

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024357.D
 Acq On : 20 Sep 2021 17:39
 Operator : JC/MD
 Sample : M3817-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-03-(1.0)RE

Quant Time: Sep 21 08:42:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

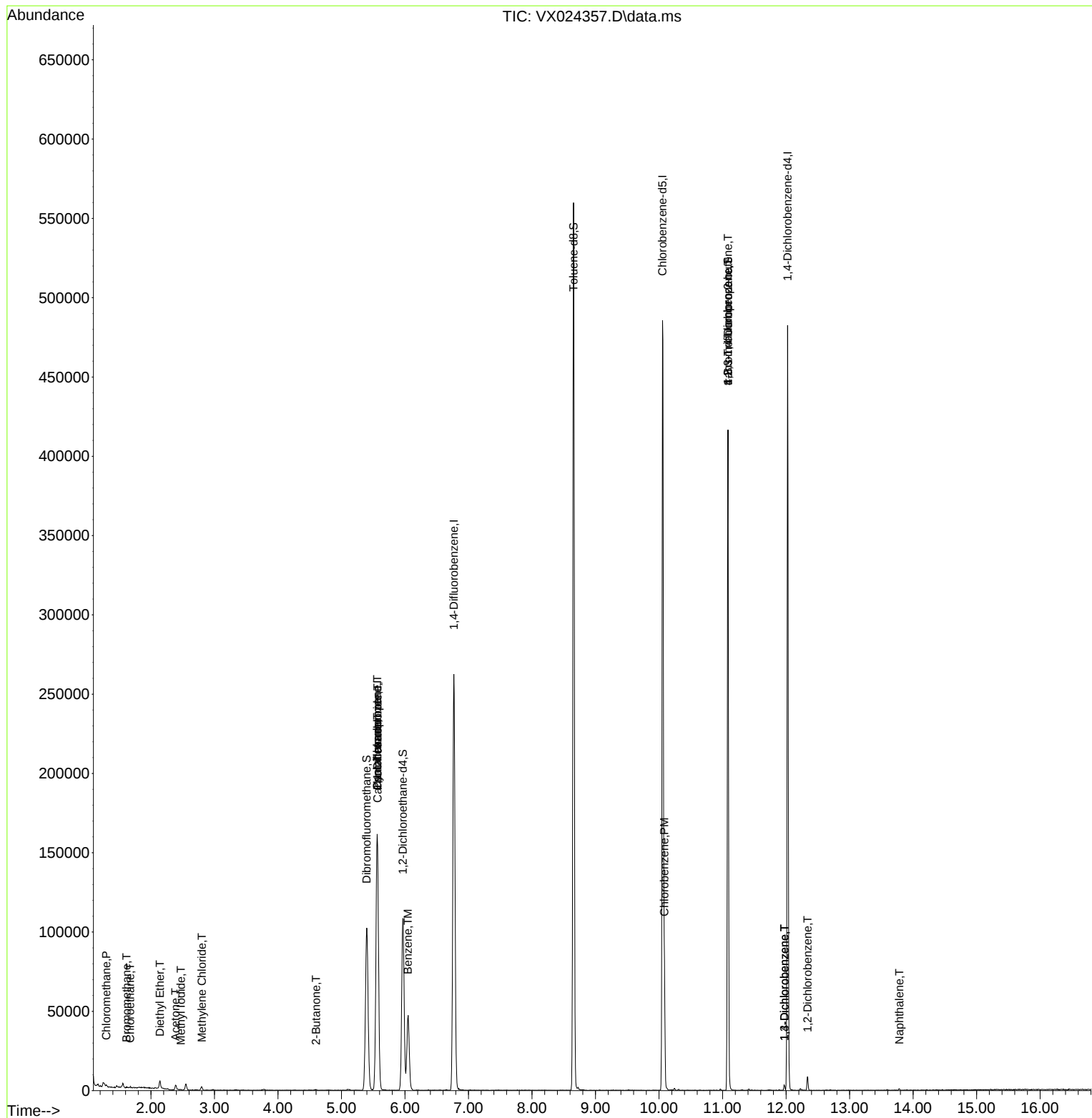
Internal Standards						
1) Pentafluorobenzene	5.562	168	151903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	265819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111438	51.447	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.900%		
35) Dibromofluoromethane	5.397	113	88672	49.740	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.480%		
50) Toluene-d8	8.653	98	328075	50.517	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.040%		
62) 4-Bromofluorobenzene	11.085	95	99401	39.330	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 78.660%#		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	370	0.243	ug/l	98
5) Bromomethane	1.617	94	358	0.396	ug/l #	74
6) Chloroethane	1.672	64	60	2.049	ug/l #	43
8) Diethyl Ether	2.142	74	1566	1.778	ug/l	72
10) Methyl Iodide	2.471	142	567	0.274	ug/l #	66
11) Tert butyl alcohol	2.977	59	444	Below Cal	#	73
16) Acetone	2.386	43	3387	3.667	ug/l #	83
20) Methylene Chloride	2.800	84	897	0.506	ug/l #	87
25) 2-Butanone	4.599	43	402	0.296	ug/l #	45
31) Cyclohexane	5.562	56	3201	1.263	ug/l #	10
36) 1,1-Dichloropropene	5.562	75	12254	5.014	ug/l #	49
38) Carbon Tetrachloride	5.568	117	16021	5.824	ug/l #	17
40) Benzene	6.044	78	54637	7.795	ug/l	99
65) Chlorobenzene	10.086	112	32178	7.219	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	55636	25.716	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55636	75.631	ug/l #	12
87) 1,3-Dichlorobenzene	11.975	146	1262	0.400	ug/l	96
88) 1,4-Dichlorobenzene	11.975	146	1262	0.392	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	3033	0.980	ug/l	92
95) Naphthalene	13.786	128	843	1.409	ug/l #	92

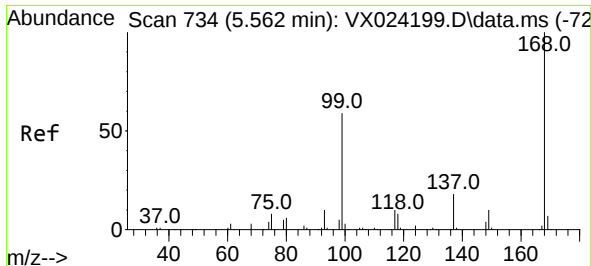
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

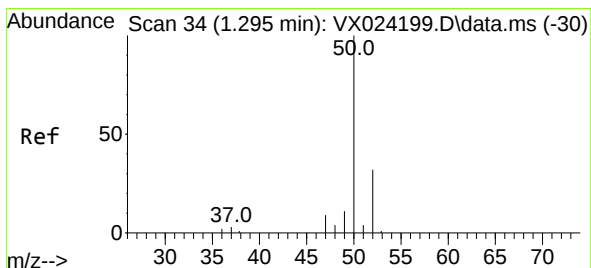
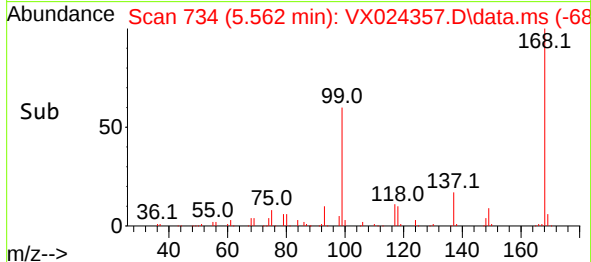
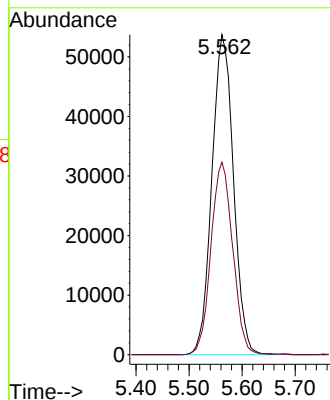
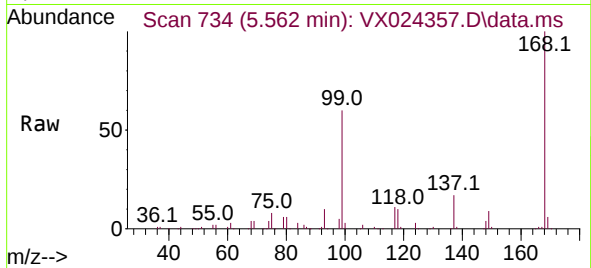




