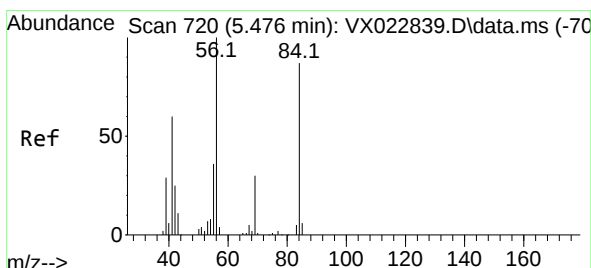
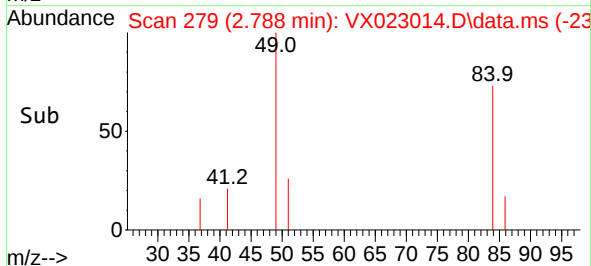
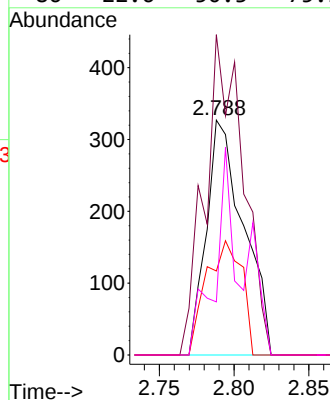
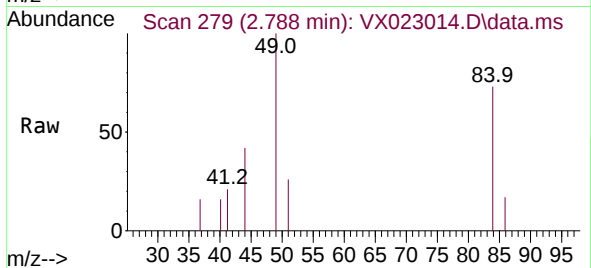
Ion Ratio Lower Upper

84 100

49 136.4 88.6 132.8#

51 35.8 27.0 40.6

86 22.6 50.3 75.5#



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX023014.D

Acq: 29 Jun 2021 19:27

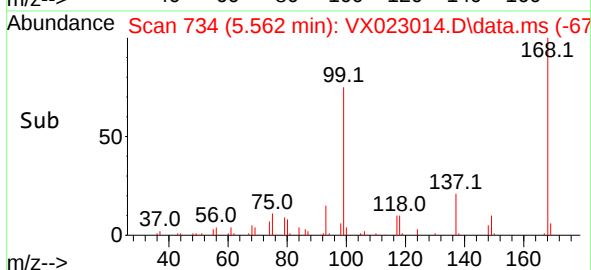
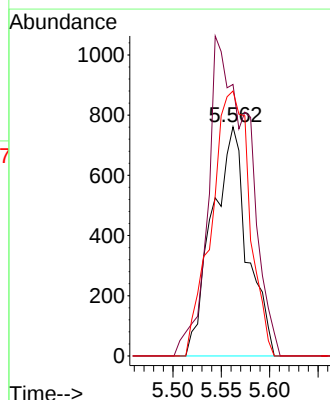
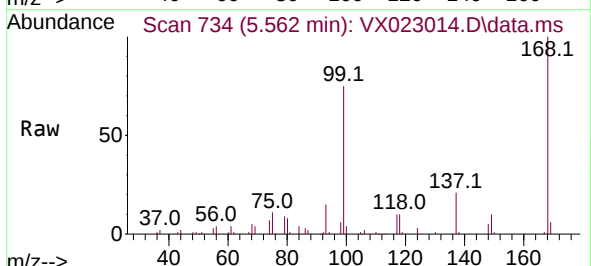
Tgt Ion: 56 Resp: 1928

