

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030798.D
 Acq On : 26 Aug 2022 02:37
 Operator : JC/MD
 Sample : N4245-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20220817

Quant Time: Aug 26 04:57:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

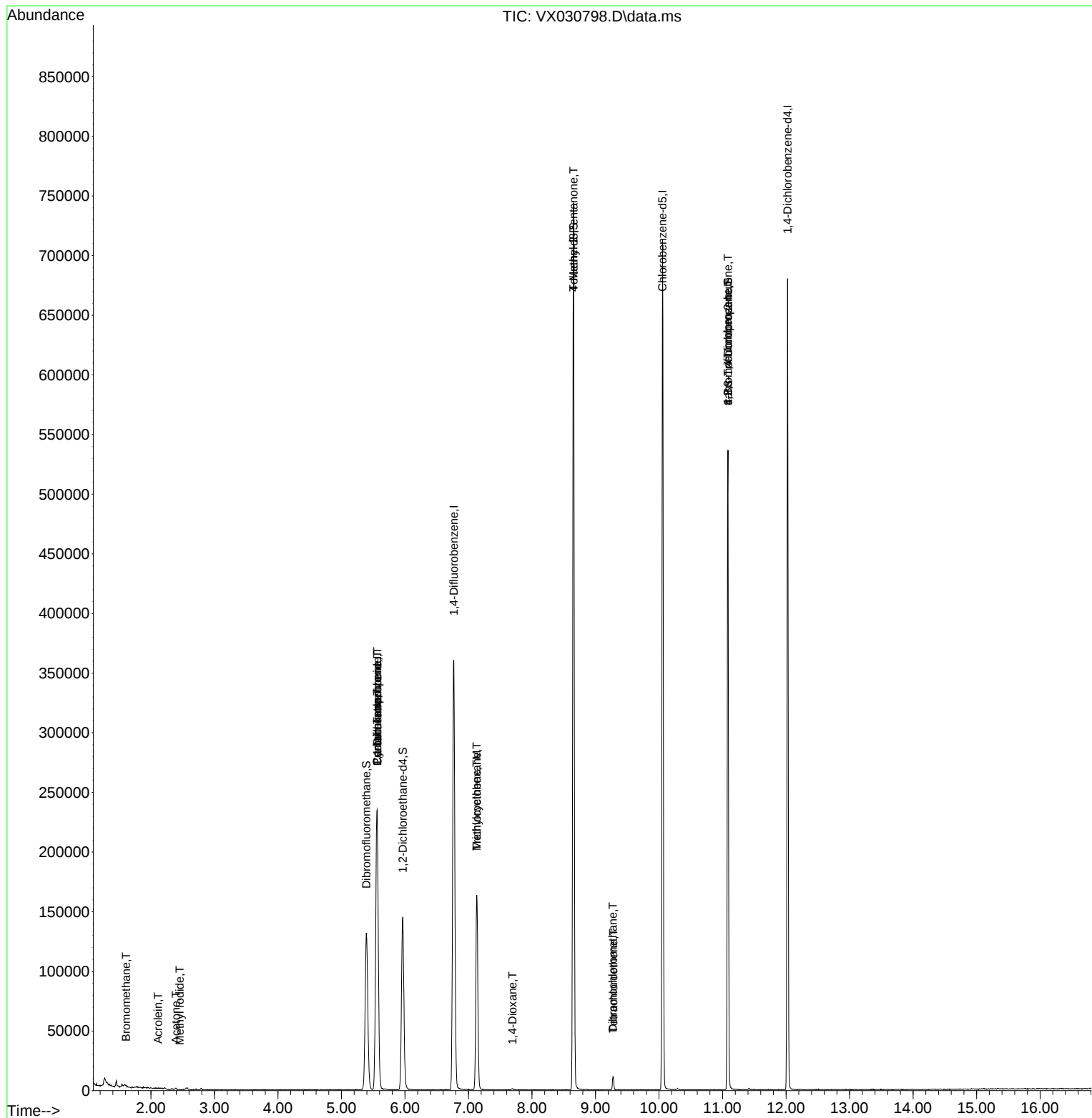
Internal Standards						
1) Pentafluorobenzene	5.562	168	229658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139447	51.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	5.391	113	118319	50.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	8.653	98	445464	54.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.940%			
62) 4-Bromofluorobenzene	11.085	95	145862	47.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	442	Below Cal	#	73
5) Bromomethane	1.605	94	362	0.338	ug/l #	2
6) Chloroethane	1.691	64	372	Below Cal	#	41
10) Methyl Iodide	2.453	142	41	4.050	ug/l #	45
13) Acrolein	2.111	56	31	10.110	ug/l #	14
16) Acetone	2.392	43	1295	1.037	ug/l #	83
17) Carbon Disulfide	2.508	76	352	Below Cal	#	74
20) Methylene Chloride	2.782	84	651	Below Cal	#	49
31) Cyclohexane	5.562	56	4517	1.308	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17240	5.395	ug/l #	49
38) Carbon Tetrachloride	5.562	117	23395	6.940	ug/l #	17
39) Methylcyclohexane	7.129	83	902	0.236	ug/l #	1
44) Trichloroethene	7.129	130	66198	23.965	ug/l	99
49) 1,4-Dioxane	7.690	88	861	12.272	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1645	0.428	ug/l #	1
60) Dibromochloromethane	9.275	129	1994	0.721	ug/l #	11
64) Tetrachloroethene	9.281	164	2135	0.807	ug/l #	82
76) 1,2,3-Trichloropropane	11.085	75	71534	23.427	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	71534	75.586	ug/l #	12

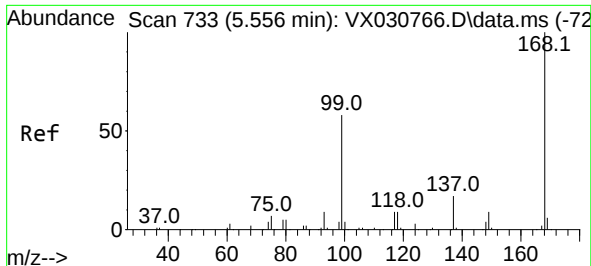
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
Data File : VX030798.D
Acq On : 26 Aug 2022 02:37
Operator : JC/MD
Sample : N4245-14RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

Quant Time: Aug 26 04:57:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

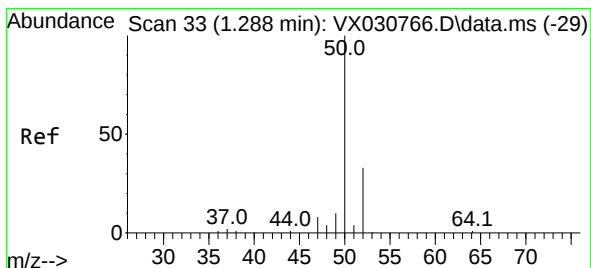
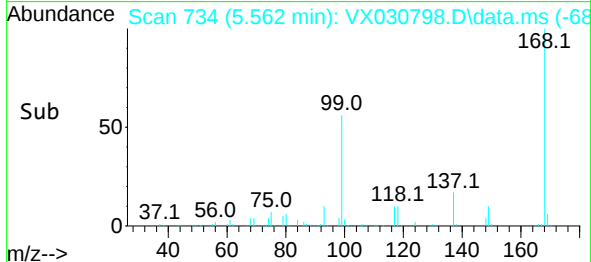
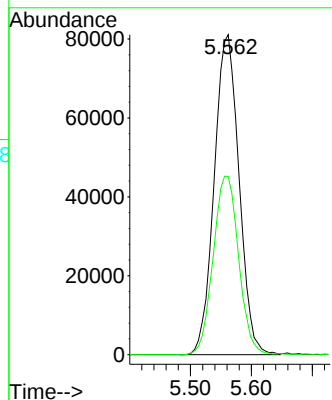
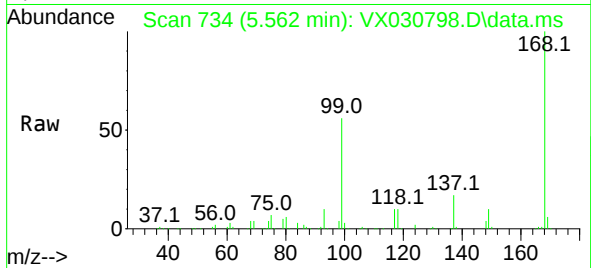




