

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044380.D
 Acq On : 18 Dec 2024 14:01
 Operator : JC/MD
 Sample : P5261-19DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20241210DL

Quant Time: Dec 19 00:45:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

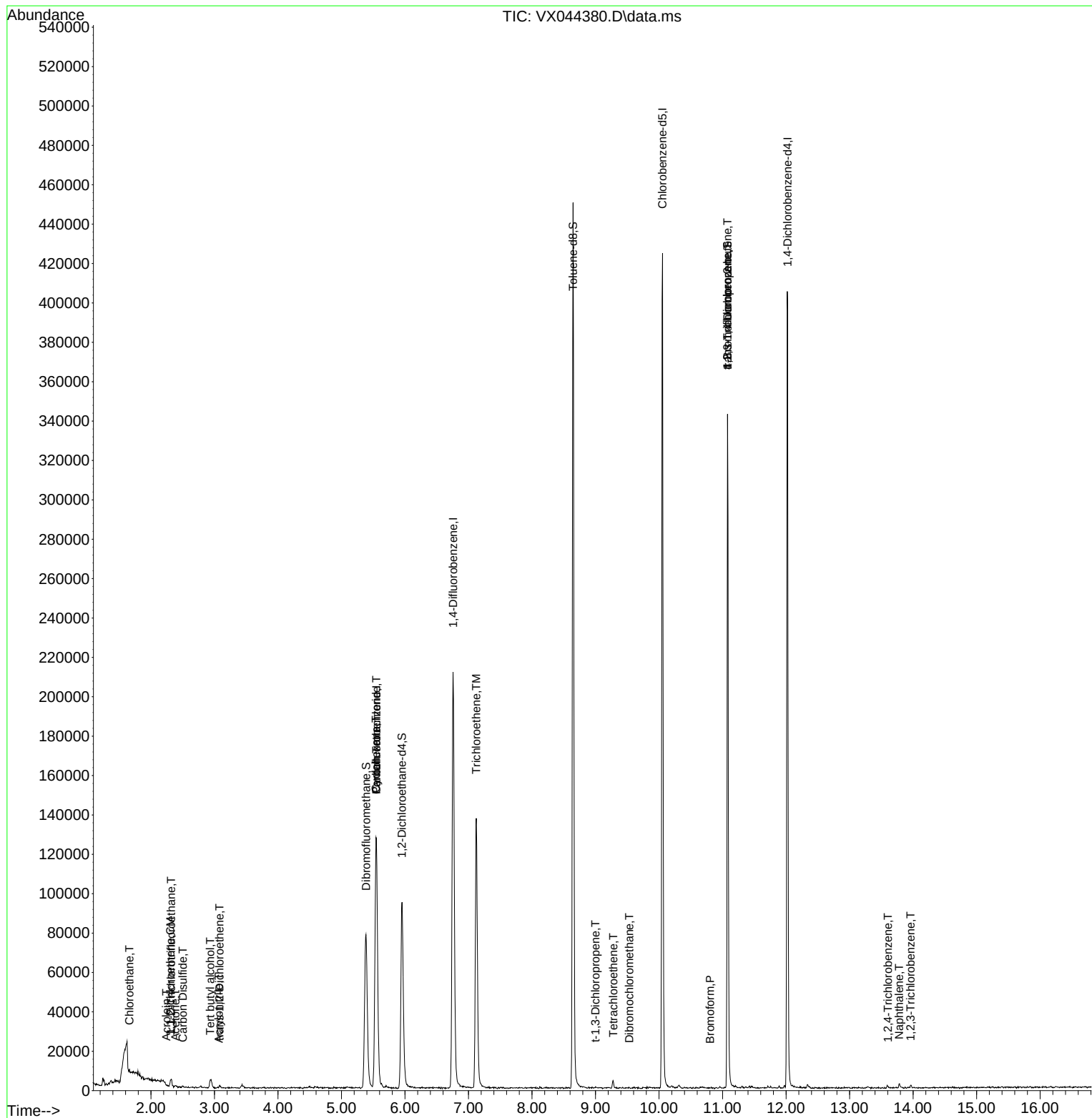
Internal Standards						
1) Pentafluorobenzene	5.550	168	115422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91204	45.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.140%		
35) Dibromofluoromethane	5.385	113	69475	46.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.340%		
50) Toluene-d8	8.647	98	254881	50.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.500%		
62) 4-Bromofluorobenzene	11.079	95	86672	49.387	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.780%		
Target Compounds						Qvalue
6) Chloroethane	1.660	64	397	0.359	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	1029	0.731	ug/l	94
11) Tert butyl alcohol	2.934	59	1303	4.568	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	515	0.398	ug/l #	73
13) Acrolein	2.239	56	222	0.538	ug/l #	28
15) Acrylonitrile	3.068	53	226	0.286	ug/l #	92
16) Acetone	2.386	43	820	0.994	ug/l #	72
17) Carbon Disulfide	2.501	76	1167	0.475	ug/l #	75
21) trans-1,2-Dichloroethene	3.081	96	335	0.244	ug/l #	22
31) Cyclohexane	5.544	56	3186	1.459	ug/l #	19
38) Carbon Tetrachloride	5.550	117	12964	6.257	ug/l #	17
44) Trichloroethene	7.123	130	53476	36.703	ug/l	92
53) t-1,3-Dichloropropene	9.000	75	155	1.070	ug/l #	41
60) Dibromochloromethane	9.531	129	51	1.265	ug/l #	11
64) Tetrachloroethene	9.281	164	752	0.606	ug/l	88
71) Bromoform	10.805	173	31	1.267	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	48276	25.772	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	48276	71.188	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.603	180	319	0.206	ug/l #	50
95) Naphthalene	13.780	128	2367	0.392	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	510	0.310	ug/l	85