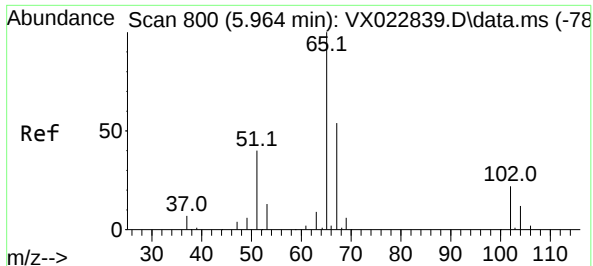
Ion Ratio Lower Upper

56 100

69 118.5 25.3 37.9#

84 115.6 71.4 107.0#



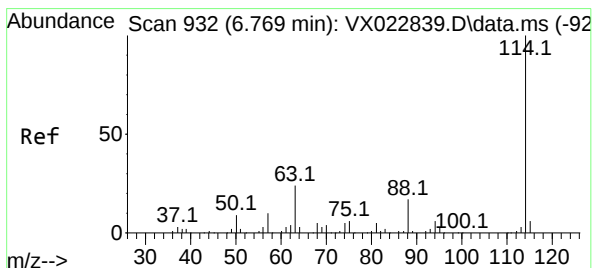
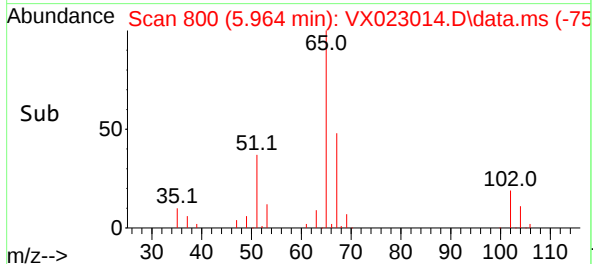
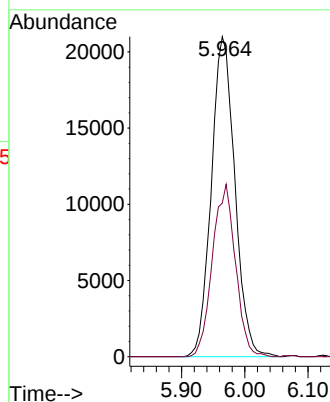
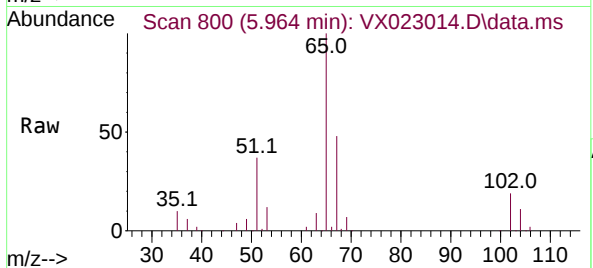


#33

1,2-Dichloroethane-d4
Concen: 52.861 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Instrument :
MSVOA_X
ClientSampled :
TW-1

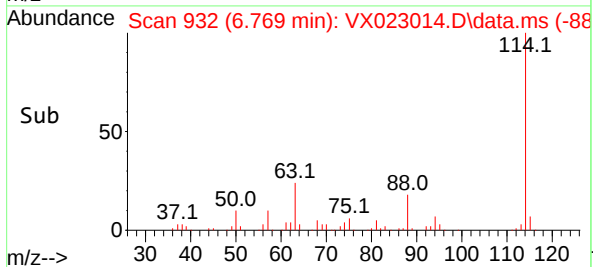
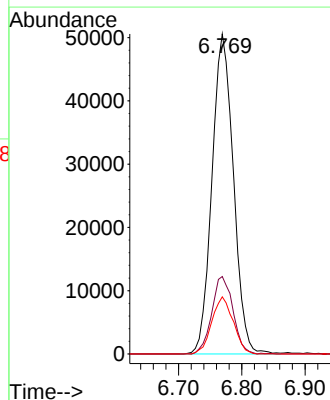
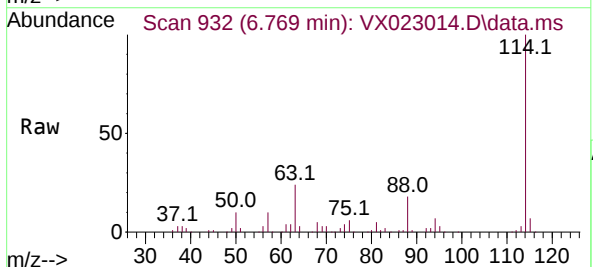
Tgt Ion: 65 Resp: 54340
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

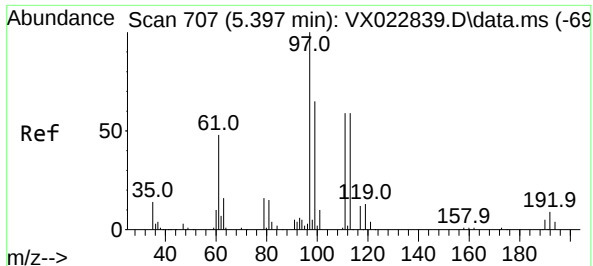


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 114 Resp: 119062
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 17.9 0.0 32.8