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

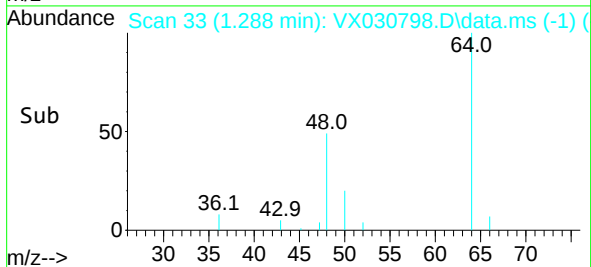
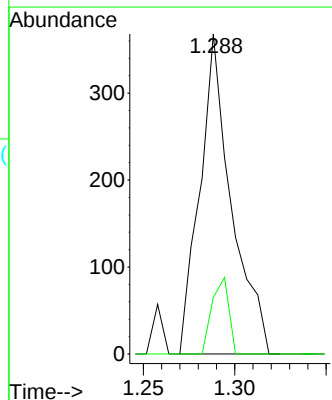
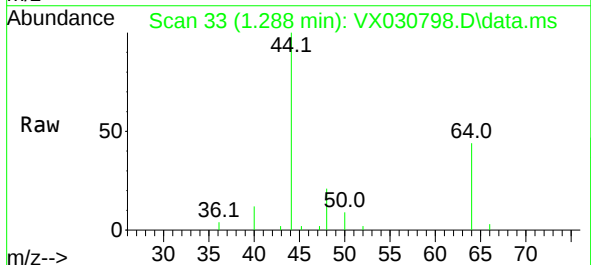
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

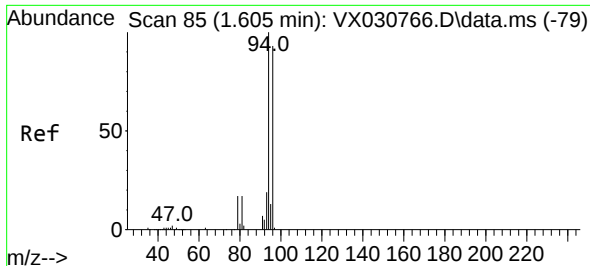
Tgt Ion:168 Resp: 229658
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 17.7 26.3 39.5#

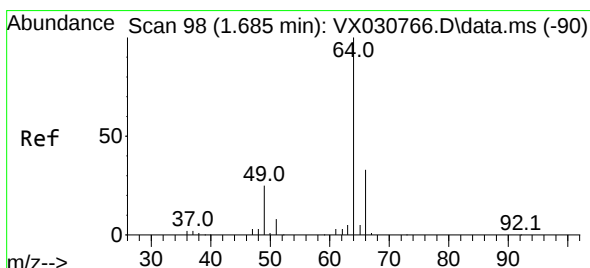
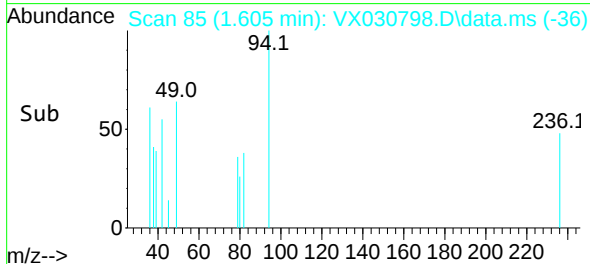
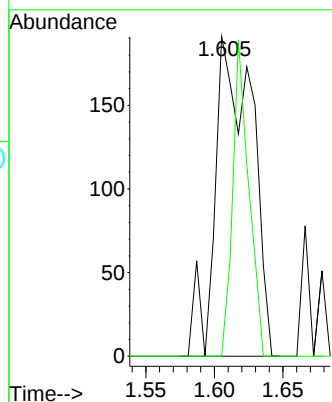
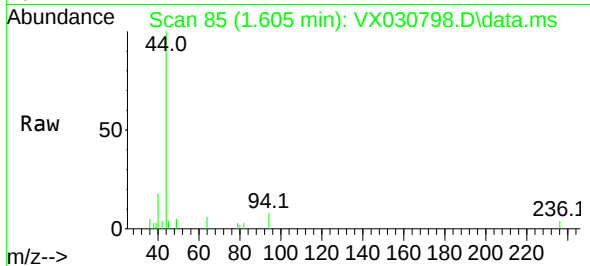




#5
Bromomethane
Concen: 0.338 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

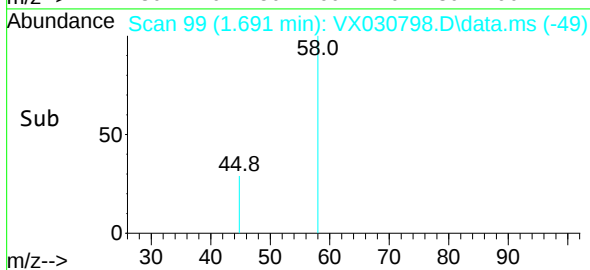
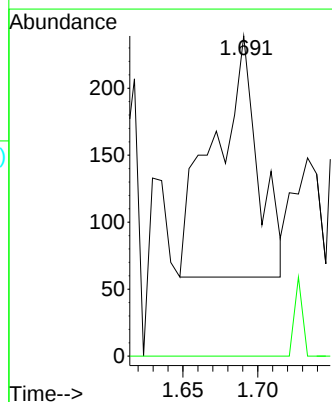
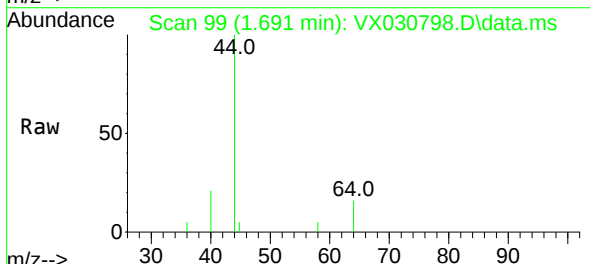
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

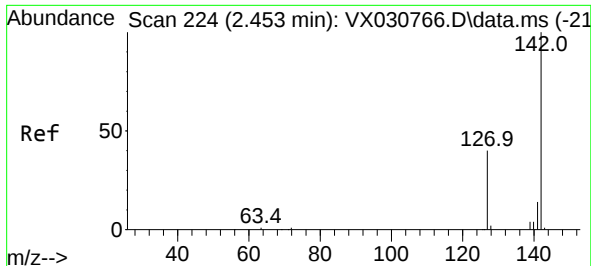
Tgt Ion: 94 Resp: 362
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 64 Resp: 372
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

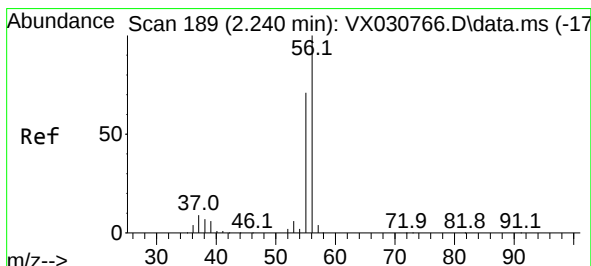
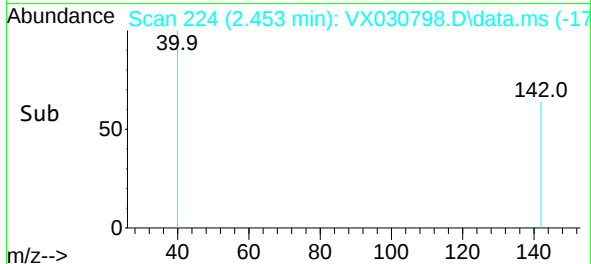
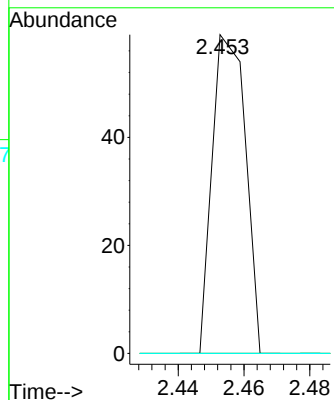
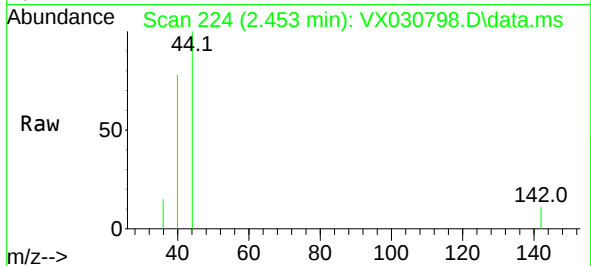