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

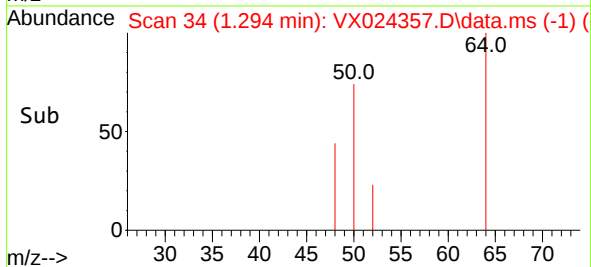
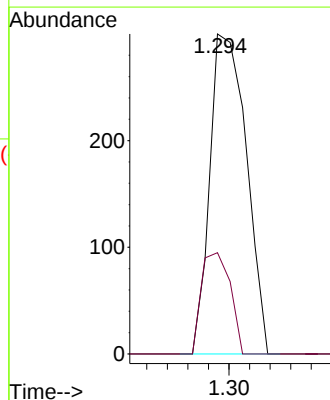
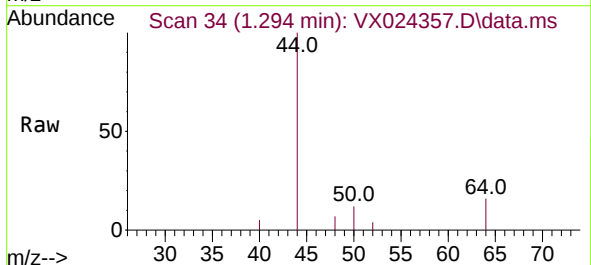
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

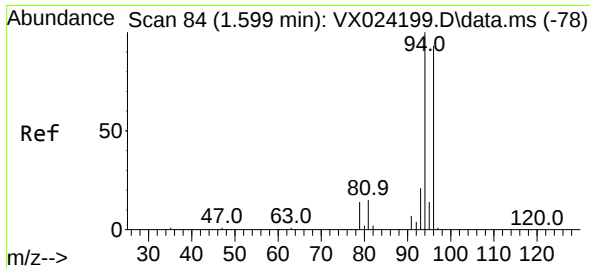
Tgt Ion:168 Resp: 151903
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 50 Resp: 370
Ion Ratio Lower Upper
50 100
52 31.7 26.4 39.6

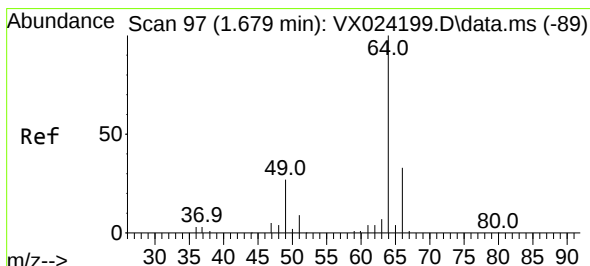
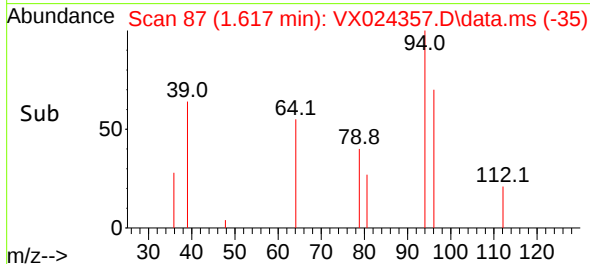
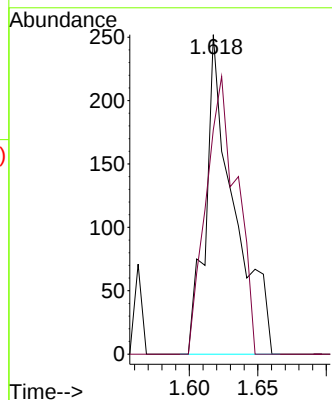
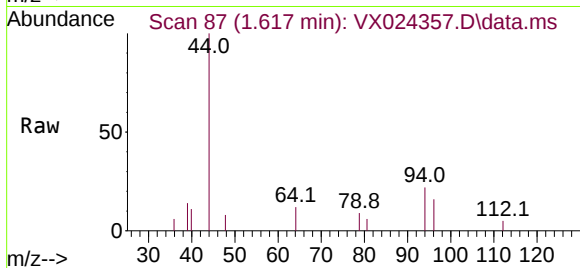




#5
Bromomethane
Concen: 0.396 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

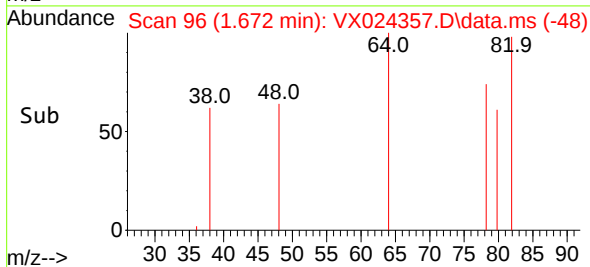
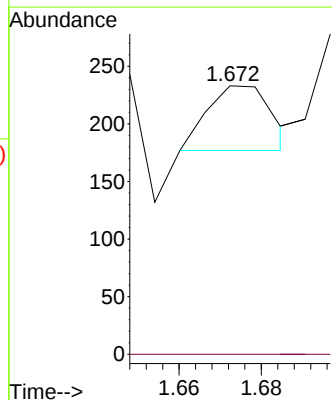
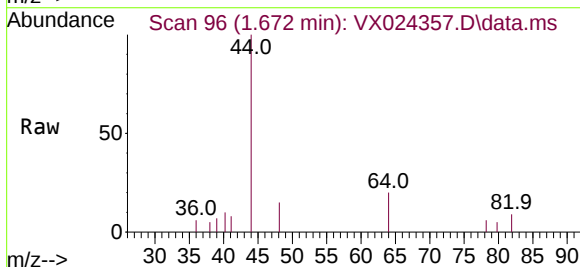
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

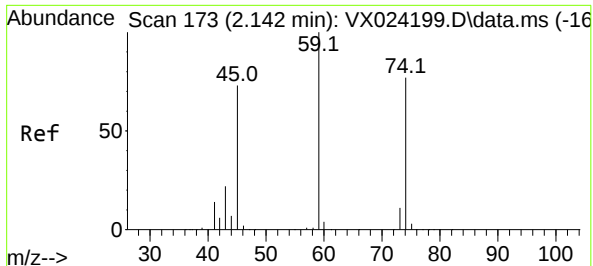
Tgt Ion: 94 Resp: 358
Ion Ratio Lower Upper
94 100
96 70.2 76.4 114.6#



#6
Chloroethane
Concen: 2.049 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

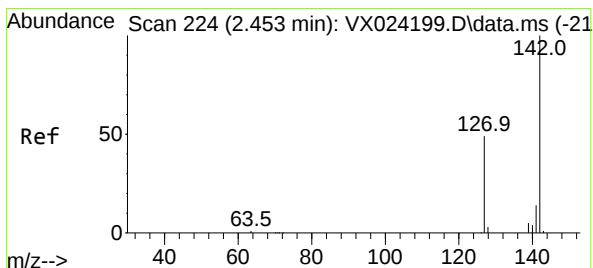
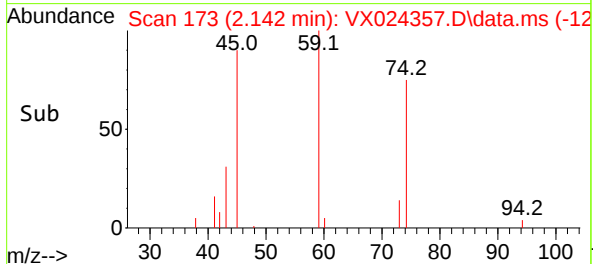
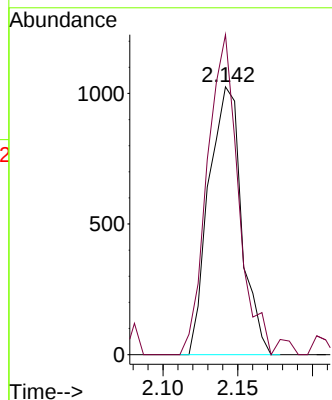
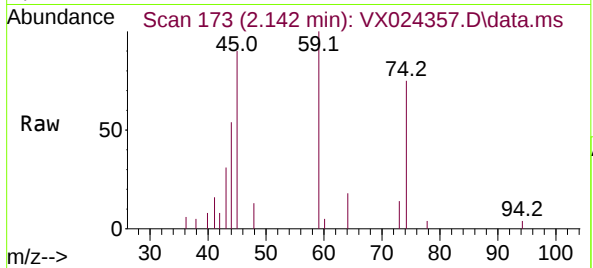