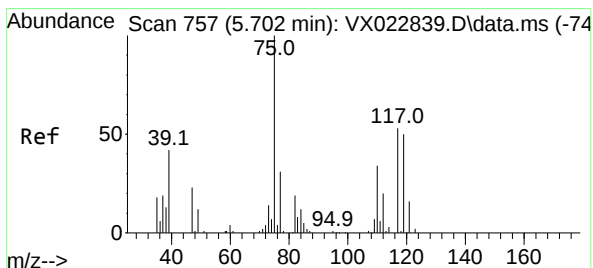
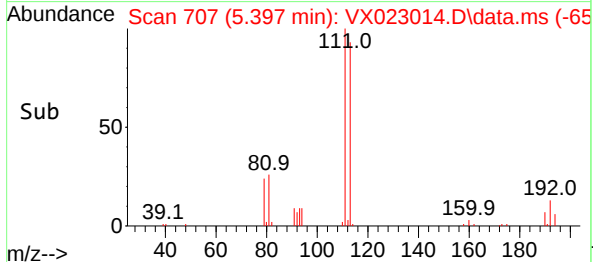
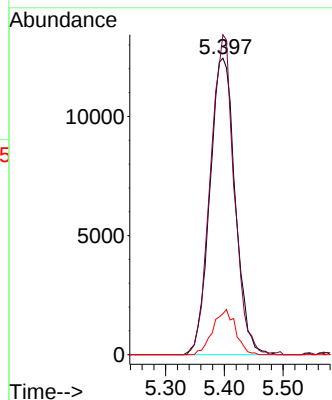
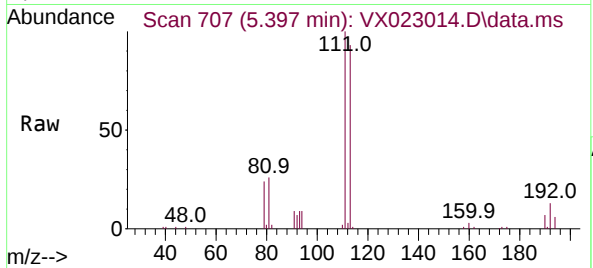




#35
Dibromofluoromethane
Concen: 49.236 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

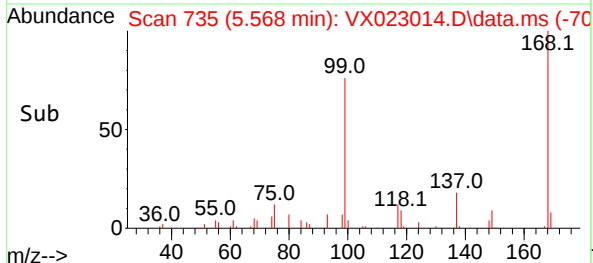
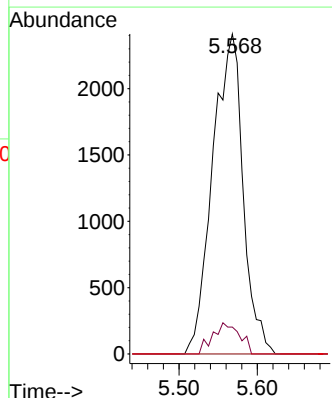
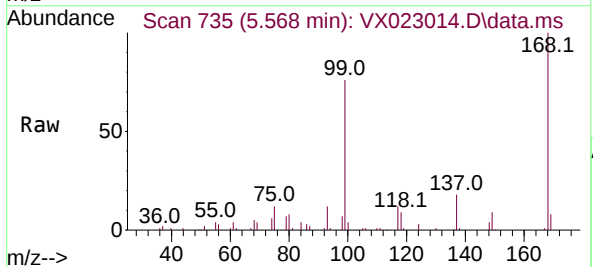
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MSVOA_X
ClientSampleId :
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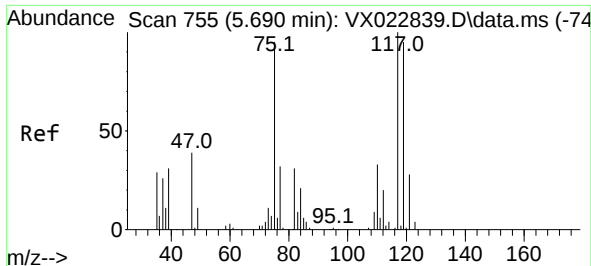
Tgt Ion:113 Resp: 37226
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 13.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.153 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

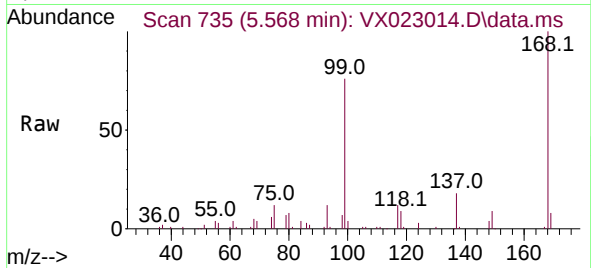
Tgt Ion: 75 Resp: 6517
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