#10
Methyl Iodide
Concen: 4.050 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

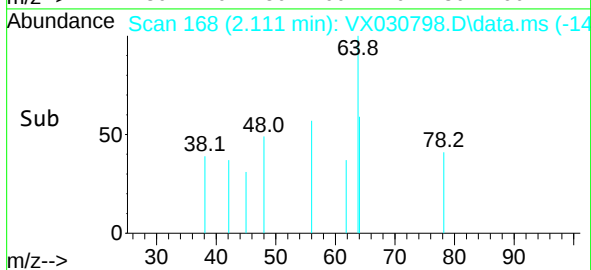
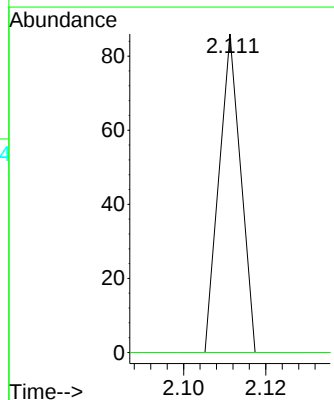
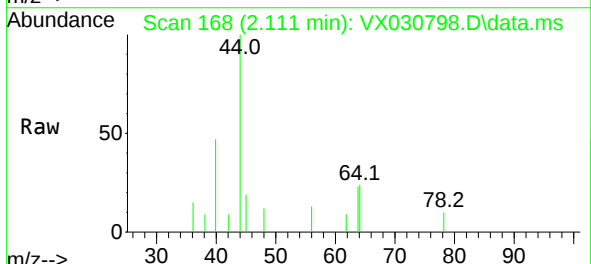
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

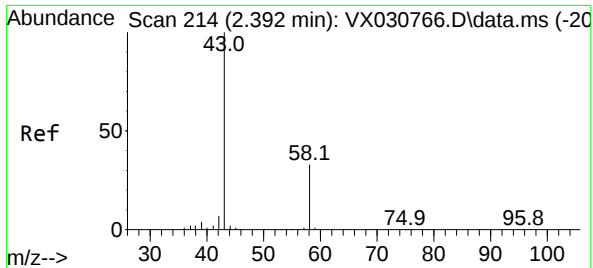
Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 10.110 ug/l
RT: 2.111 min Scan# 168
Delta R.T. -0.129 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

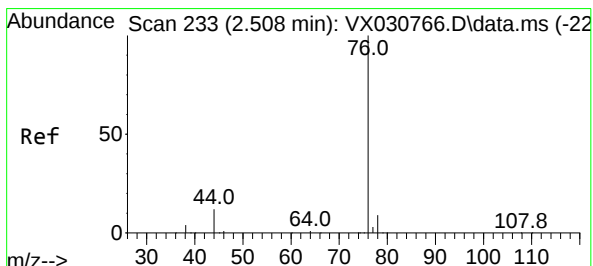
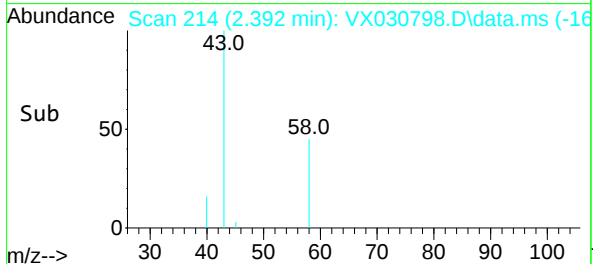
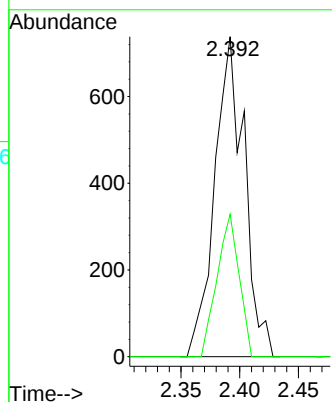
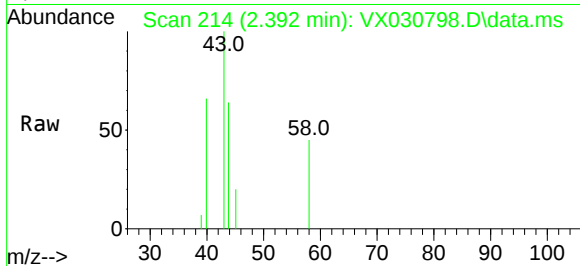




#16
Acetone
Concen: 1.037 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

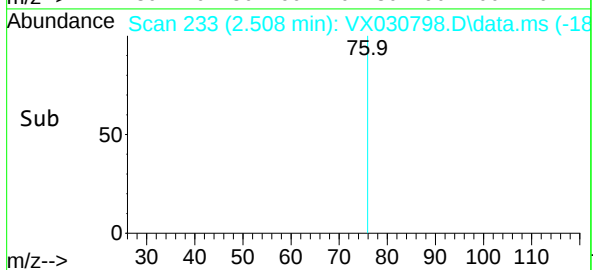
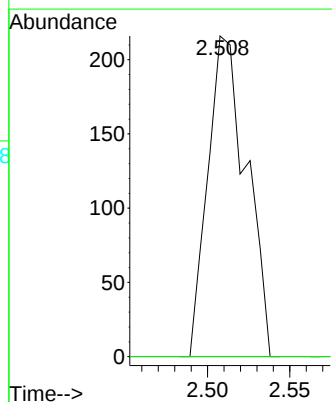
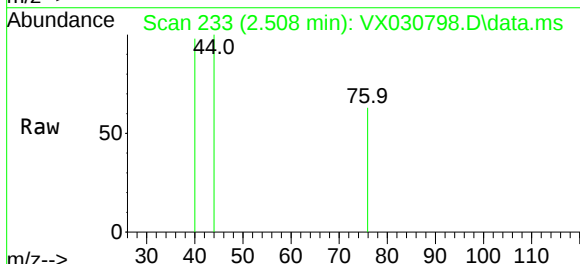
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

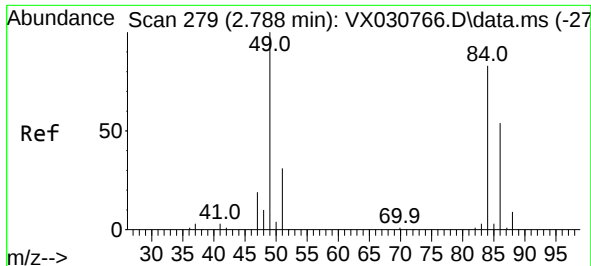
Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
58 44.6 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

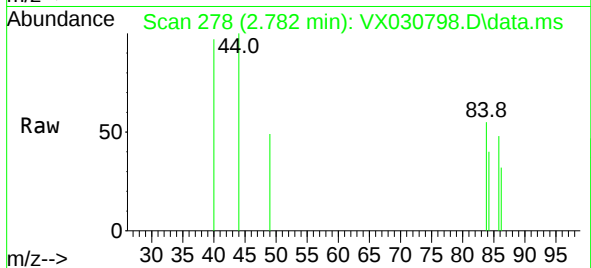
Tgt Ion: 76 Resp: 352
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



