

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024447.D
 Acq On : 22 Sep 2021 20:13
 Operator : JC/MD
 Sample : M3833-17DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20210920DL

Quant Time: Sep 23 06:42:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

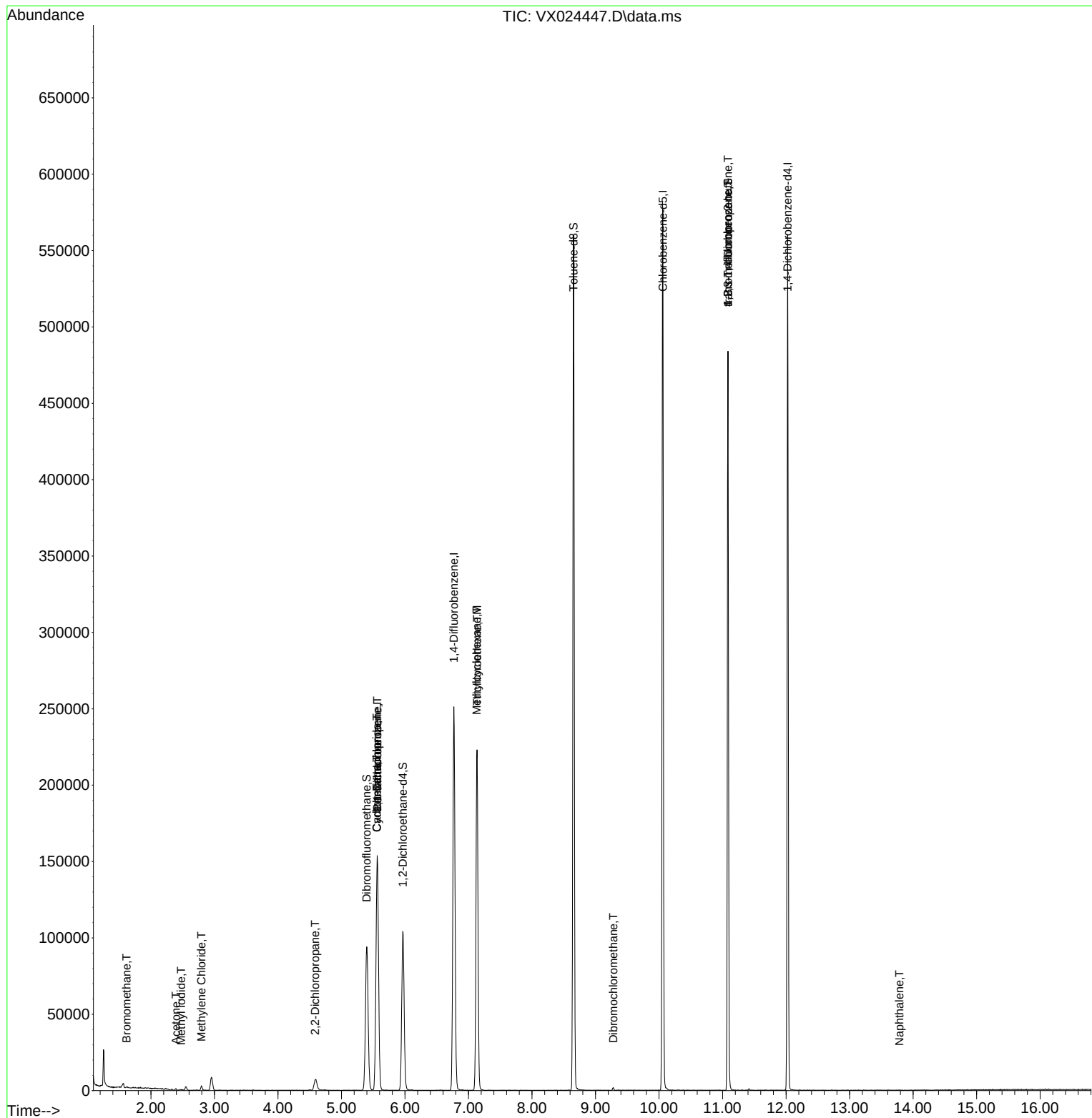
Internal Standards						
1) Pentafluorobenzene	5.562	168	141490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	272869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104979	52.032	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.060%			
35) Dibromofluoromethane	5.397	113	81412	49.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	8.653	98	317663	53.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.260%			
62) 4-Bromofluorobenzene	11.085	95	127675	54.872	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	378	0.449	ug/l	93
10) Methyl Iodide	2.477	142	538	0.279	ug/l #	65
11) Tert butyl alcohol	2.953	59	5247	Below Cal	#	73
16) Acetone	2.392	43	945	1.098	ug/l	88
20) Methylene Chloride	2.794	84	1187	0.719	ug/l	94
26) 2,2-Dichloropropane	4.586	77	647	0.270	ug/l #	52
31) Cyclohexane	5.556	56	3349	1.419	ug/l #	25
36) 1,1-Dichloropropene	5.562	75	11393	5.064	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14823	5.853	ug/l #	16
39) Methylcyclohexane	7.129	83	1097	0.408	ug/l #	1
44) Trichloroethene	7.135	130	85541	47.178	ug/l	99
60) Dibromochloromethane	9.281	129	428	1.928	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	65582	24.643	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	65582	72.474	ug/l #	12
95) Naphthalene	13.786	128	143	1.304	ug/l #	69

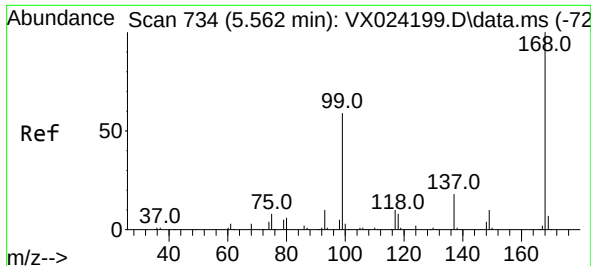
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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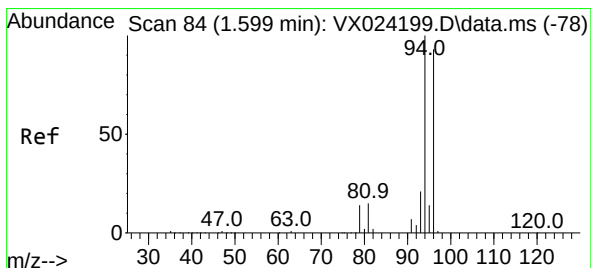
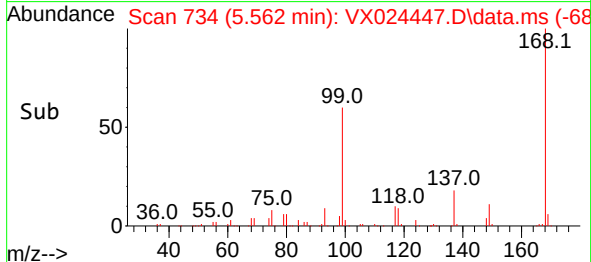
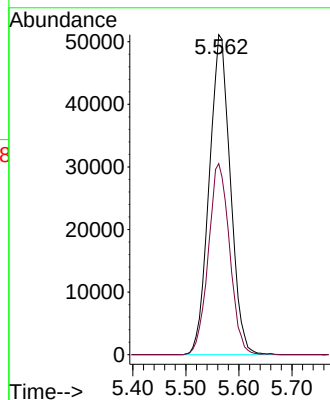
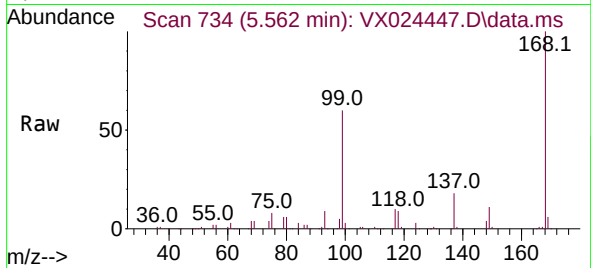