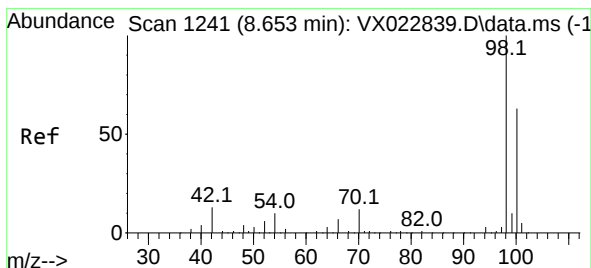
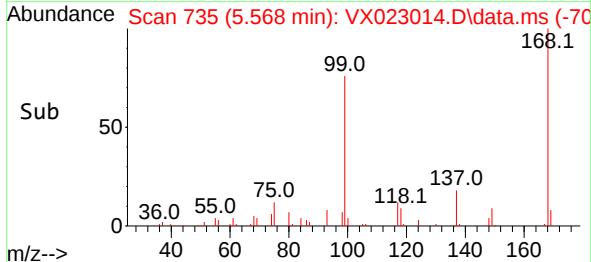
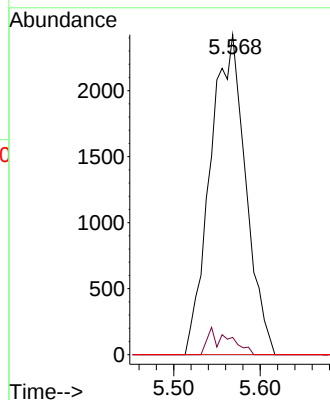


#38
Carbon Tetrachloride
Concen: 6.494 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Instrument :
MSVOA_X
ClientSampled :
TW-1

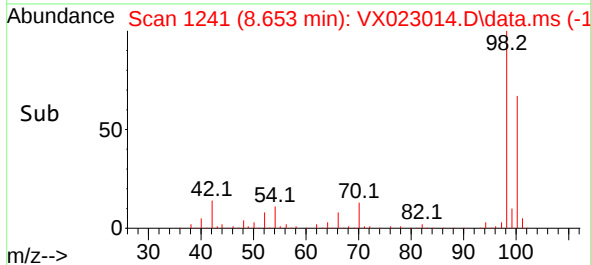
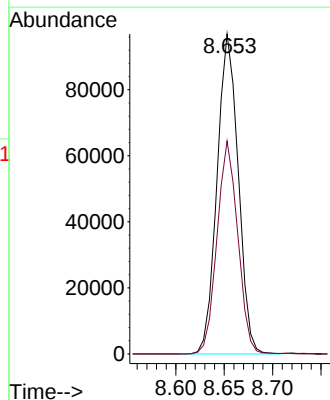
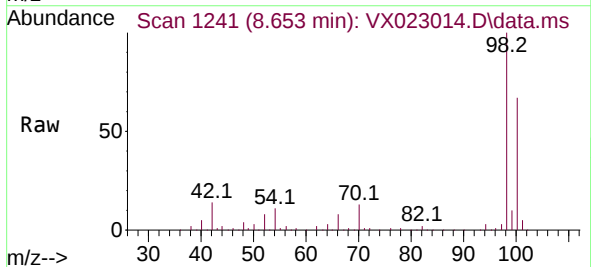


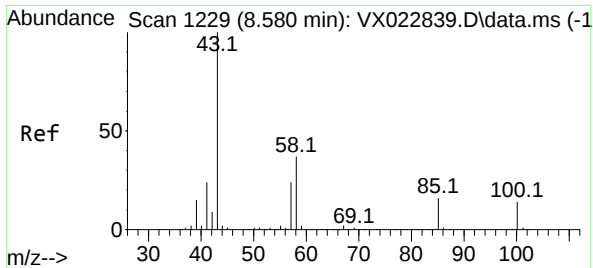
Tgt Ion:117 Resp: 6888
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.704 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 98 Resp: 147283
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

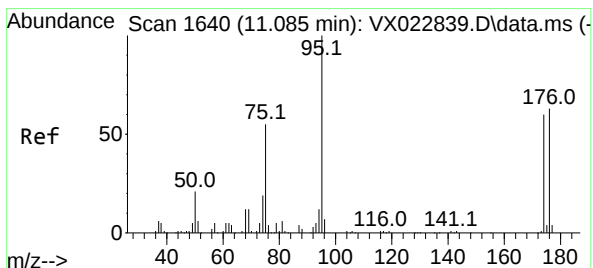
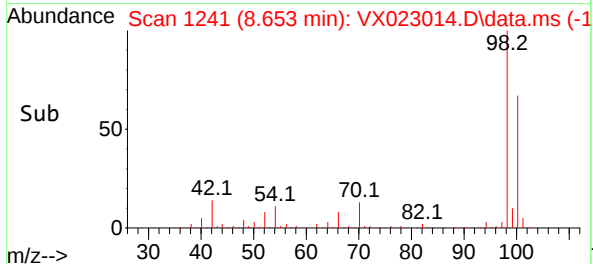
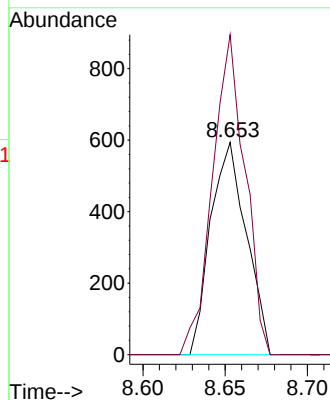
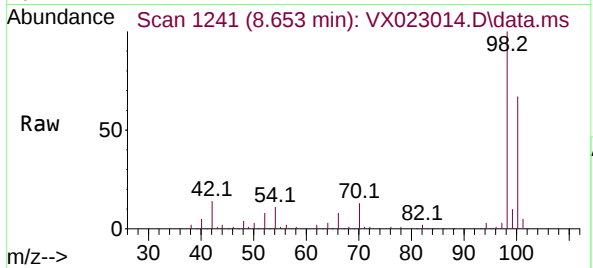