#8
Diethyl Ether
Concen: 1.778 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

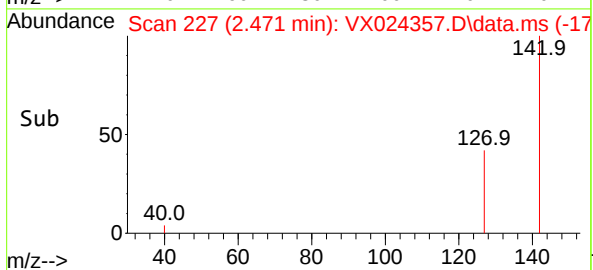
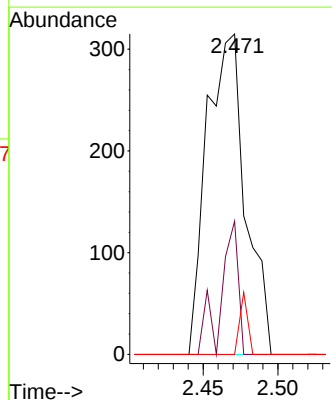
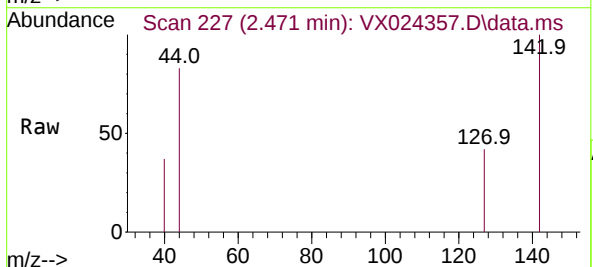
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

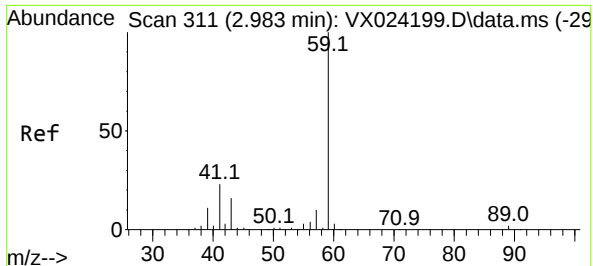
Tgt Ion: 74 Resp: 1566
Ion Ratio Lower Upper
74 100
45 115.5 44.5 133.5



#10
Methyl Iodide
Concen: 0.274 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 142 Resp: 567
Ion Ratio Lower Upper
142 100
127 18.7 33.3 49.9#
141 3.9 11.4 17.0#



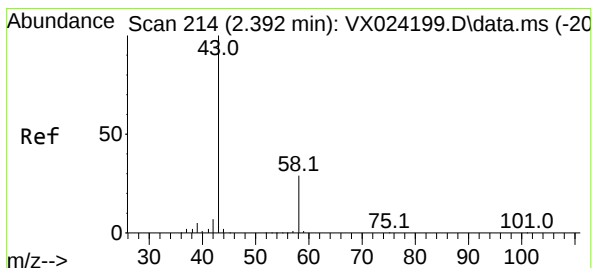
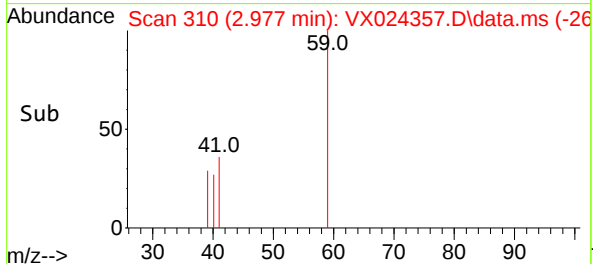
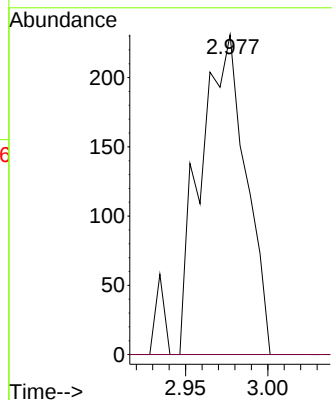
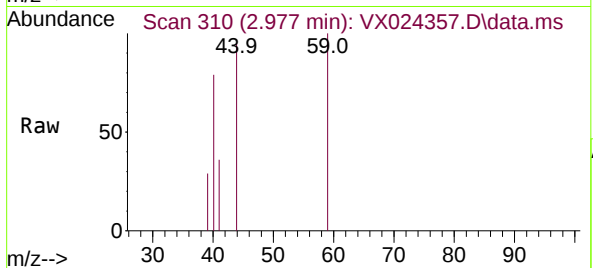


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

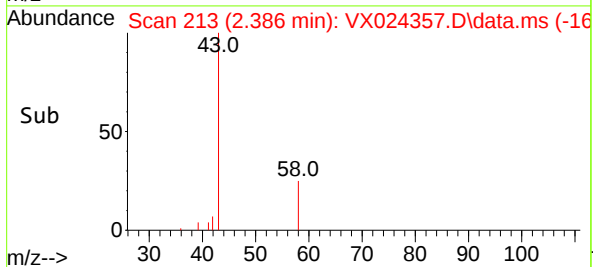
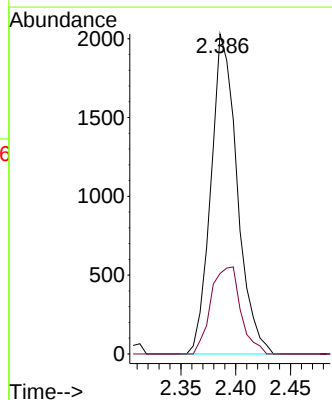
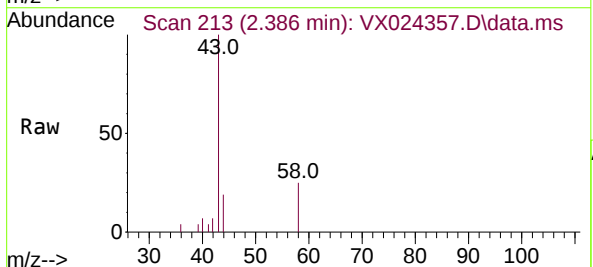
Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

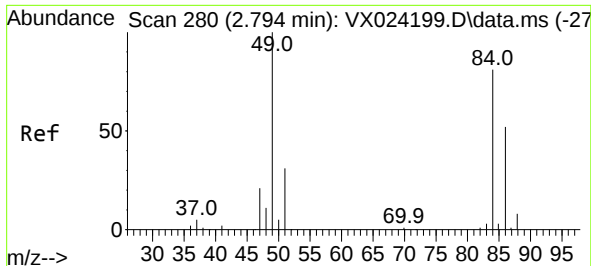


#16

Acetone
Concen: 3.667 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 43 Resp: 3387
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.506 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024357.D

Acq: 20 Sep 2021 17:39

Instrument :

MSVOA_X

ClientSampleId :