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

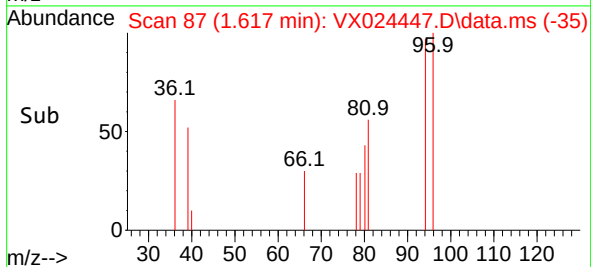
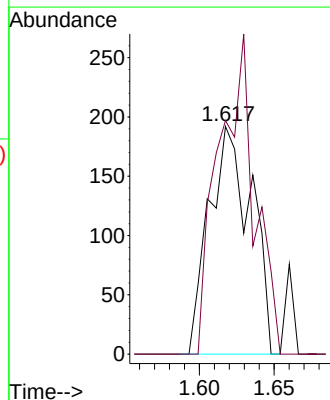
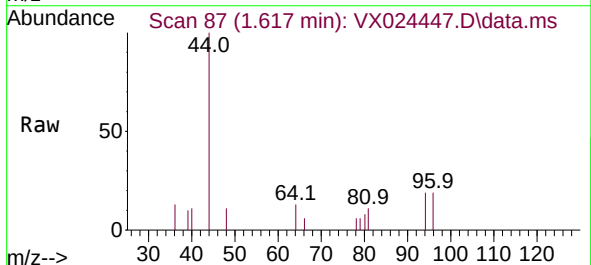
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL

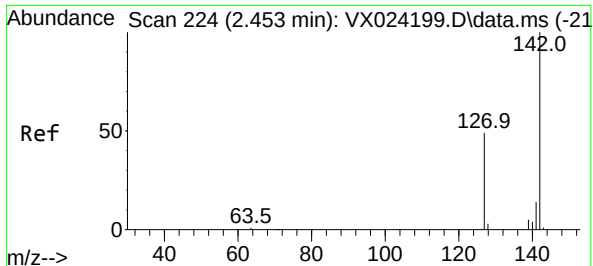
Tgt Ion:168 Resp: 141490
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#5
Bromomethane
Concen: 0.449 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

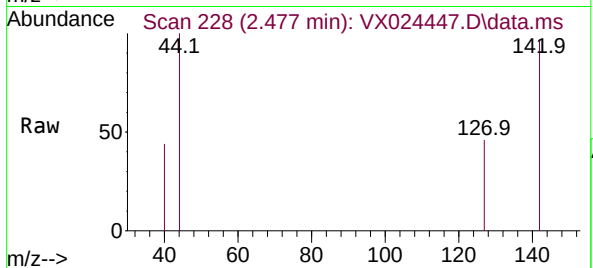
Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 102.6 76.4 114.6



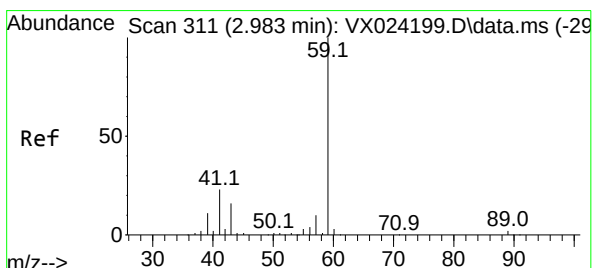
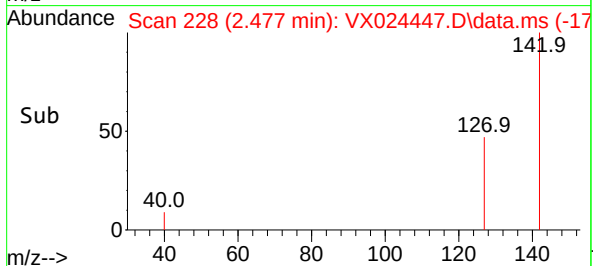
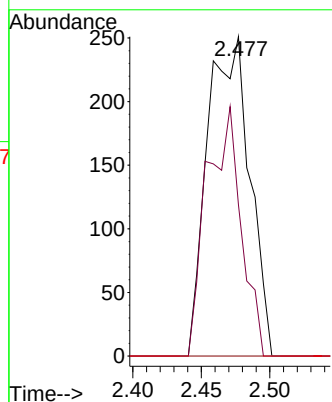


#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL

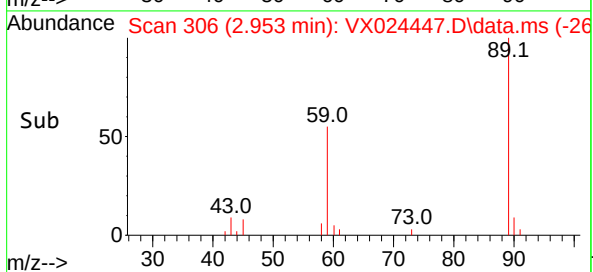
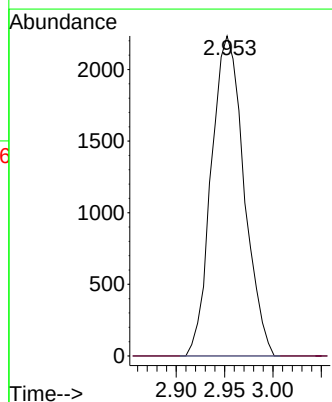
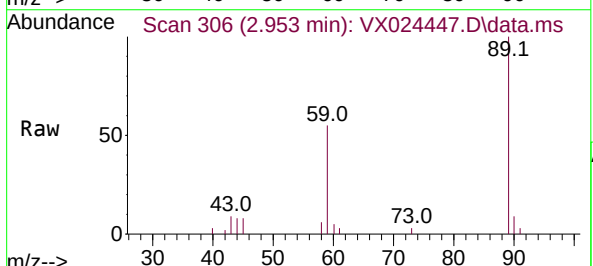