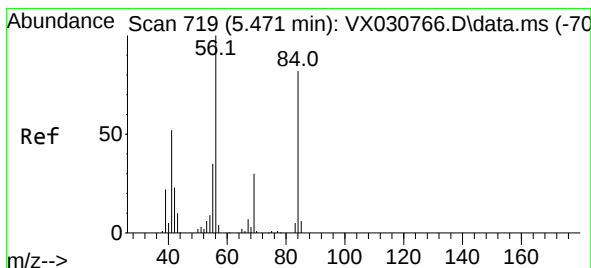
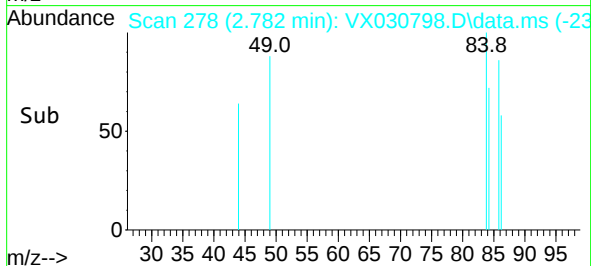
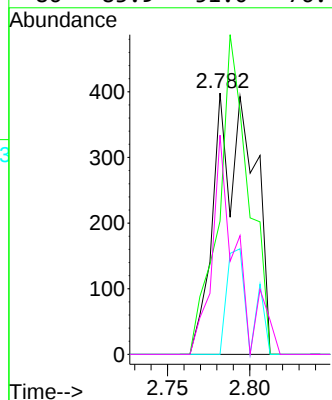


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

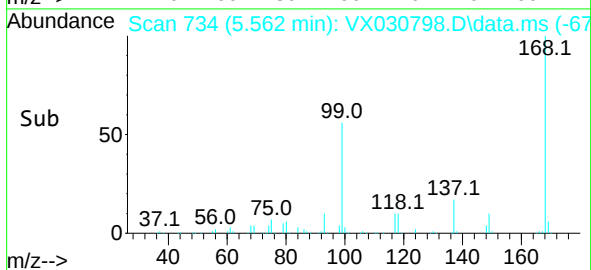
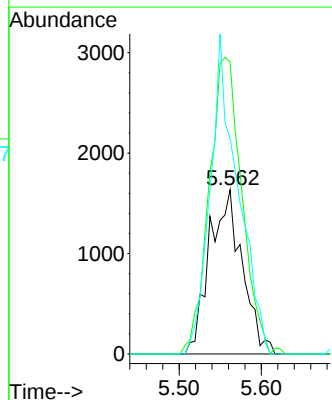
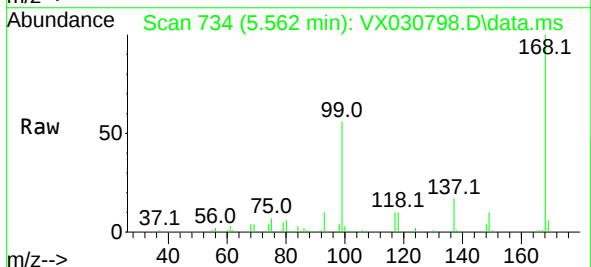


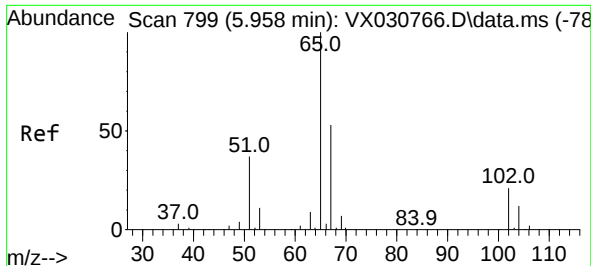
Tgt Ion: 84	Resp: 651
Ion Ratio	Lower Upper
84	100
49	51.0 93.8 140.6#
51	0.0 29.4 44.0#
86	83.9 51.0 76.4#



#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 56	Resp: 4517
Ion Ratio	Lower Upper
56	100
69	178.0 25.4 38.0#
84	131.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.620 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030798.D

Acq: 26 Aug 2022 02:37

Instrument :

MSVOA_X

ClientSampleId :

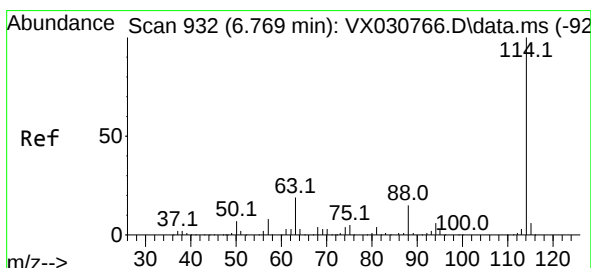
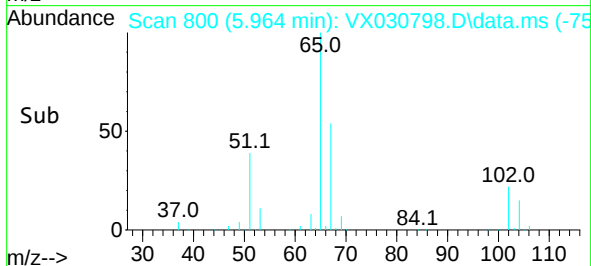
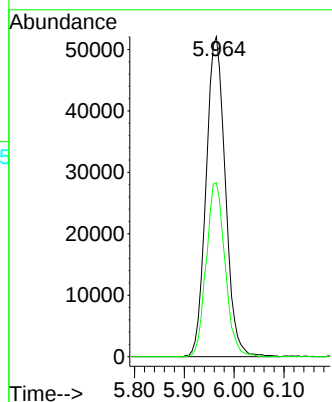
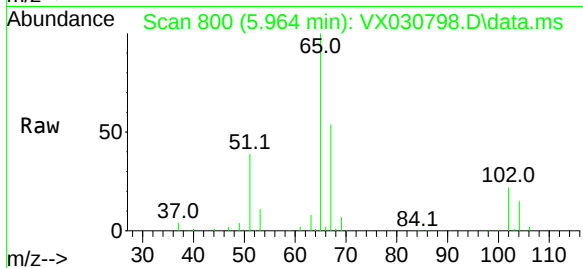
RE126D1-20220817

Tgt Ion: 65 Resp: 139447

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030798.D

Acq: 26 Aug 2022 02:37

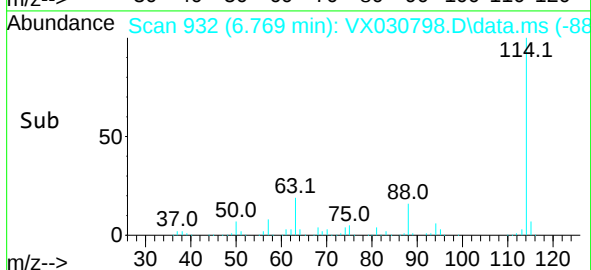
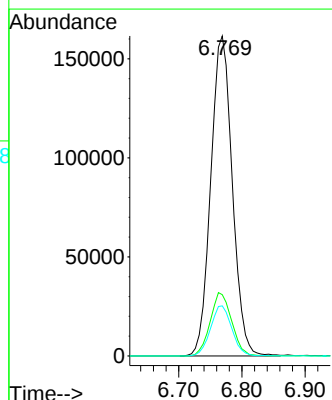
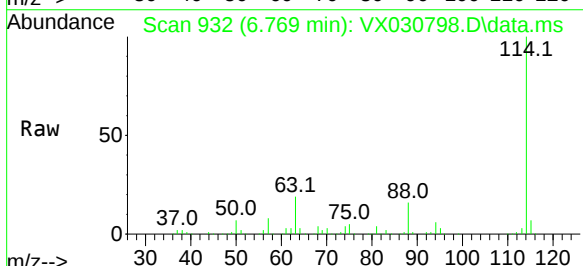
Tgt Ion: 114 Resp: 381853