SW-CB-03-(1.0)RE

Tgt Ion: 84 Resp: 897

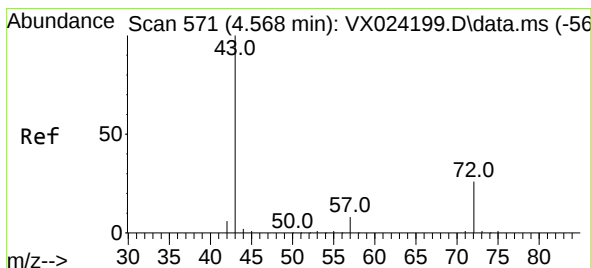
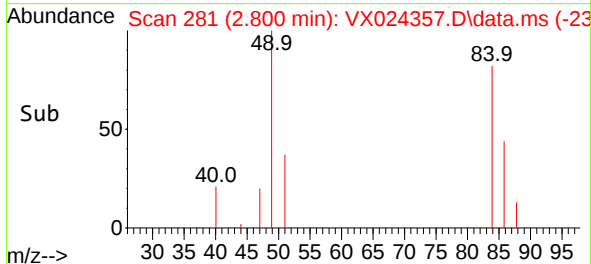
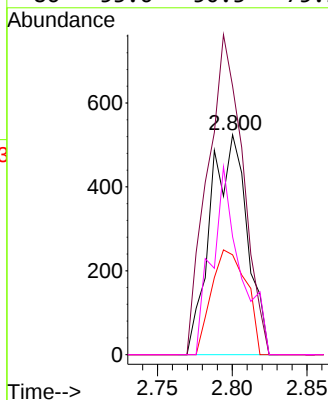
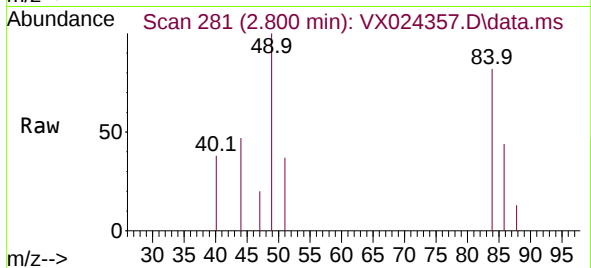
Ion Ratio Lower Upper

84 100

49 122.1 88.6 132.8

51 45.4 27.0 40.6#

86 53.6 50.3 75.5



#25

2-Butanone

Concen: 0.296 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX024357.D

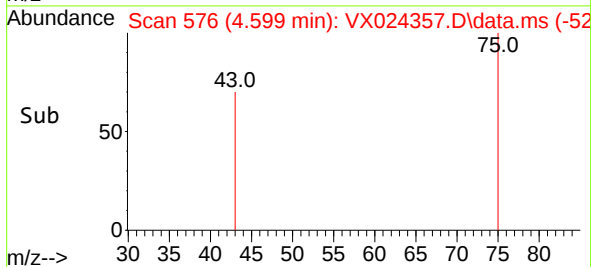
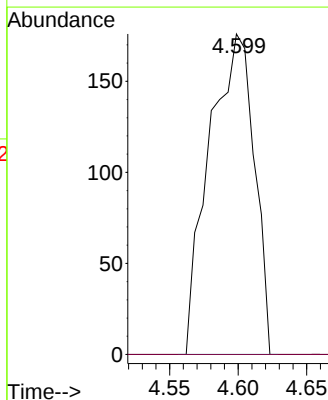
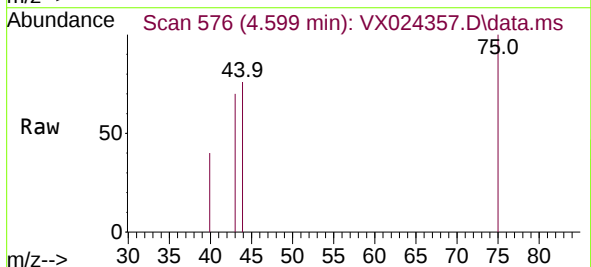
Acq: 20 Sep 2021 17:39

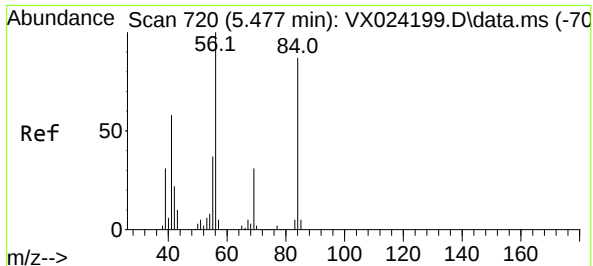
Tgt Ion: 43 Resp: 402

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

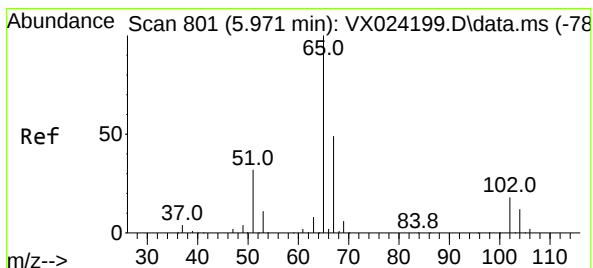
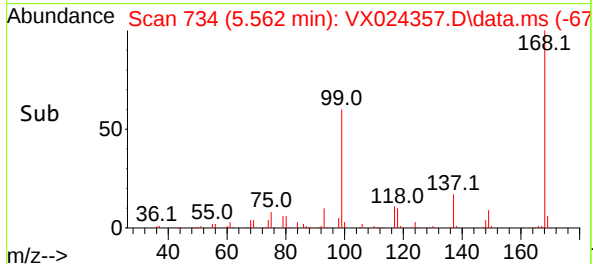
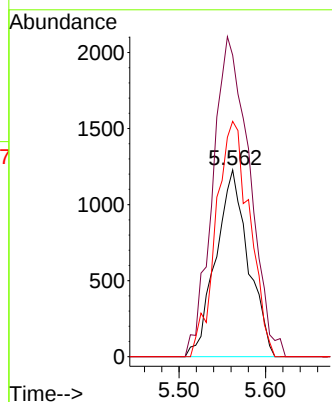
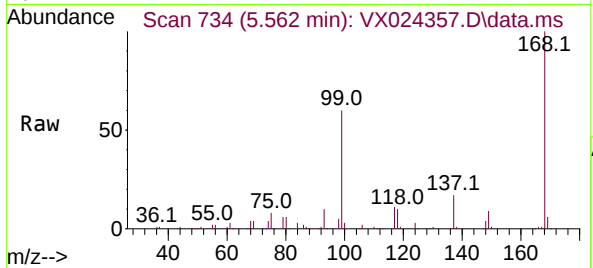




#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

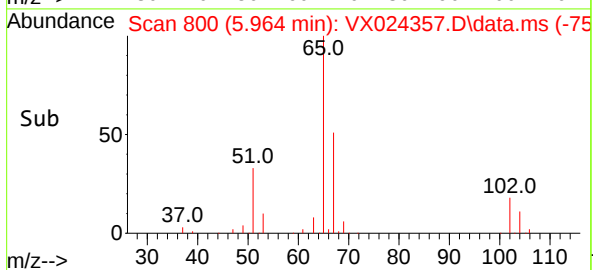
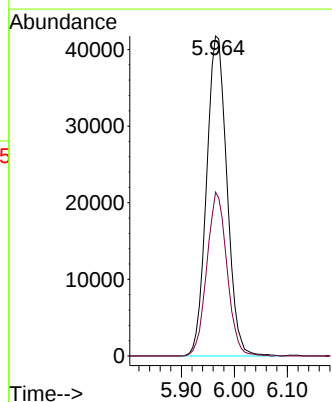
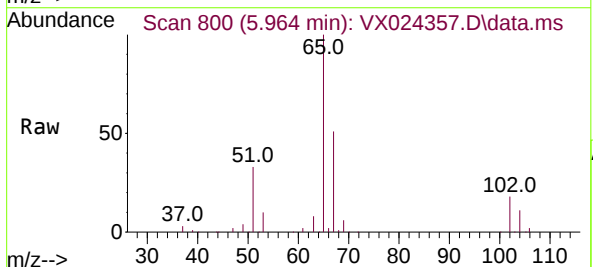
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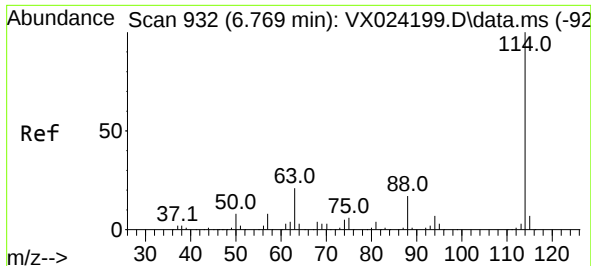
Tgt Ion: 56 Resp: 3201
Ion Ratio Lower Upper
56 100
69 161.4 25.3 37.9#
84 126.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.447 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 65 Resp: 111438
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