#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

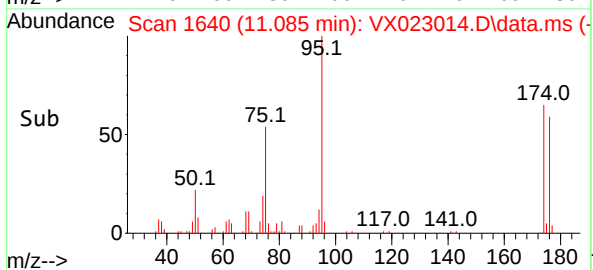
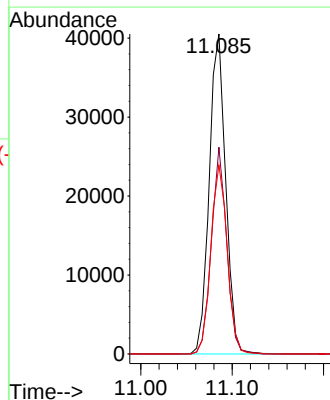
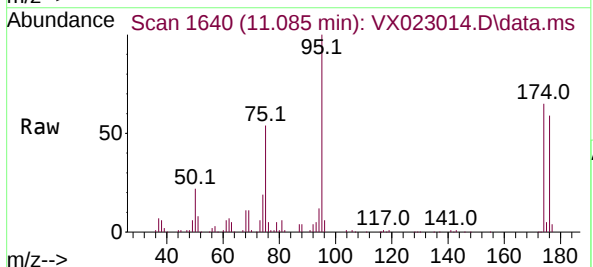
Instrument :
MSVOA_X
ClientSampled :
TW-1

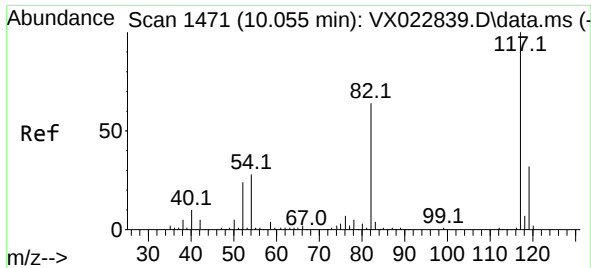
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 137.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.715 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 95 Resp: 50556
Ion Ratio Lower Upper
95 100
174 59.9 0.0 154.6
176 58.8 0.0 155.8

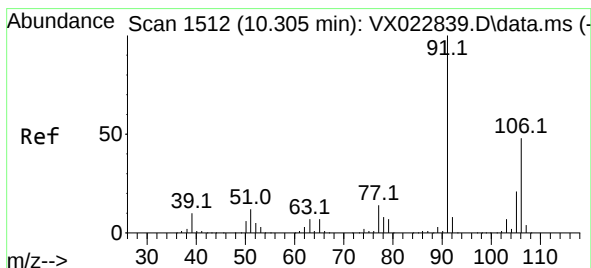
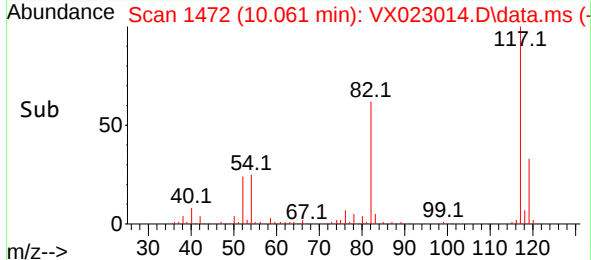
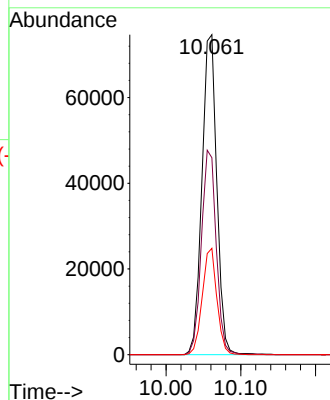
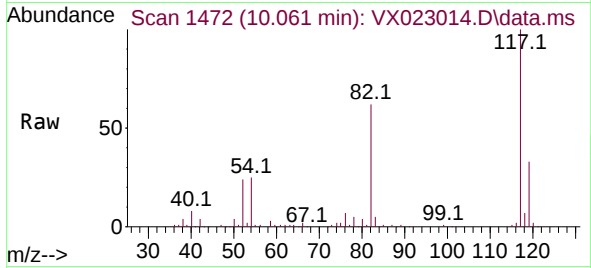