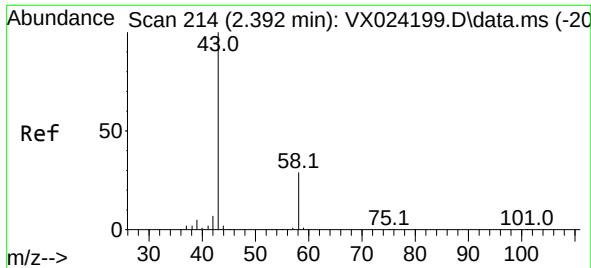
Tgt Ion:142 Resp: 538
Ion Ratio Lower Upper
142 100
127 63.6 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

Tgt Ion: 59 Resp: 5247
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

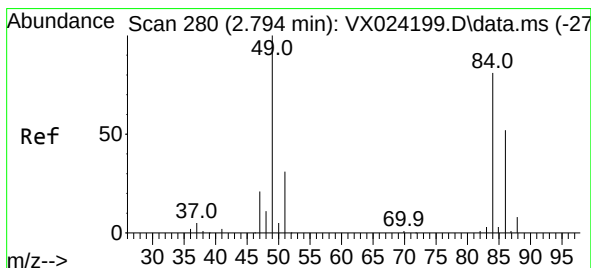
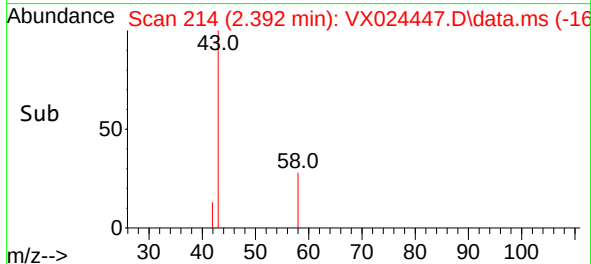
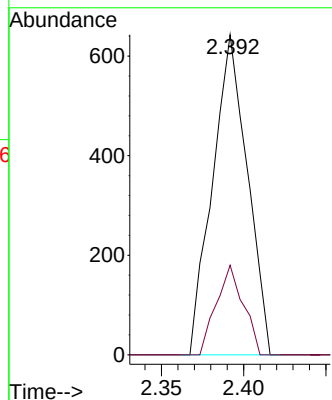
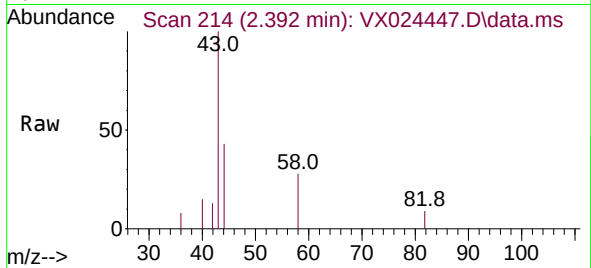




#16
Acetone
Concen: 1.098 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

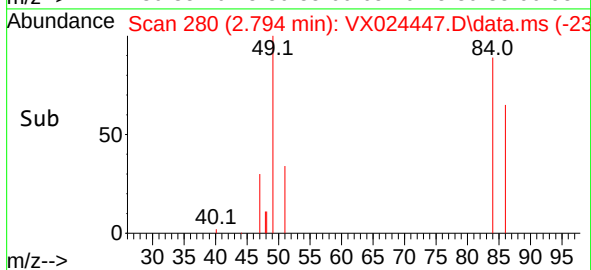
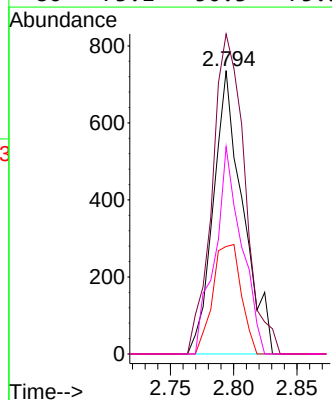
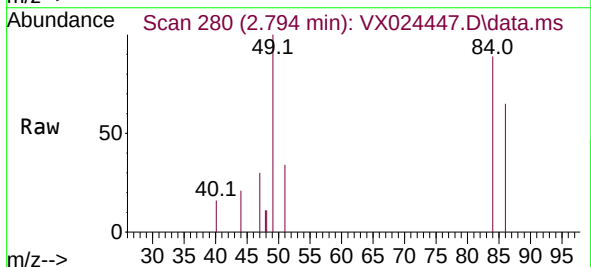
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL

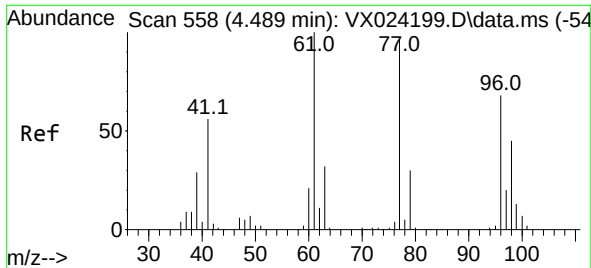
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.719 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

Tgt Ion: 84 Resp: 1187
Ion Ratio Lower Upper
84 100
49 112.9 88.6 132.8
51 37.9 27.0 40.6
86 73.1 50.3 75.5

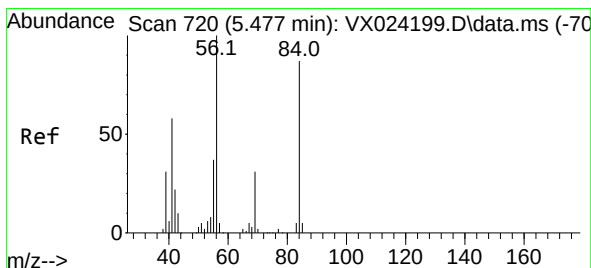
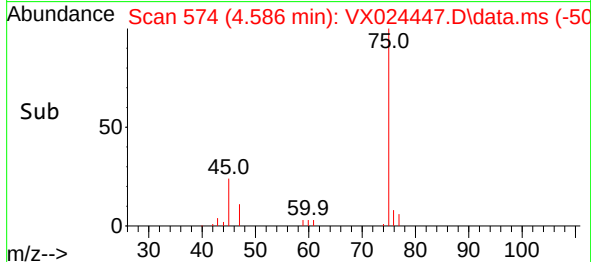
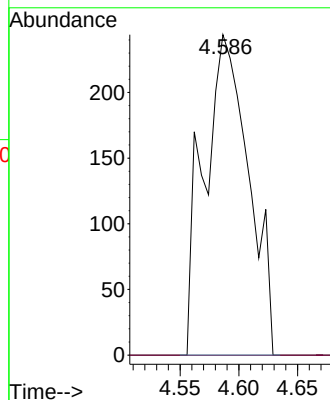
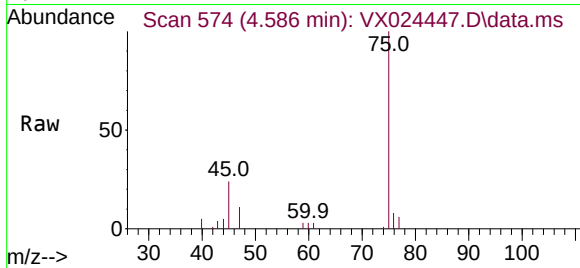