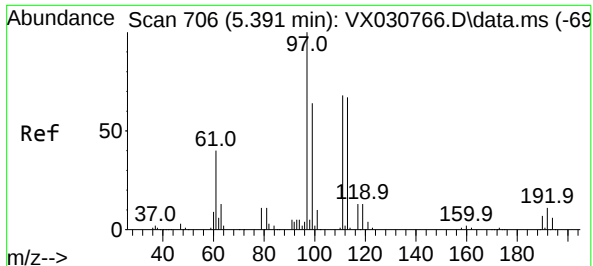
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

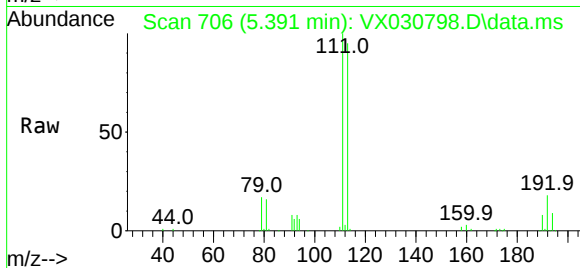
88 15.7 0.0 31.8



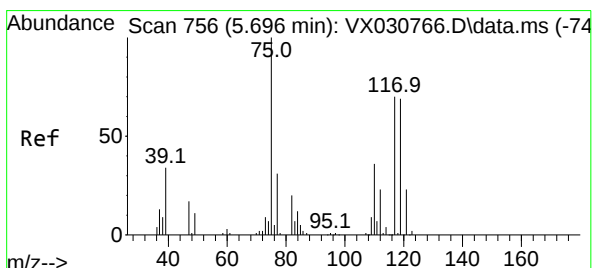
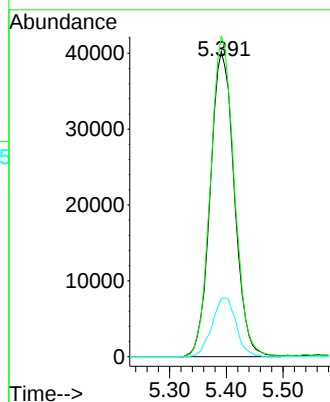
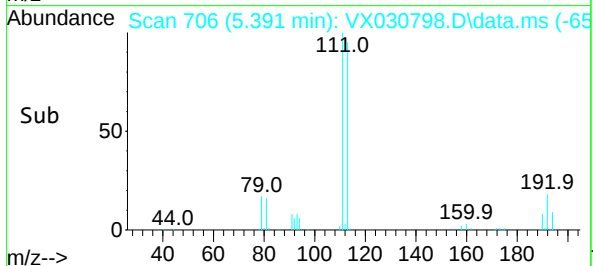


#35
Dibromofluoromethane
Concen: 50.417 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

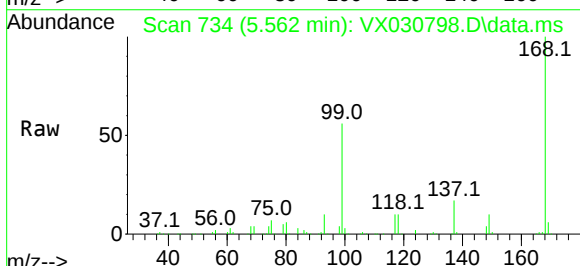
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817



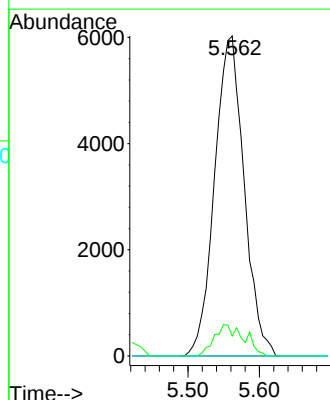
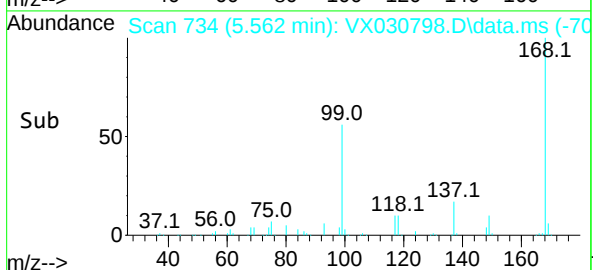
Tgt Ion:113 Resp: 118319
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 19.3 14.8 22.2

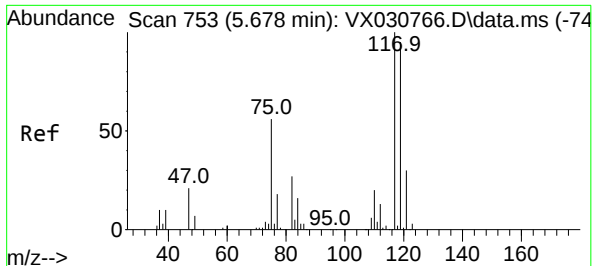


#36
1,1-Dichloropropene
Concen: 5.395 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37



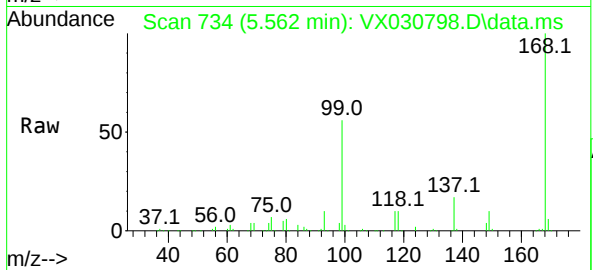
Tgt Ion: 75 Resp: 17240
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



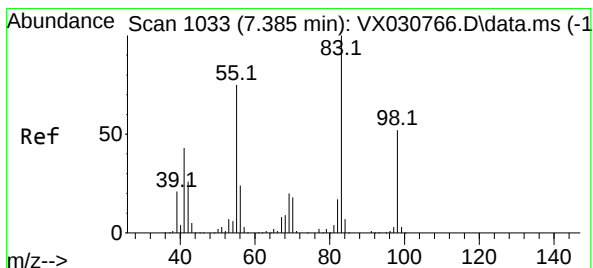
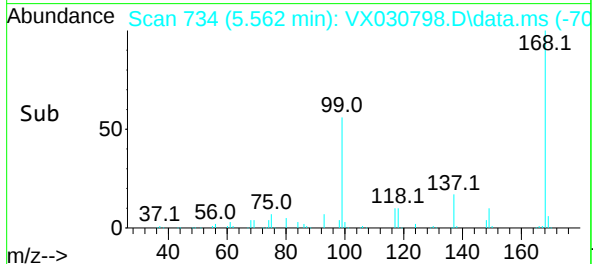
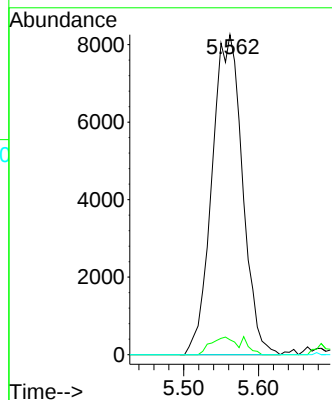


#38
Carbon Tetrachloride
Concen: 6.940 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

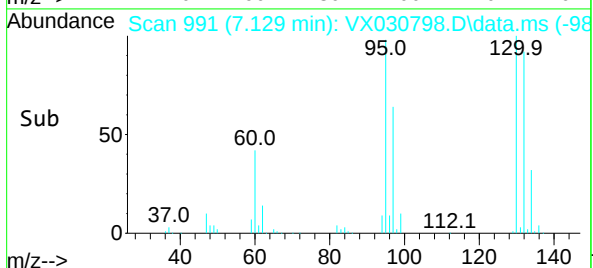
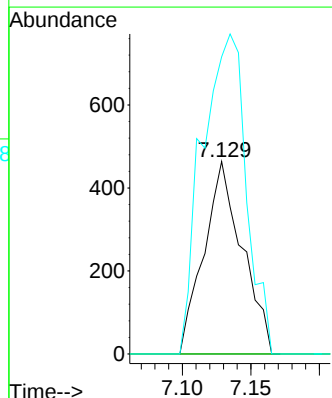
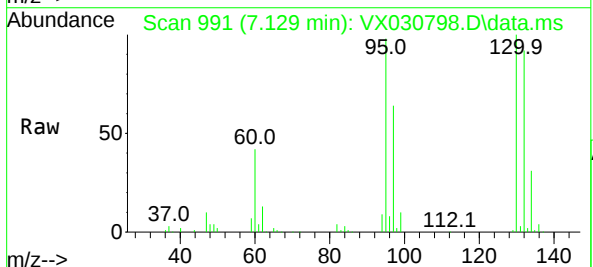