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

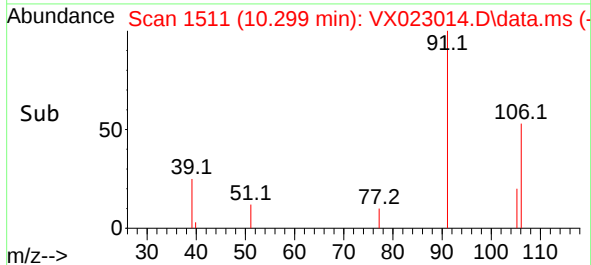
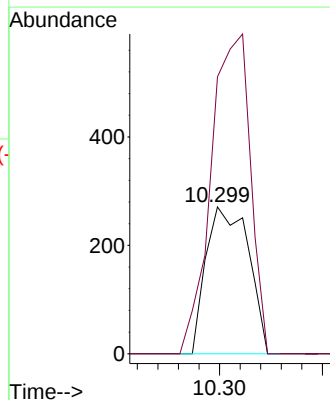
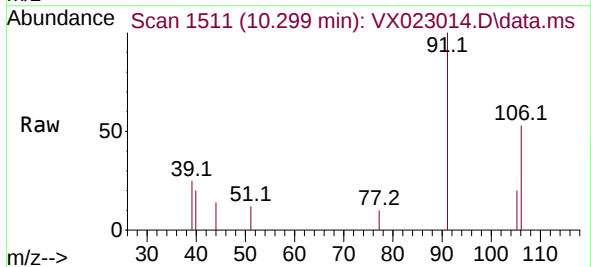
Instrument :
MSVOA_X
ClientSampleId :
TW-1

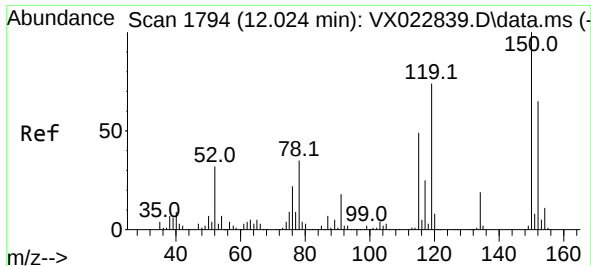
Tgt Ion:117 Resp: 103182
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 33.2 26.6 39.8



#68
m/p-Xylenes
Concen: 0.262 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion:106 Resp: 389
Ion Ratio Lower Upper
106 100
91 201.3 162.8 244.2

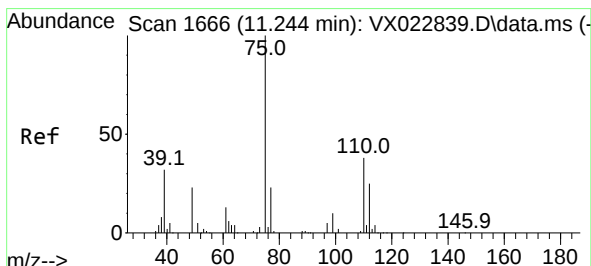
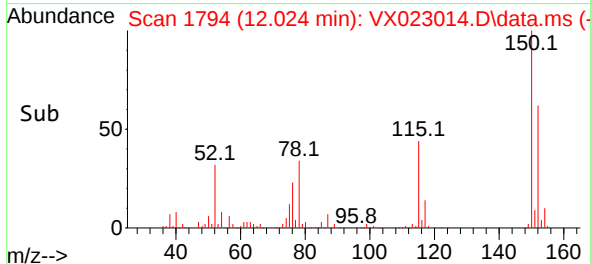
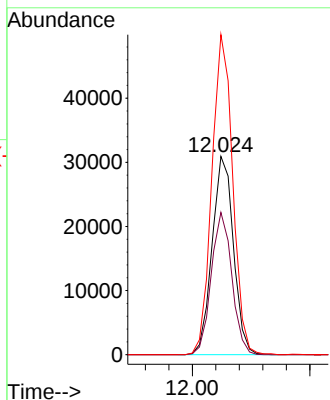
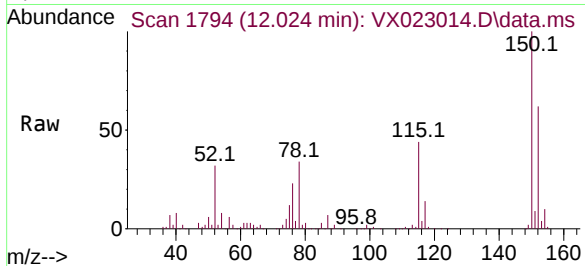