#26
2,2-Dichloropropane
Concen: 0.270 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.097 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

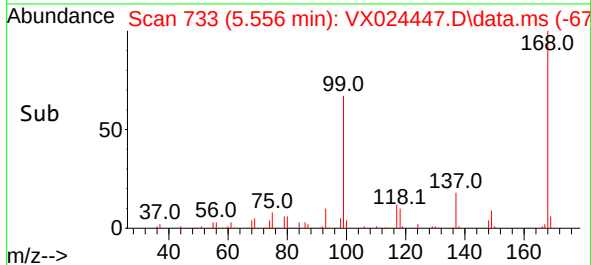
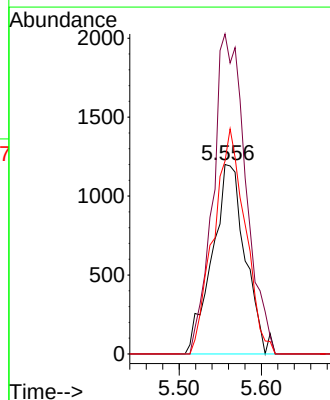
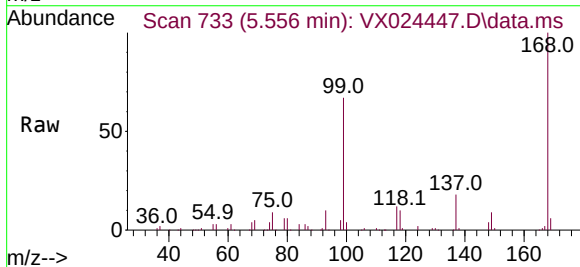
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL

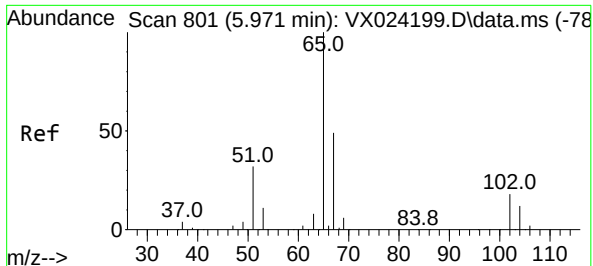
Tgt Ion: 77 Resp: 647
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

Tgt Ion: 56 Resp: 3349
Ion Ratio Lower Upper
56 100
69 168.9 25.3 37.9#
84 101.8 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.032 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024447.D

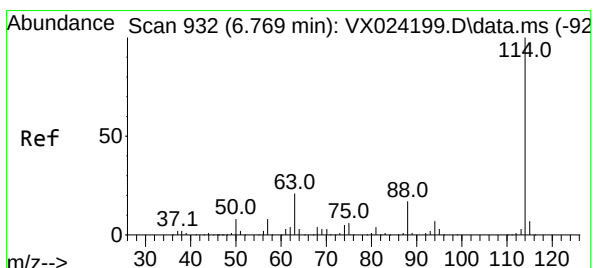
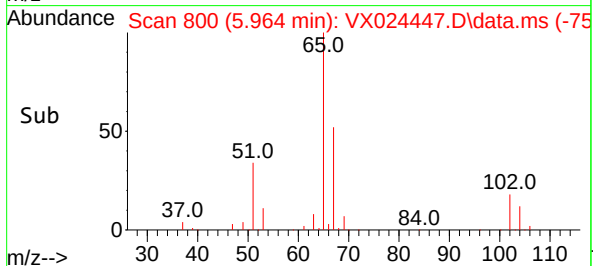
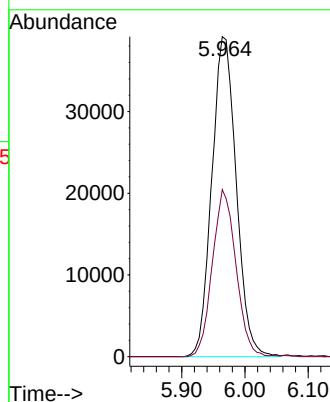
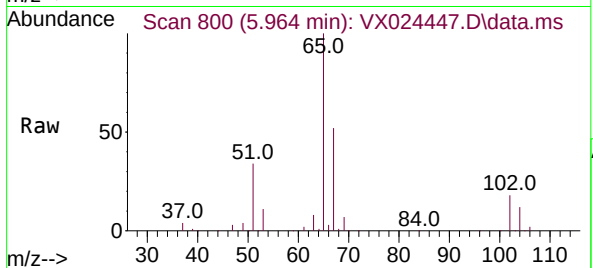
Acq: 22 Sep 2021 20:13

Tgt Ion: 65 Resp: 104979

Ion Ratio Lower Upper

65 100

67 50.4 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: VX024447.D

Acq: 22 Sep 2021 20:13

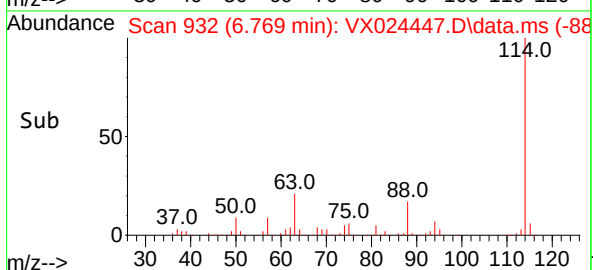
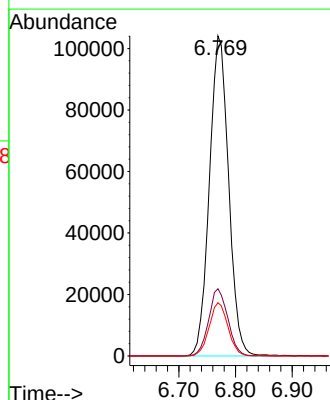
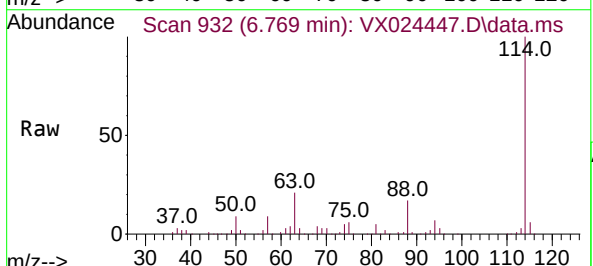
Tgt Ion: 114 Resp: 244722