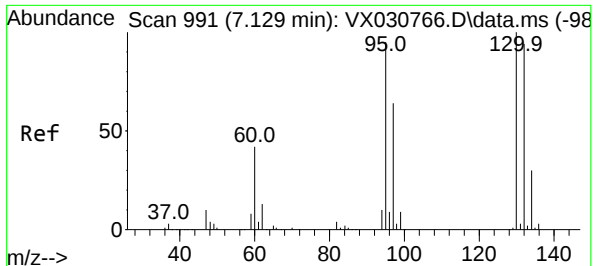
Tgt Ion:117 Resp: 23395
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.236 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 83 Resp: 902
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 154.3 36.5 54.7#

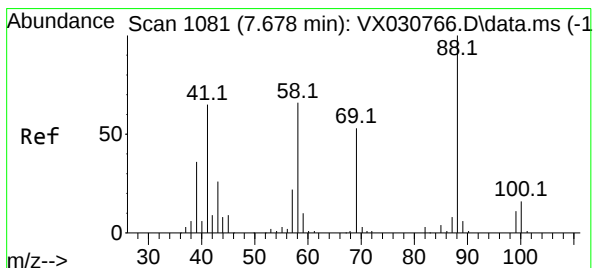
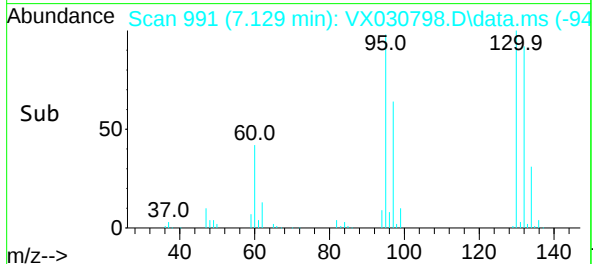
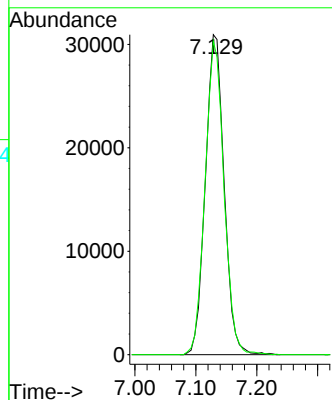
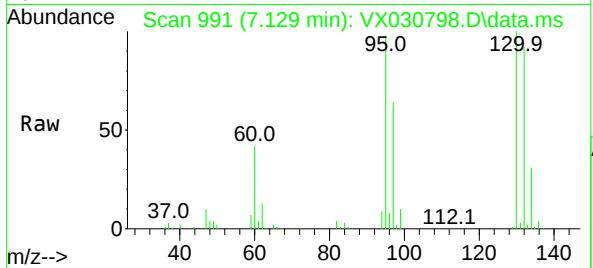




#44
Trichloroethene
Concen: 23.965 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

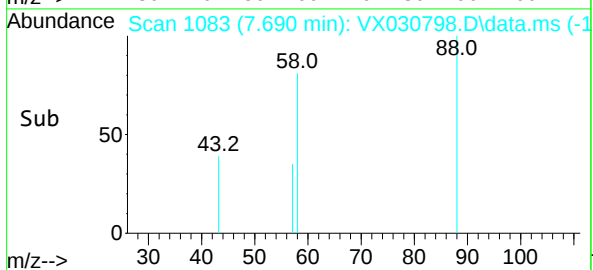
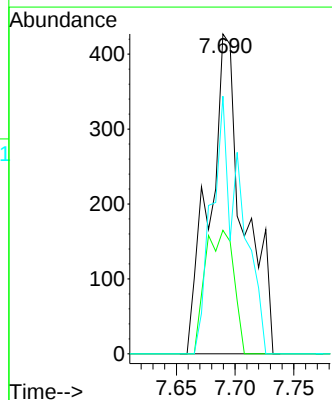
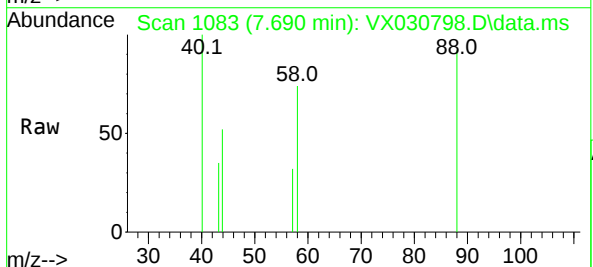
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

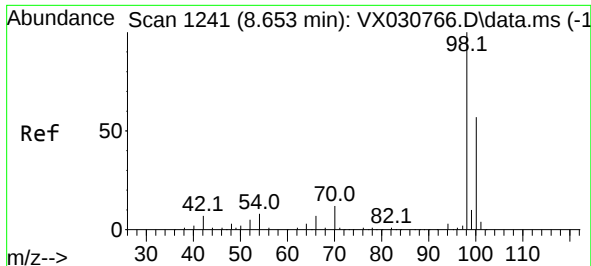
Tgt Ion:130 Resp: 66198
Ion Ratio Lower Upper
130 100
95 98.0 0.0 194.8



#49
1,4-Dioxane
Concen: 12.272 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 88 Resp: 861
Ion Ratio Lower Upper
88 100
43 32.3 23.8 35.8
58 67.9 53.8 80.6

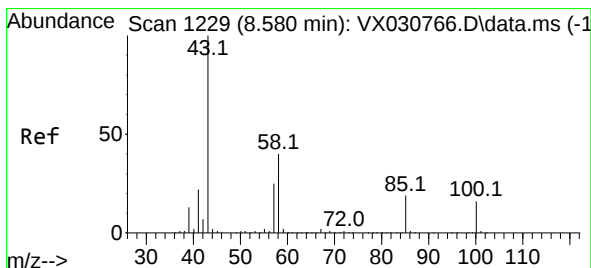
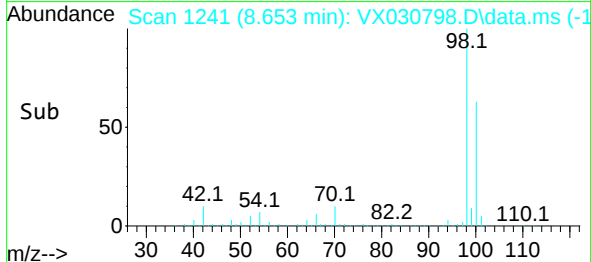
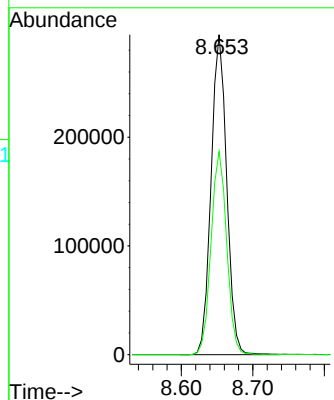
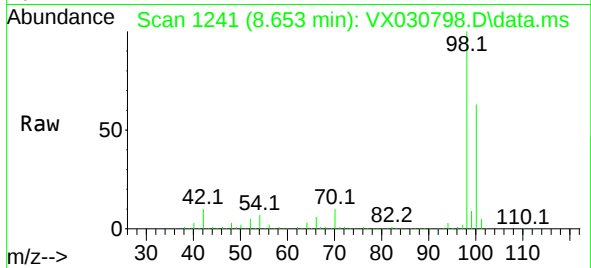




#50
Toluene-d8
Concen: 54.472 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