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

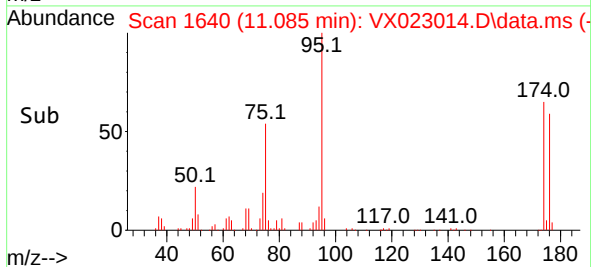
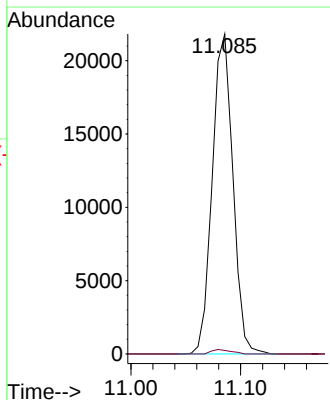
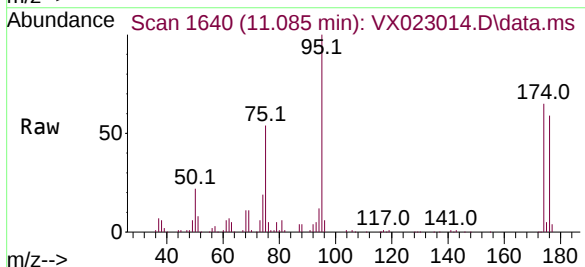
Instrument :
MSVOA_X
ClientSampled :
TW-1

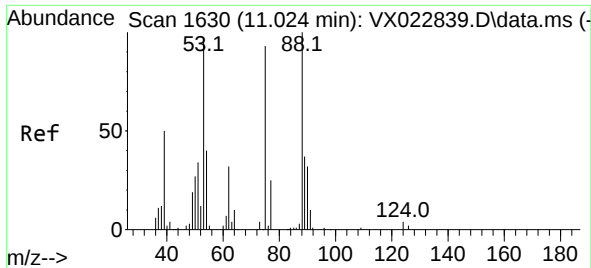
Tgt Ion:152 Resp: 39004
Ion Ratio Lower Upper
152 100
115 69.1 41.1 123.3
150 157.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.731 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 75 Resp: 28570
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

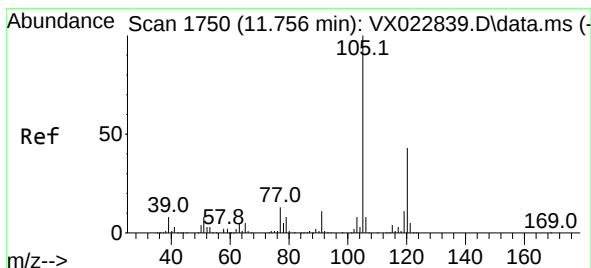
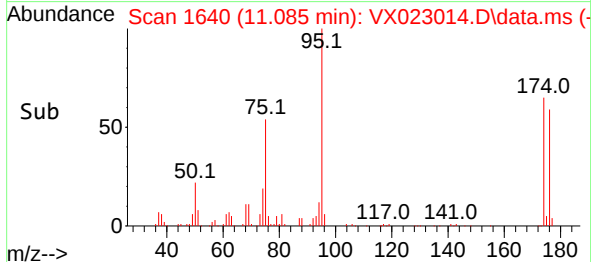
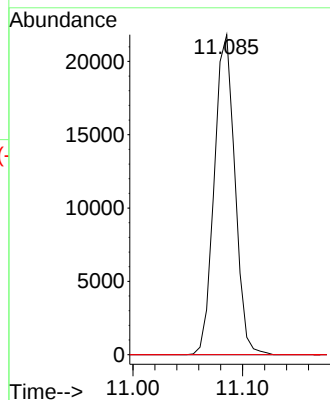
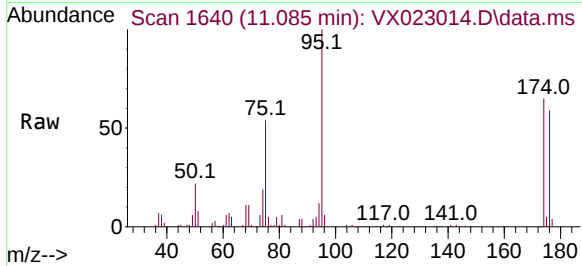




#81
trans-1,4-Dichloro-2-butene
Concen: 71.660 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