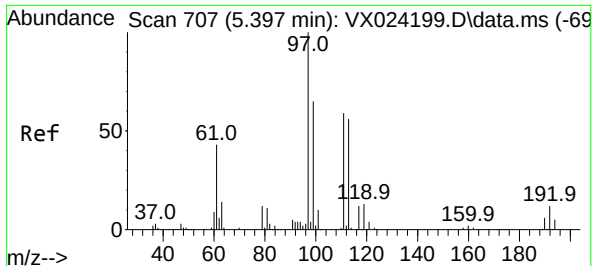
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.605 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024447.D

Acq: 22 Sep 2021 20:13

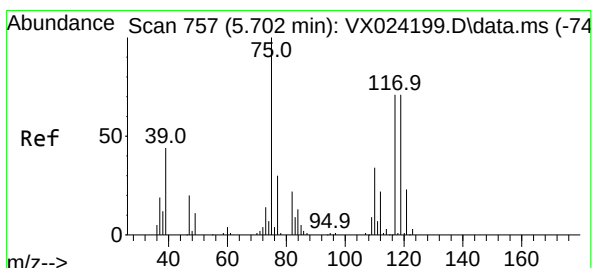
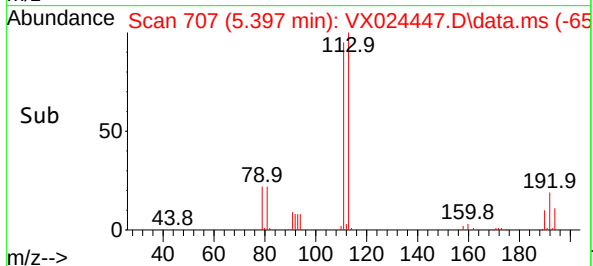
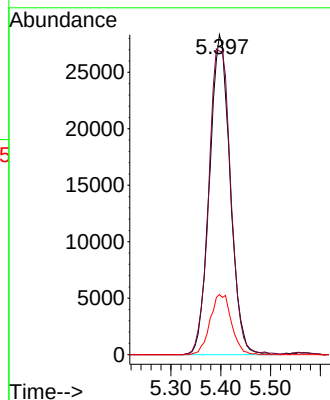
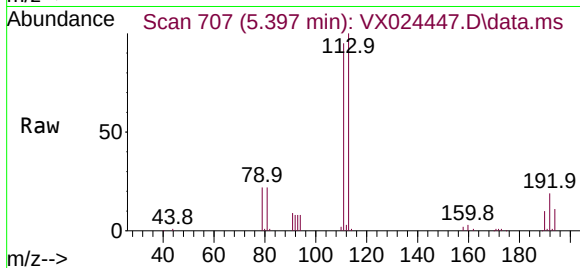
Tgt Ion:113 Resp: 81412

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024447.D

Acq: 22 Sep 2021 20:13

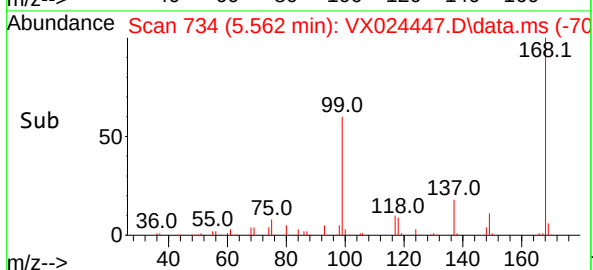
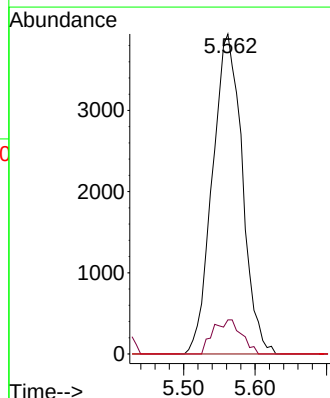
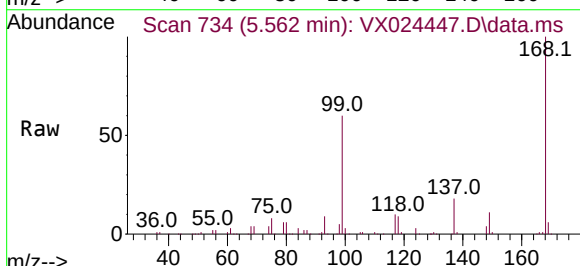
Tgt Ion: 75 Resp: 11393

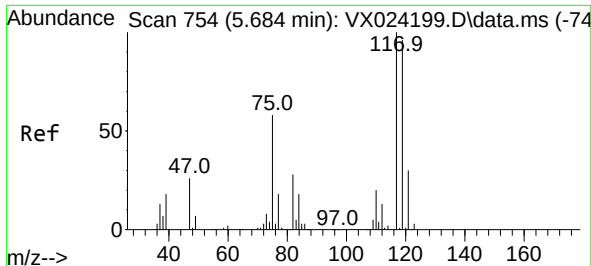
Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

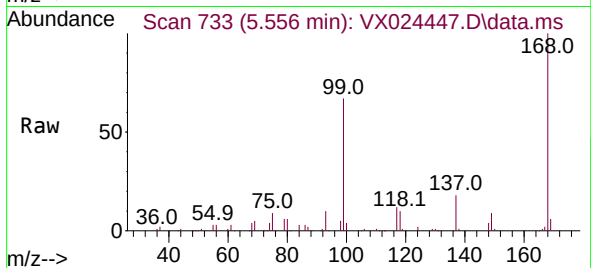
77 0.0 25.3 37.9#



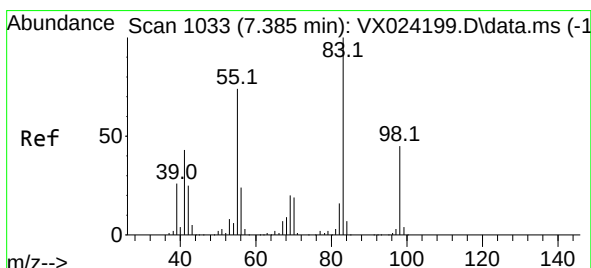
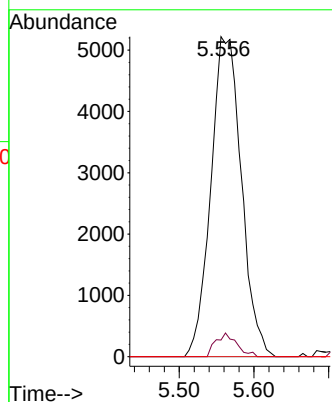
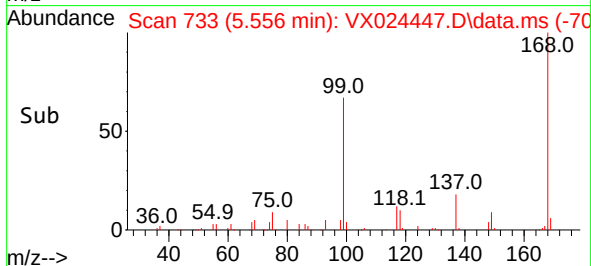