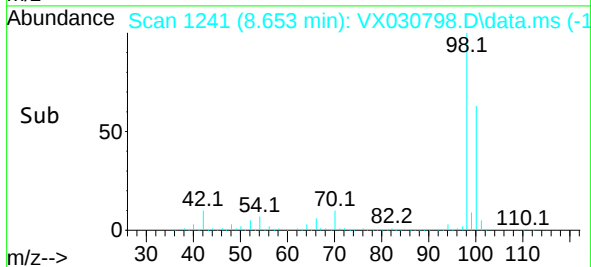
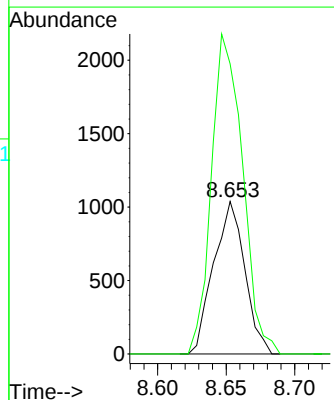
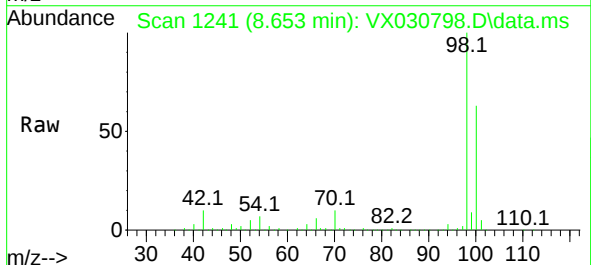
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

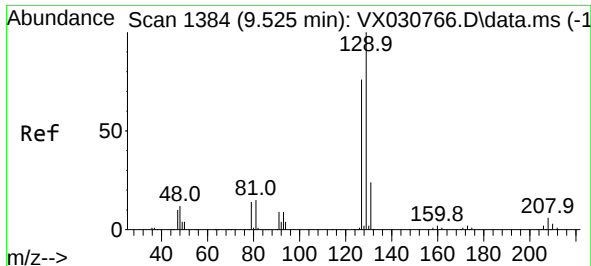
Tgt Ion: 98 Resp: 445464
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 209.1 31.4 47.2#

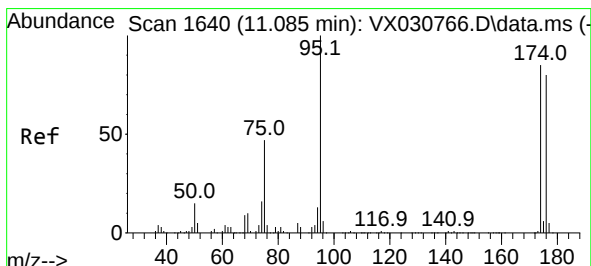
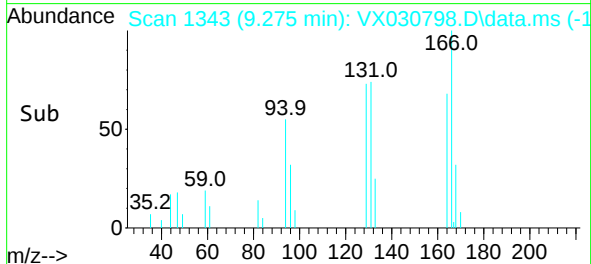
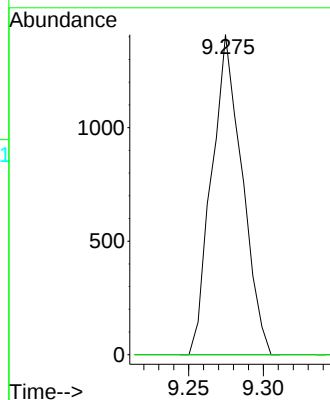
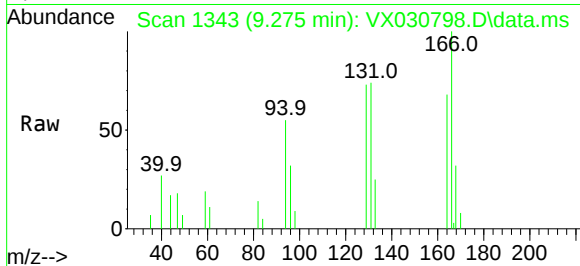




#60
Dibromochloromethane
Concen: 0.721 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

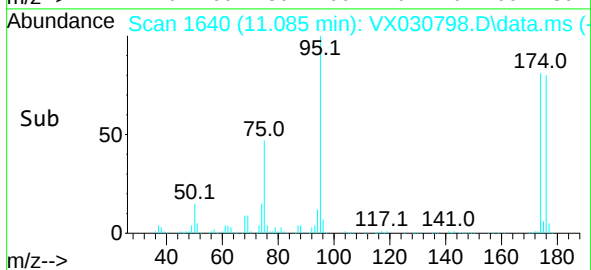
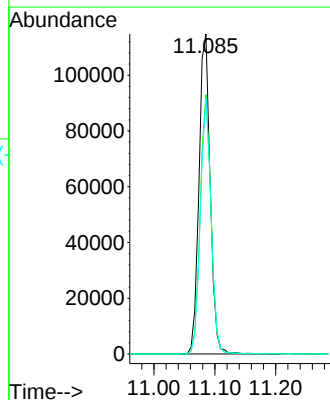
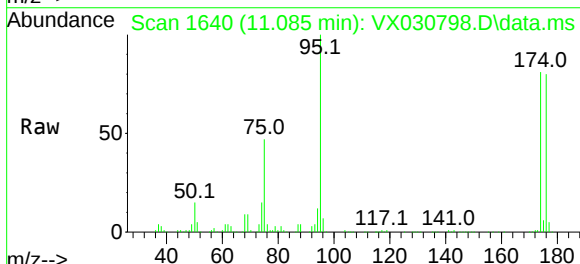
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

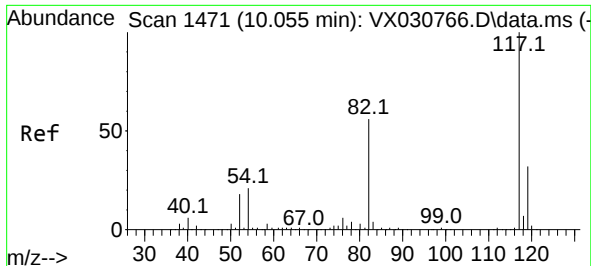
Tgt Ion:129 Resp: 1994
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion: 95 Resp: 145862
Ion Ratio Lower Upper
95 100
174 79.3 0.0 149.0
176 76.6 0.0 146.0

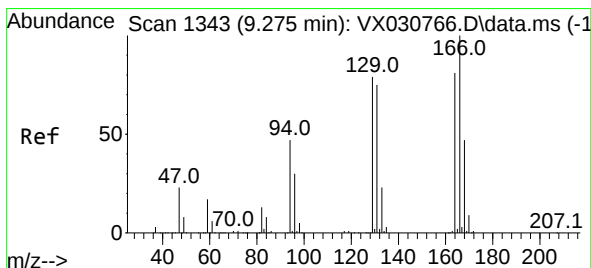
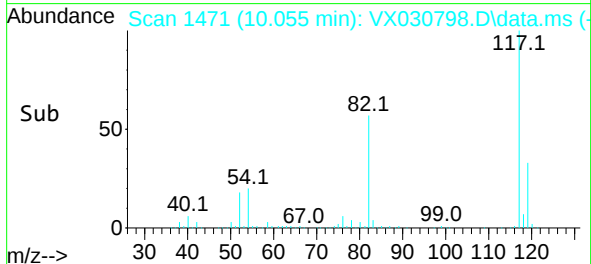
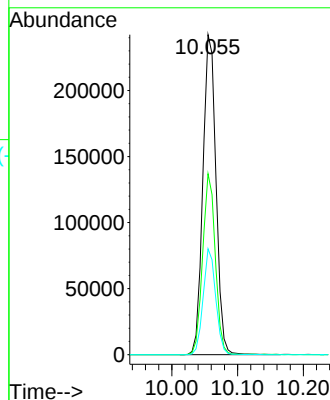
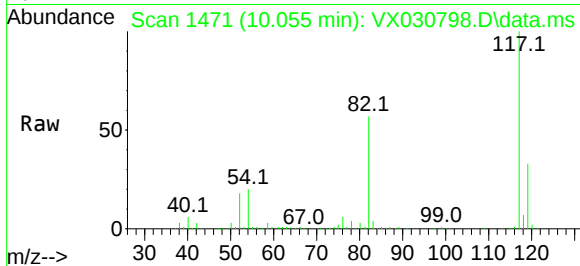