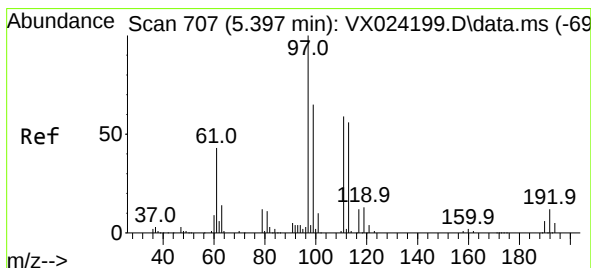
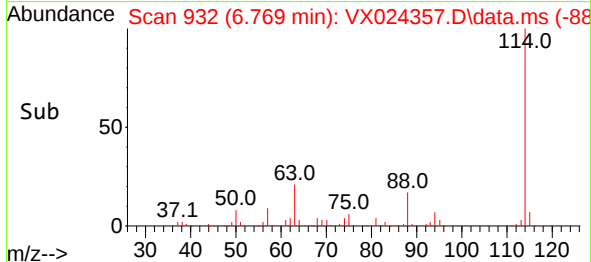
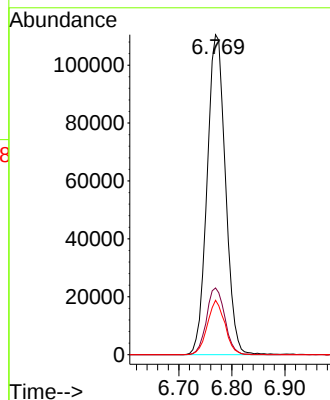
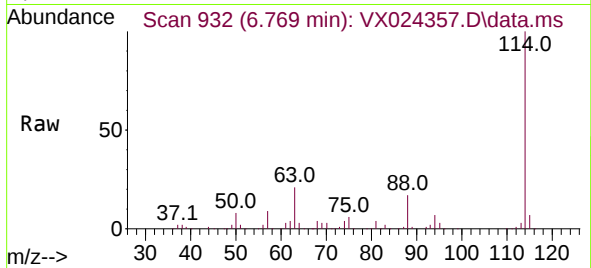




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

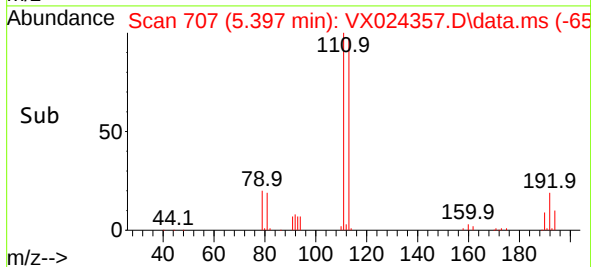
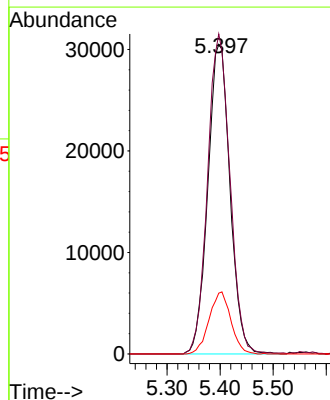
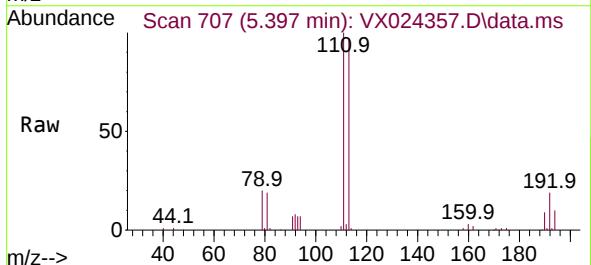
Instrument :
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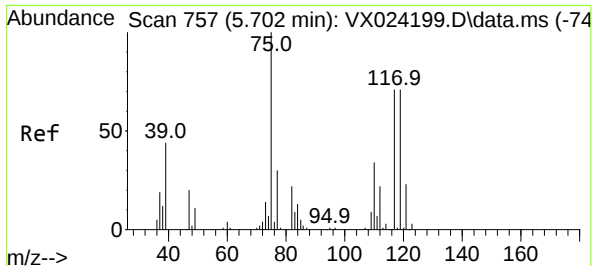
Tgt Ion:114 Resp: 265819
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.740 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion:113 Resp: 88672
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 19.6 16.7 25.1

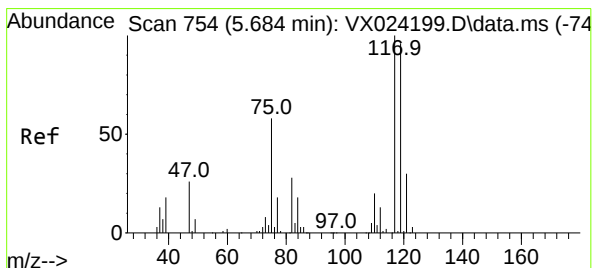
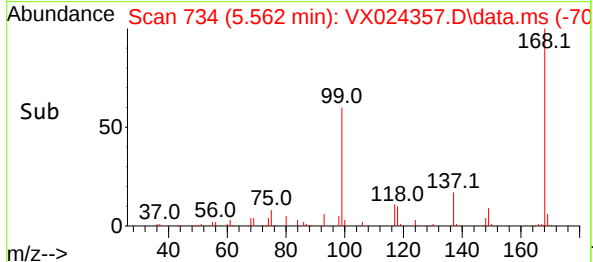
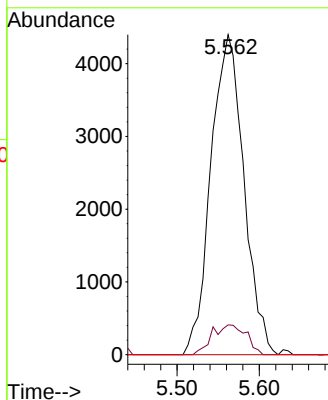
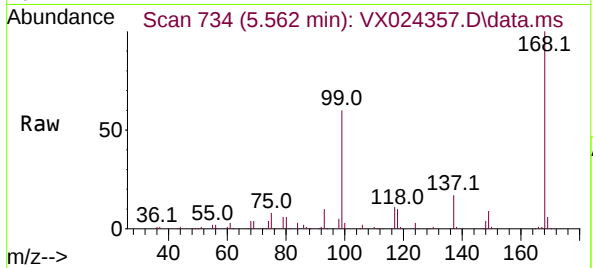




#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

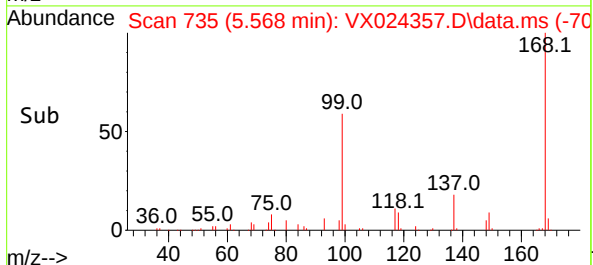
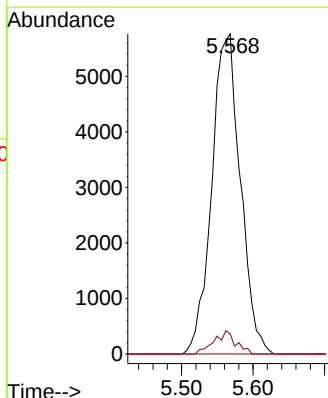
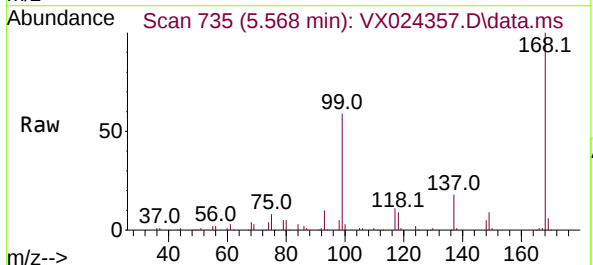
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