#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

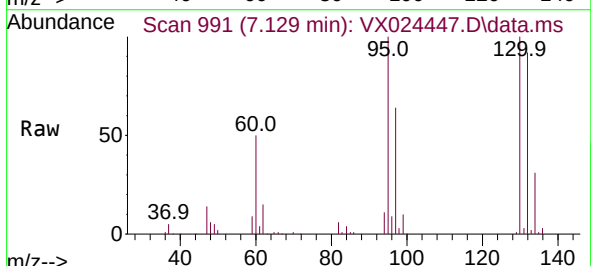
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL



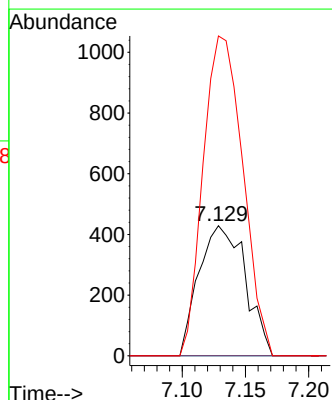
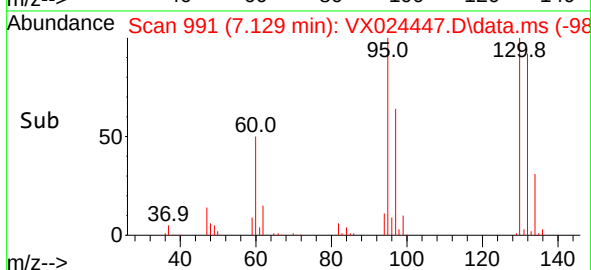
Tgt Ion:117 Resp: 14823
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

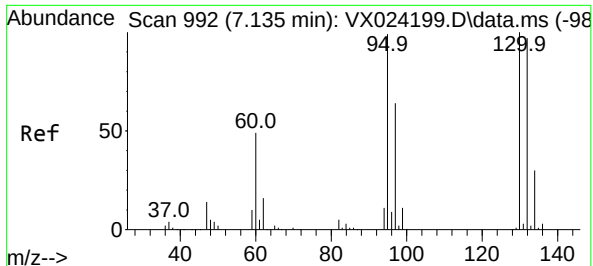


#39
Methylcyclohexane
Concen: 0.408 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13



Tgt Ion: 83 Resp: 1097
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 245.7 38.1 57.1#

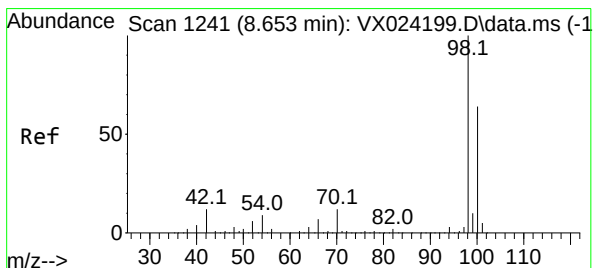
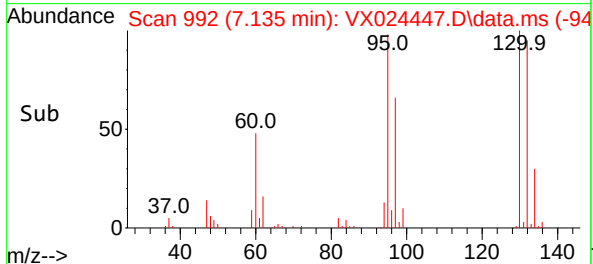
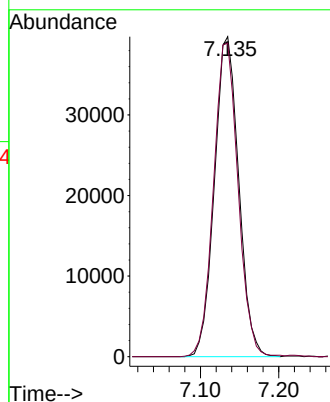
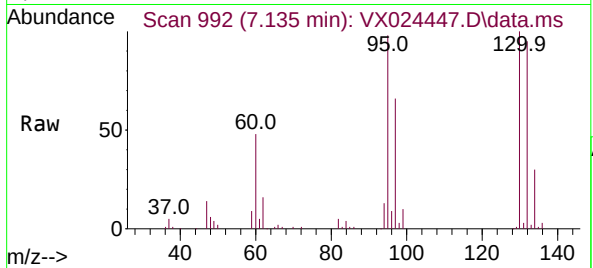




#44
Trichloroethene
Concen: 47.178 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

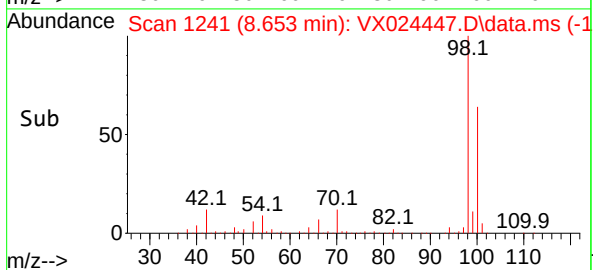
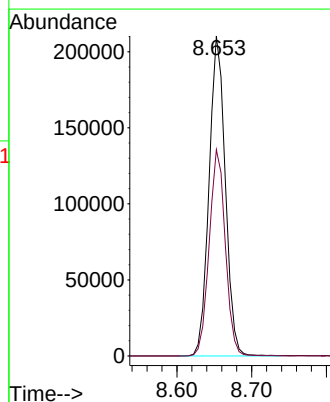
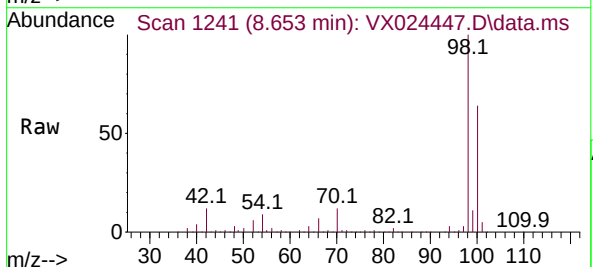
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL

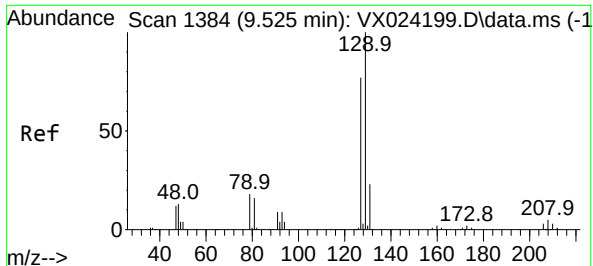
Tgt Ion:130 Resp: 85541
Ion Ratio Lower Upper
130 100
95 98.0 0.0 198.0