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

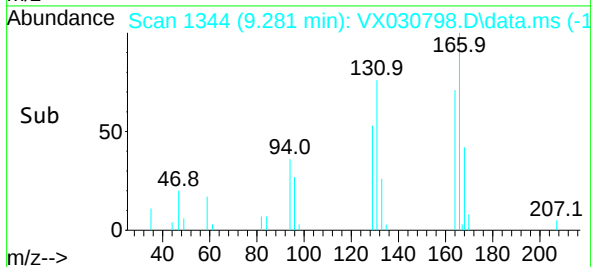
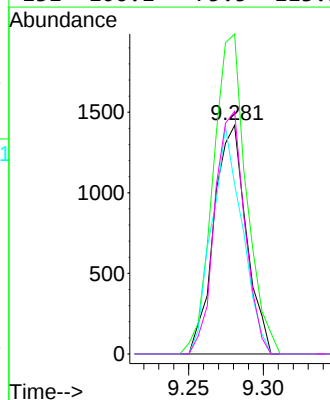
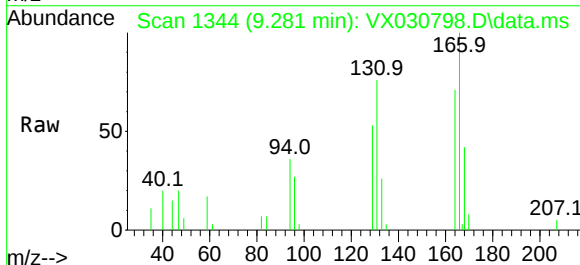
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

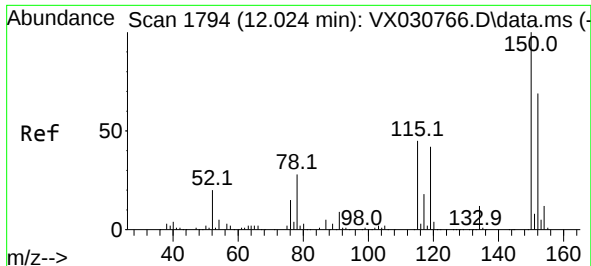
Tgt Ion:117 Resp: 335933
Ion Ratio Lower Upper
117 100
82 56.6 42.7 64.1
119 33.1 25.4 38.2



#64
Tetrachloroethene
Concen: 0.807 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030798.D
Acq: 26 Aug 2022 02:37

Tgt Ion:164 Resp: 2135
Ion Ratio Lower Upper
164 100
166 140.0 98.2 147.4
129 74.2 80.8 121.2#
131 106.1 75.5 113.3

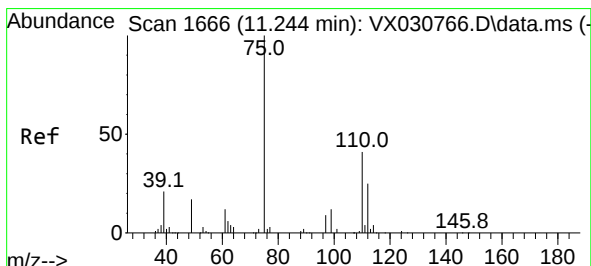
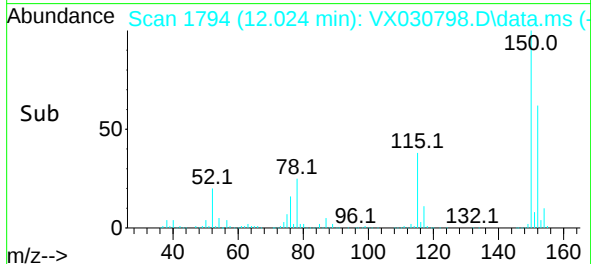
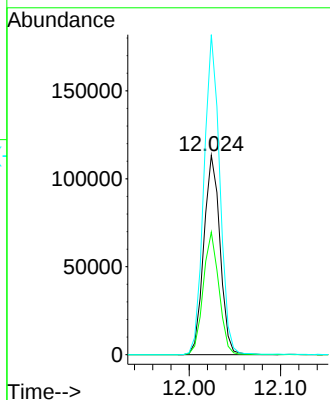
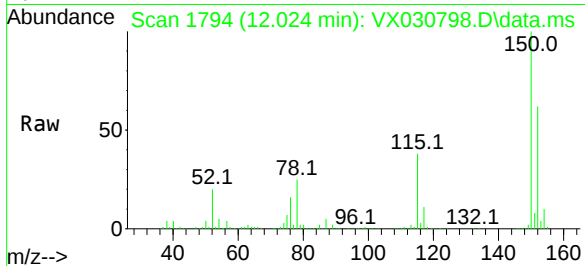




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030798.D
 Acq: 26 Aug 2022 02:37

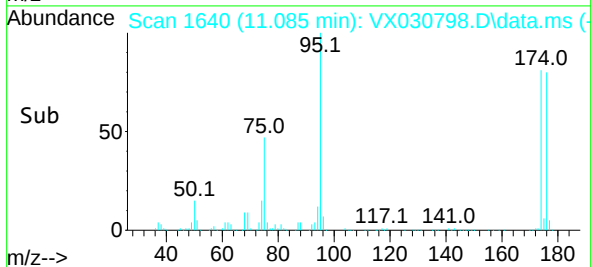
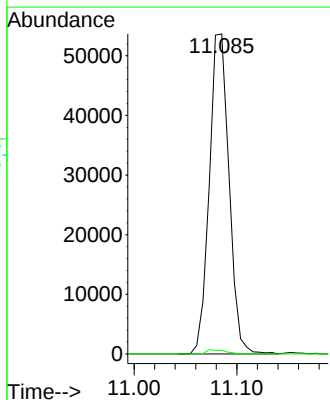
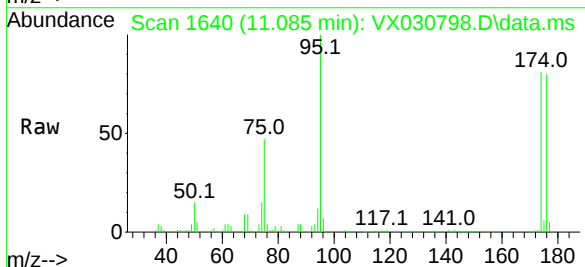
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20220817

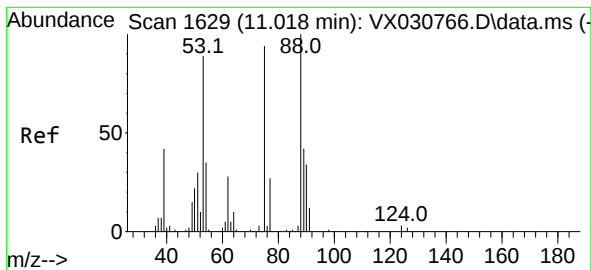
Tgt Ion:152 Resp: 139372
 Ion Ratio Lower Upper
 152 100
 115 59.4 40.5 121.5
 150 156.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.427 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030798.D
 Acq: 26 Aug 2022 02:37

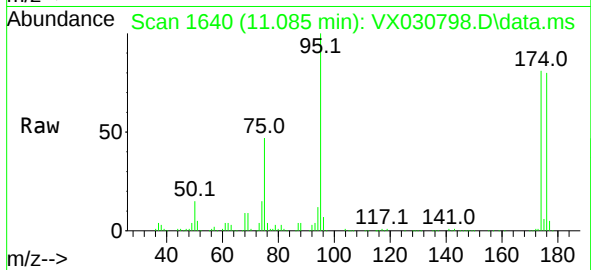
Tgt Ion: 75 Resp: 71534
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.586 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX030798.D
 Acq: 26 Aug 2022 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20220817



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	34.8	52.2#