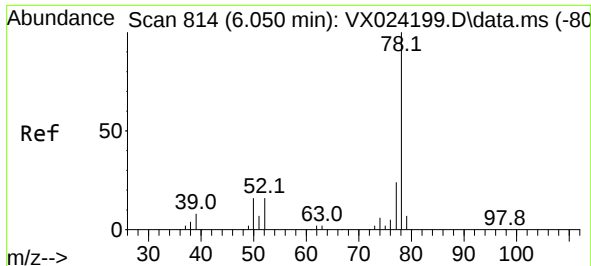
Tgt Ion: 75 Resp: 12254
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 117 Resp: 16021
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

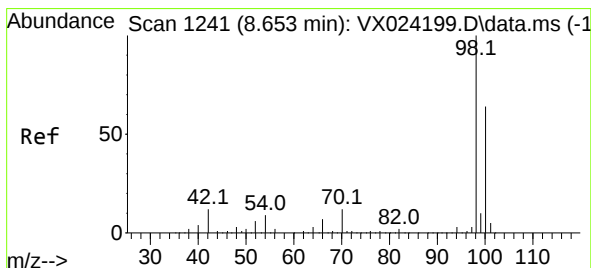
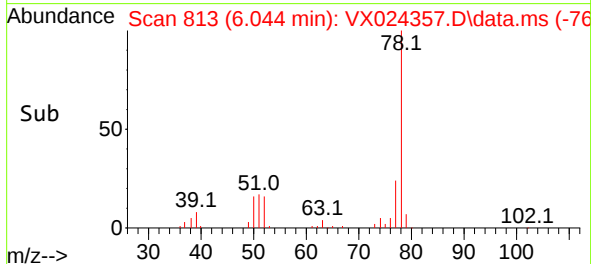
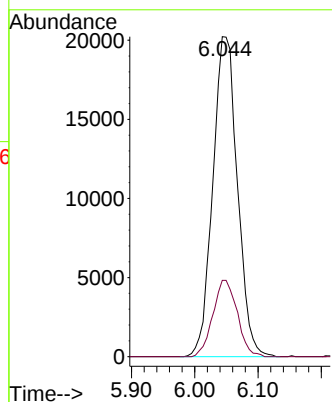
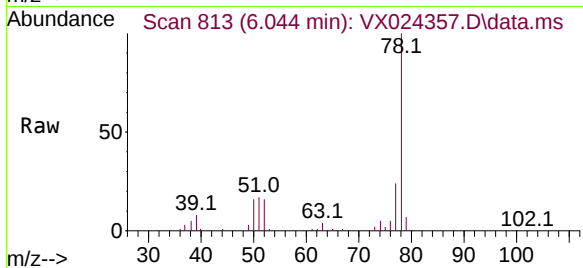




#40
Benzene
Concen: 7.795 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

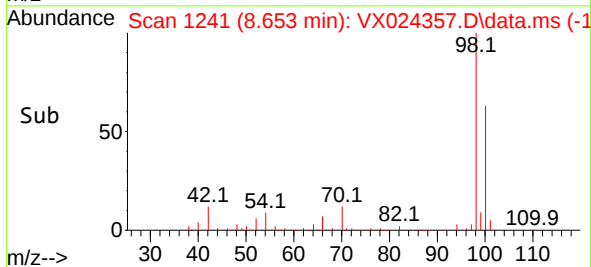
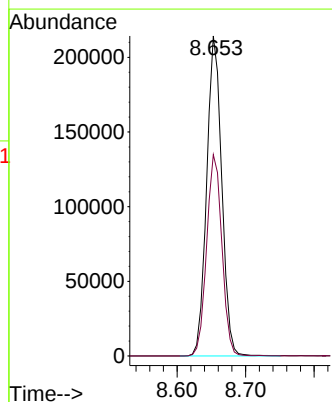
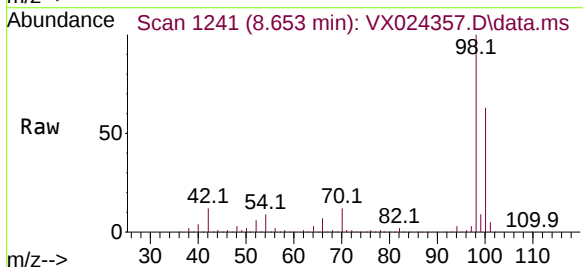
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

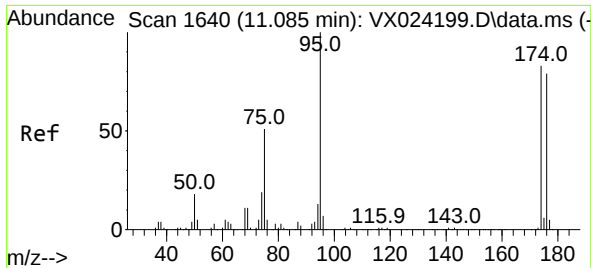
Tgt Ion: 78 Resp: 54637
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



#50
Toluene-d8
Concen: 50.517 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 98 Resp: 328075
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

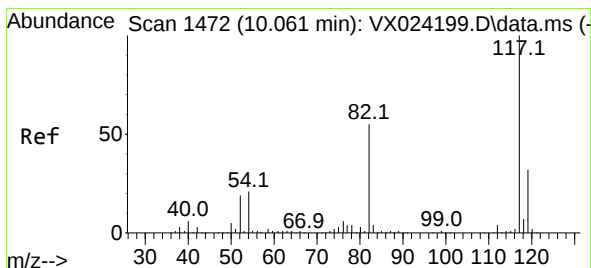
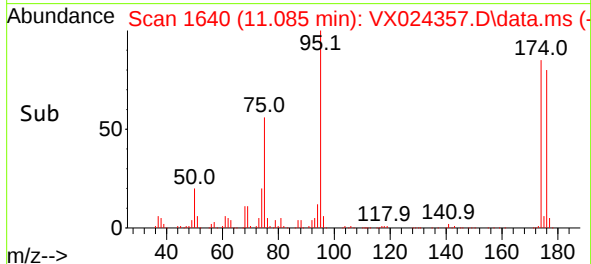
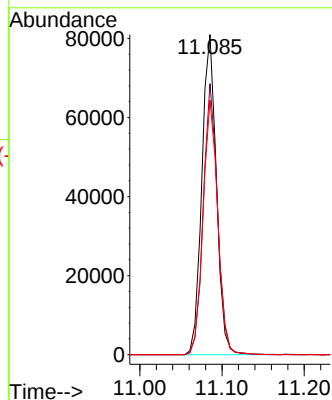
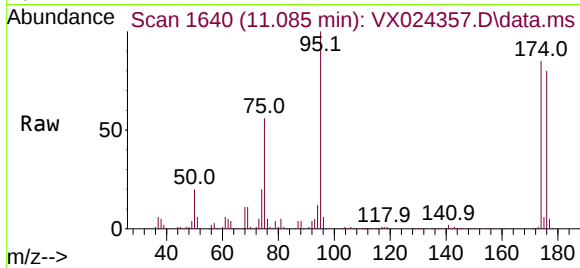




#62
4-Bromofluorobenzene
Concen: 39.330 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

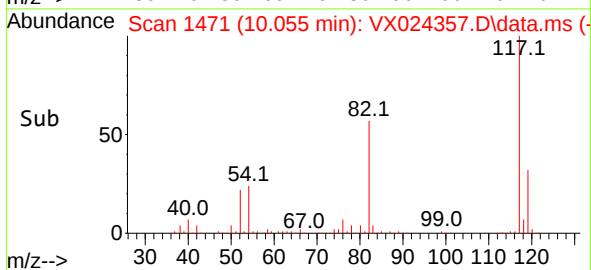
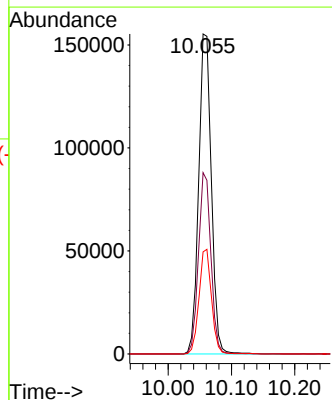
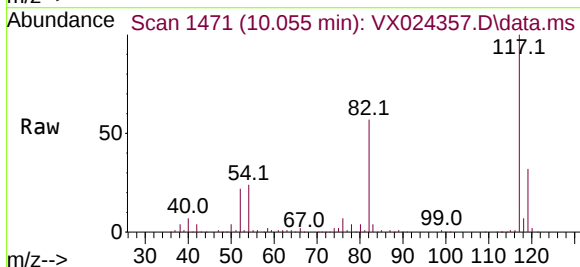
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