#50
Toluene-d8
Concen: 53.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

Tgt Ion: 98 Resp: 317663
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9





#60

Dibromochloromethane

Concen: 1.928 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX024447.D

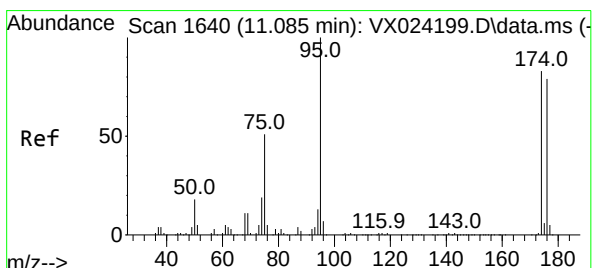
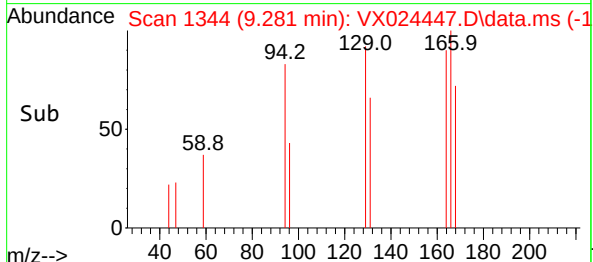
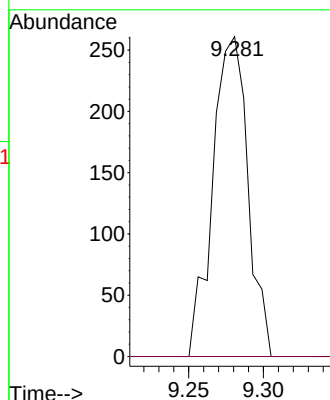
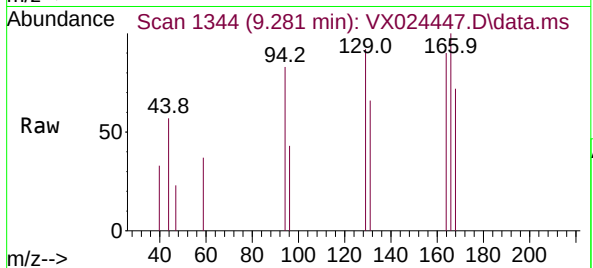
Acq: 22 Sep 2021 20:13

Tgt Ion:129 Resp: 428

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 54.872 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024447.D

Acq: 22 Sep 2021 20:13

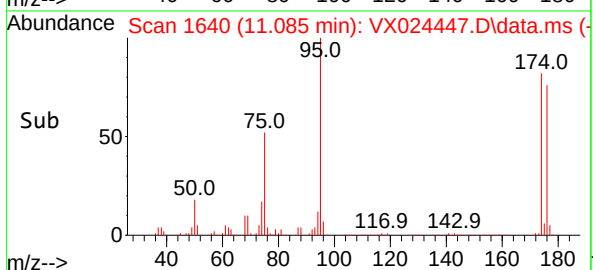
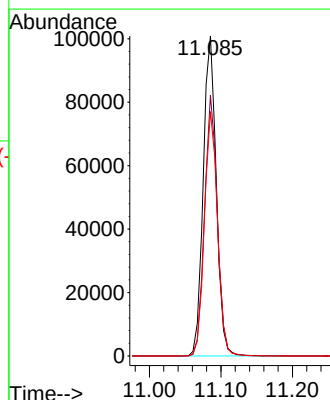
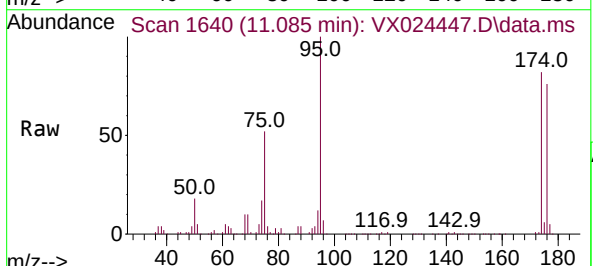
Tgt Ion: 95 Resp: 127675

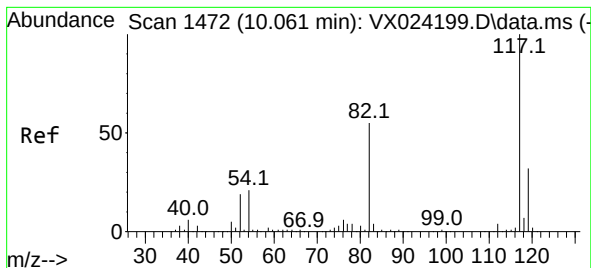
Ion Ratio Lower Upper

95 100

174 80.3 0.0 154.6

176 76.5 0.0 155.8

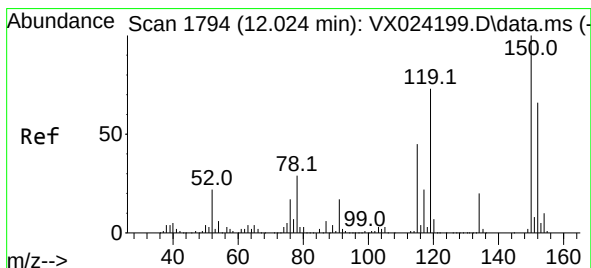
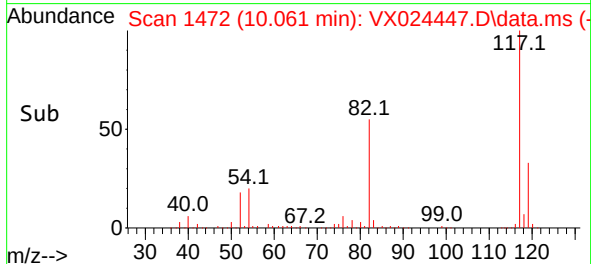
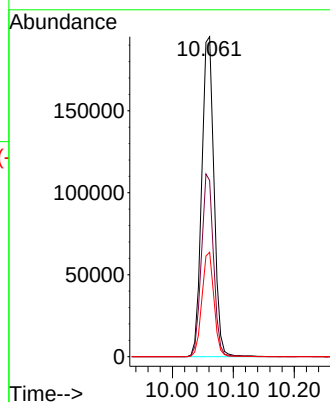
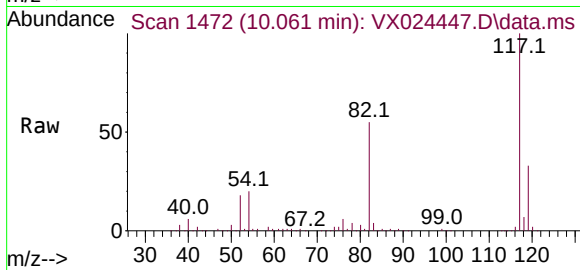