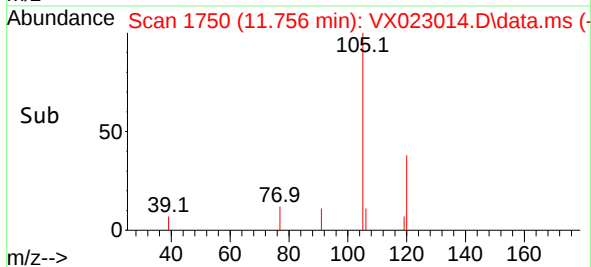
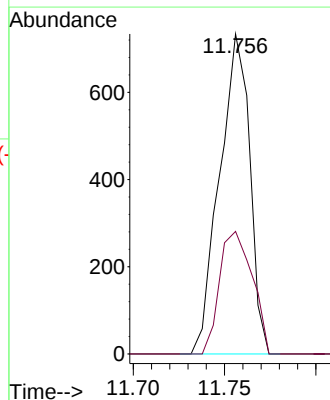
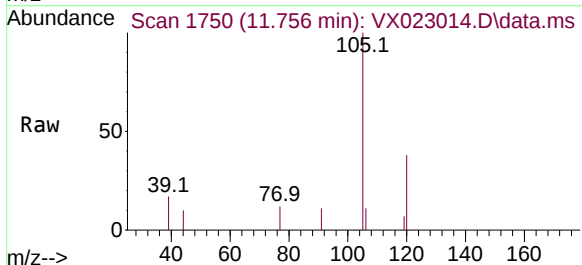
Instrument :
MSVOA_X
ClientSampled :
TW-1

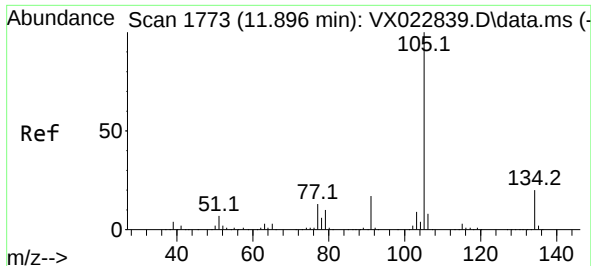
Tgt Ion: 75 Resp: 28570
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.308 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023014.D
Acq: 29 Jun 2021 19:27

Tgt Ion: 105 Resp: 841
Ion Ratio Lower Upper
105 100
120 41.7 22.4 67.3

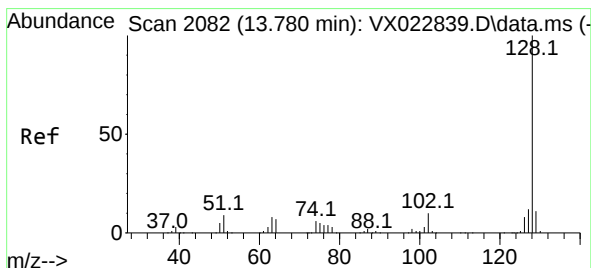
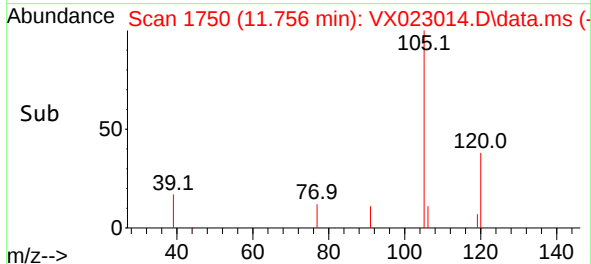
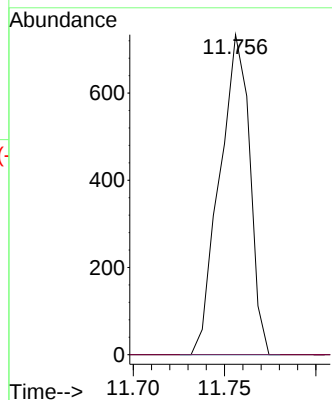
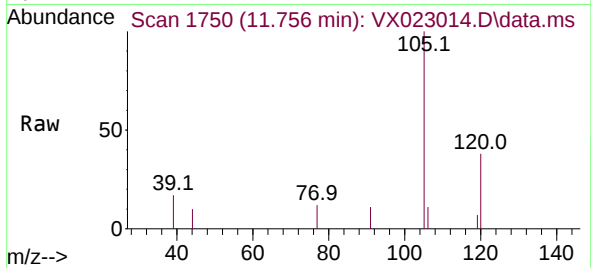




#85
 sec-Butylbenzene
 Concen: 0.244 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VX023014.D
 Acq: 29 Jun 2021 19:27

Instrument :
 MSVOA_X
 ClientSampled :
 TW-1

Tgt Ion:105 Resp: 841
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#95
 Naphthalene
 Concen: 2.214 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX023014.D
 Acq: 29 Jun 2021 19:27

Tgt Ion:128 Resp: 964
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 9.4 8.8 13.2