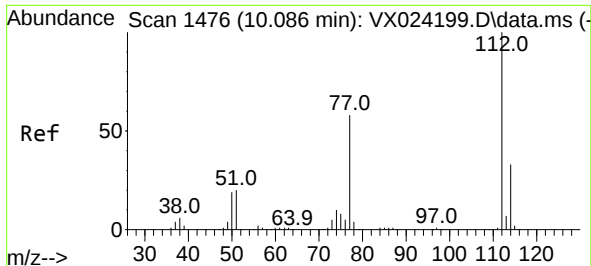
Tgt Ion: 95 Resp: 99401
Ion Ratio Lower Upper
95 100
174 83.4 0.0 154.6
176 80.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 117 Resp: 216666
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.9 26.6 39.8

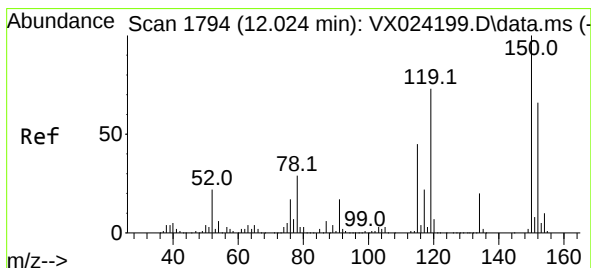
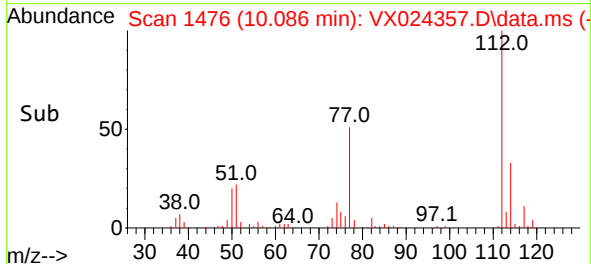
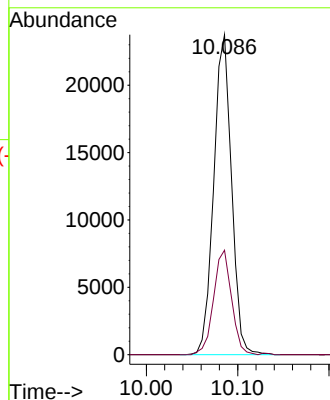
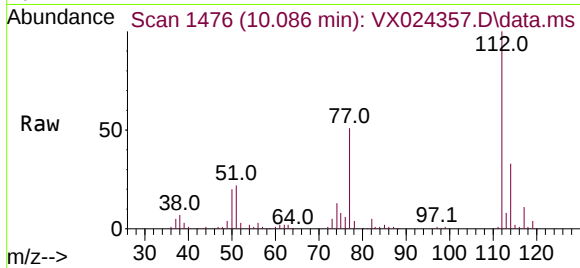




#65
Chlorobenzene
Concen: 7.219 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

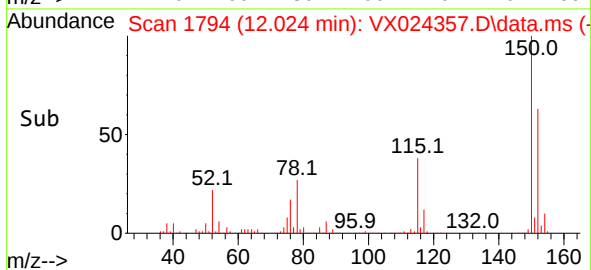
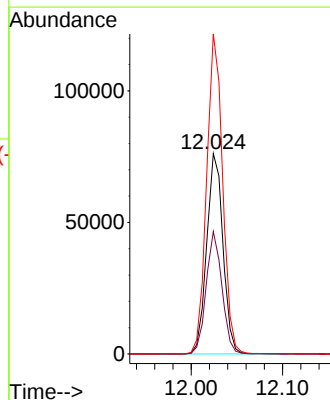
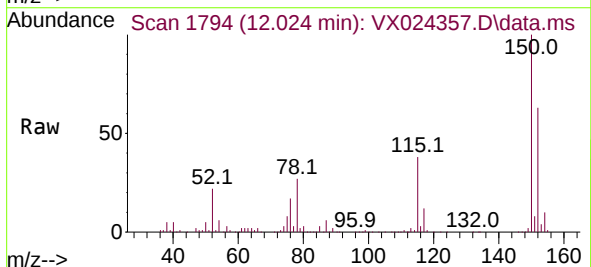
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

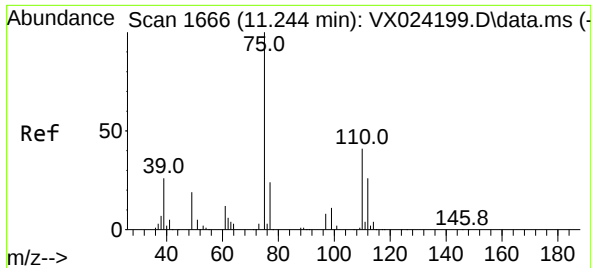
Tgt Ion:112 Resp: 32178
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion:152 Resp: 94088
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 157.0 0.0 349.0

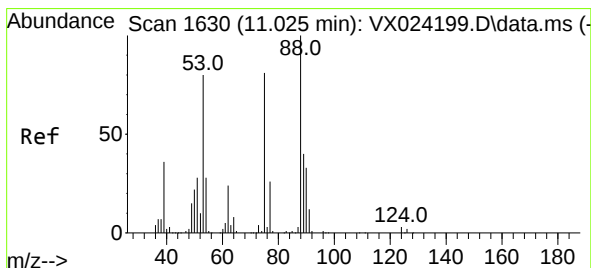
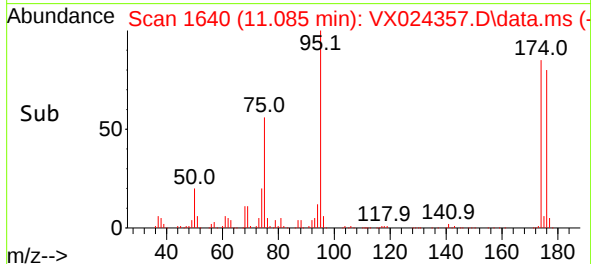
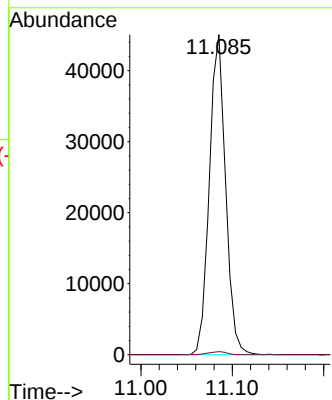
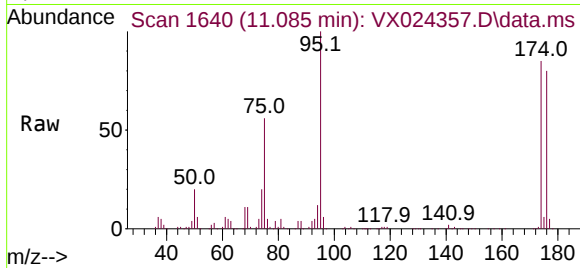




#76
1,2,3-Trichloropropane
Concen: 25.716 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

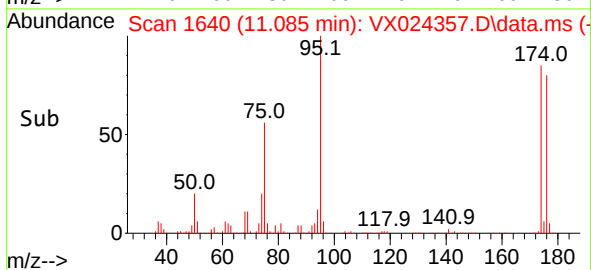
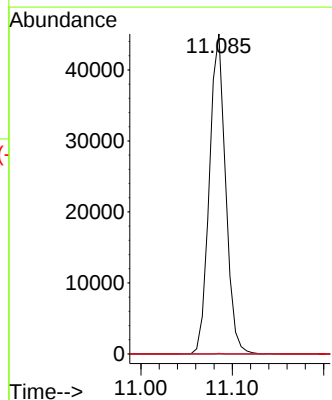
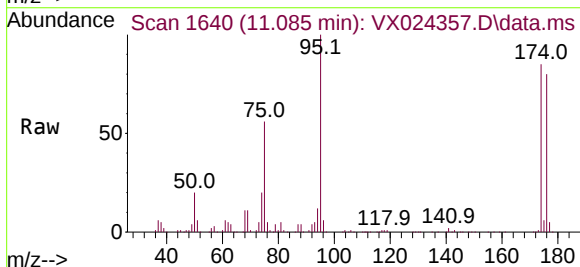
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