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

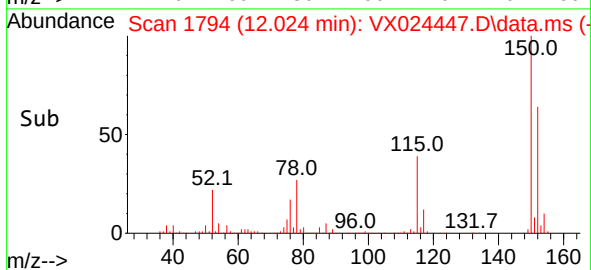
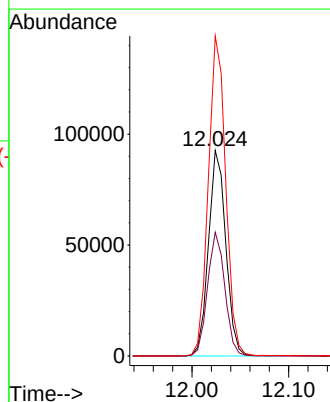
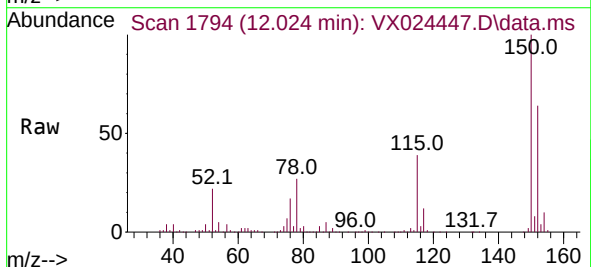
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL

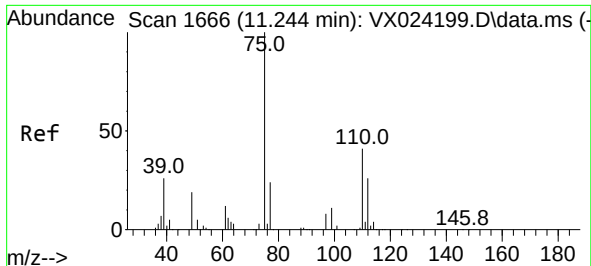
Tgt Ion:117 Resp: 272869
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

Tgt Ion:152 Resp: 115740
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 155.7 0.0 349.0

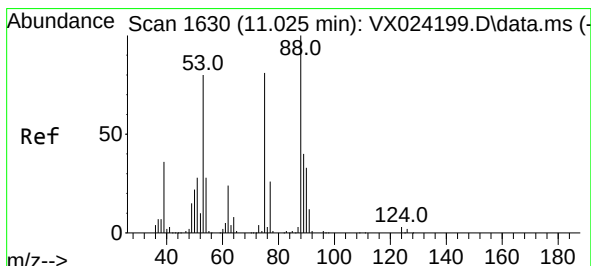
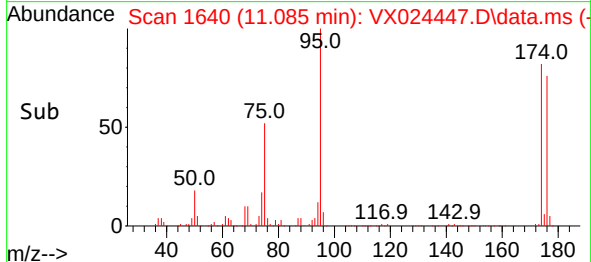
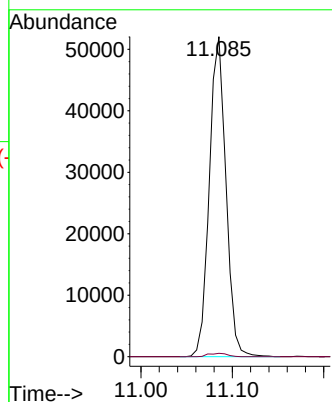
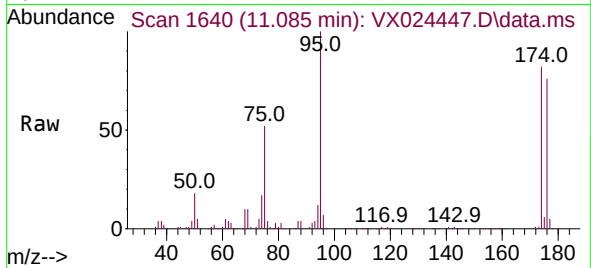




#76
1,2,3-Trichloropropane
Concen: 24.643 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

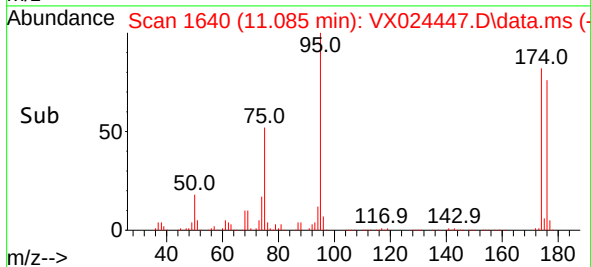
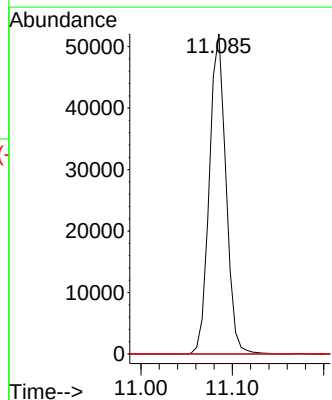
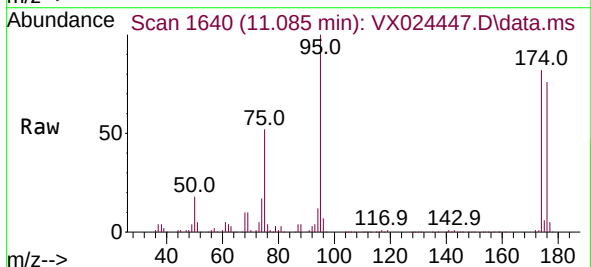
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL

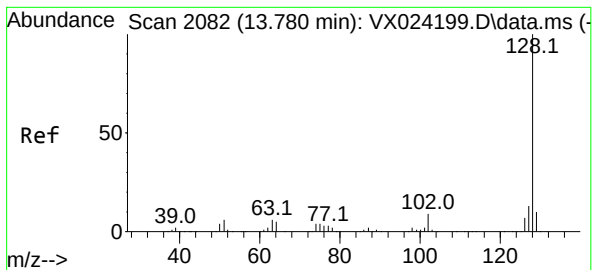
Tgt Ion: 75 Resp: 65582
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.474 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

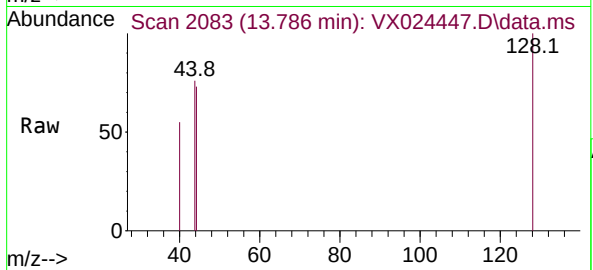
Tgt Ion: 75 Resp: 65582
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.304 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024447.D
Acq: 22 Sep 2021 20:13

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210920DL



Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