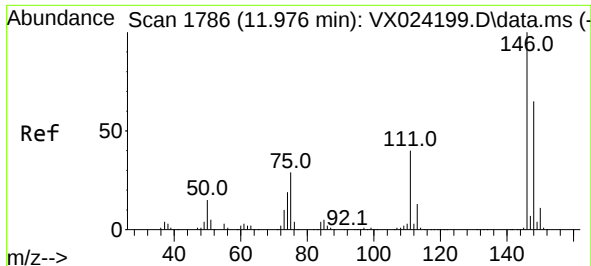
Tgt Ion: 75 Resp: 55636
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.631 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion: 75 Resp: 55636
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

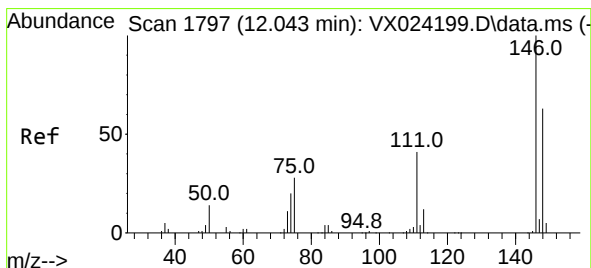
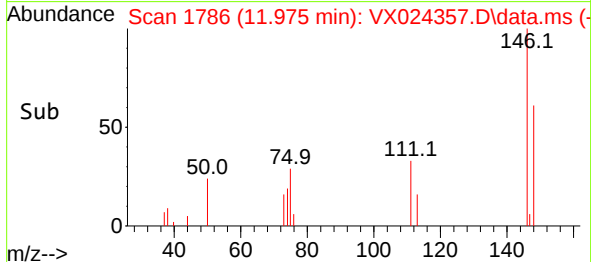
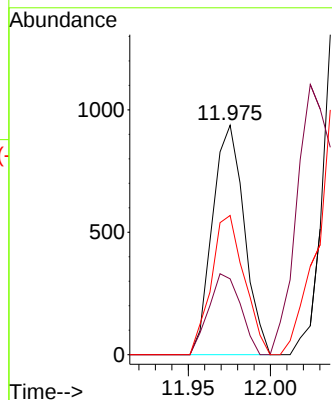
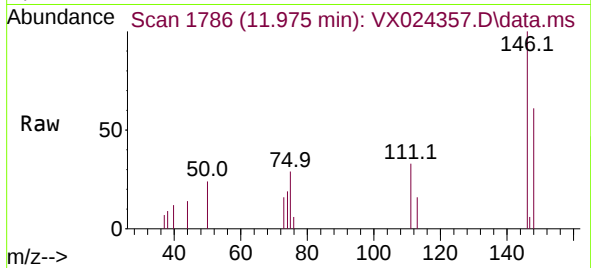




#87
1,3-Dichlorobenzene
Concen: 0.400 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.001 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

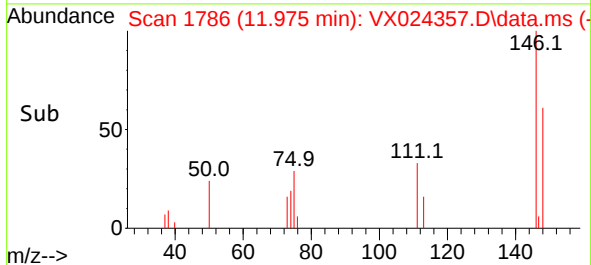
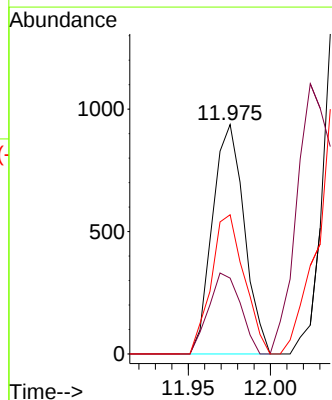
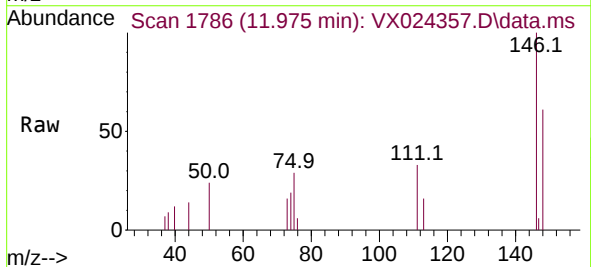
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

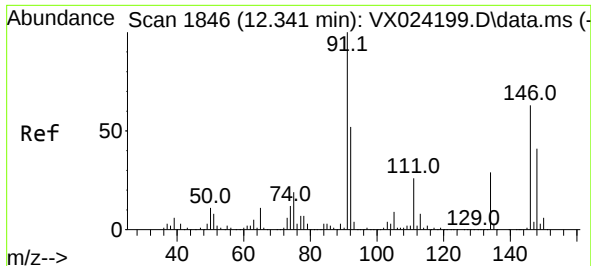
Tgt Ion:146 Resp: 1262
Ion Ratio Lower Upper
146 100
111 35.3 20.2 60.5
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.392 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.068 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion:146 Resp: 1262
Ion Ratio Lower Upper
146 100
111 35.3 19.6 58.8
148 63.2 31.6 95.0

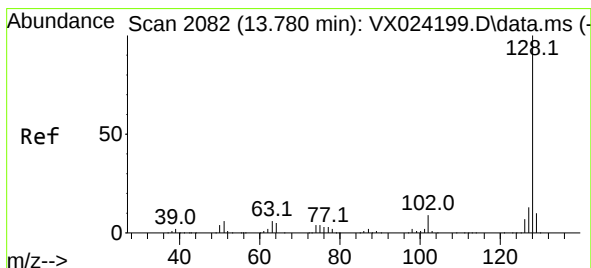
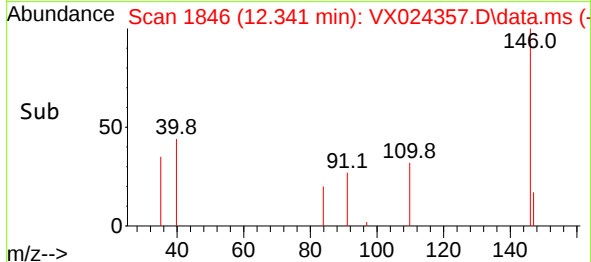
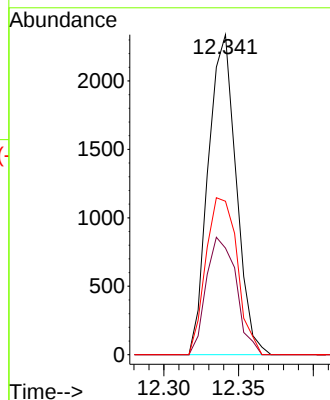
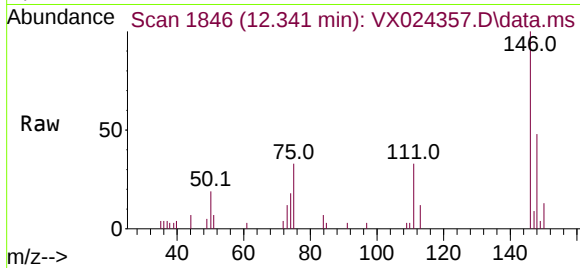




#91
1,2-Dichlorobenzene
Concen: 0.980 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)RE

Tgt Ion:	146	Resp:	3033
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.2
148	55.4	31.9	95.5



#95
Naphthalene
Concen: 1.409 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024357.D
Acq: 20 Sep 2021 17:39

Tgt Ion:	128	Resp:	843
Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.3	15.5#
129	9.7	8.8	13.2