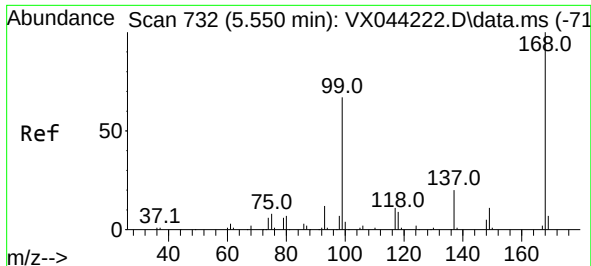
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

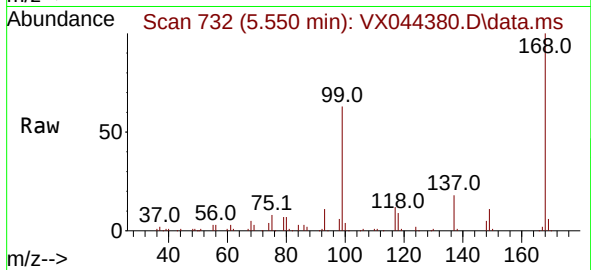
Quant Time: Dec 19 00:45:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



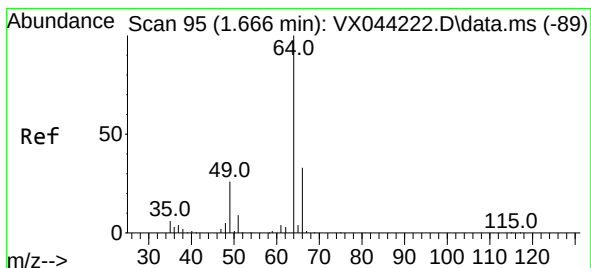
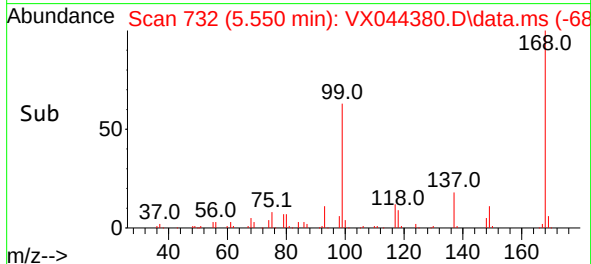
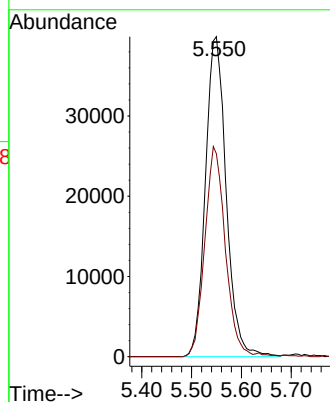


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

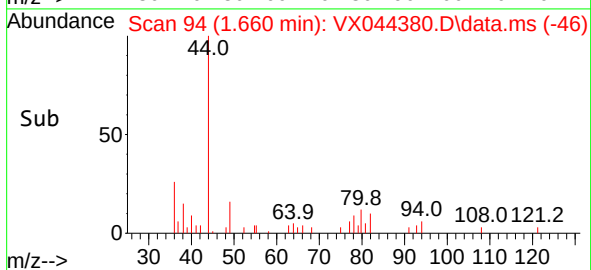
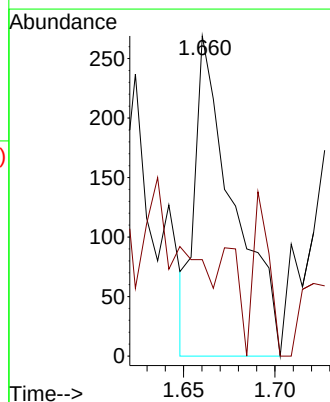
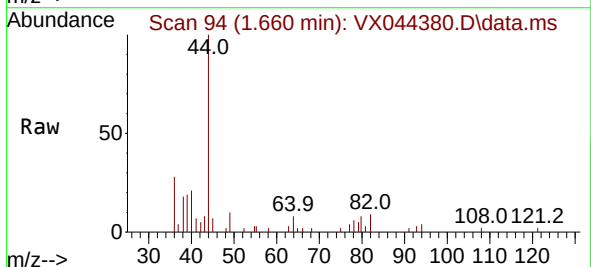


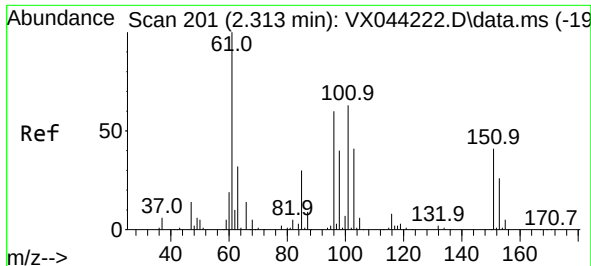
Tgt Ion:168 Resp: 115422
Ion Ratio Lower Upper
168 100
99 63.4 53.4 80.0



#6
Chloroethane
Concen: 0.359 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion: 64 Resp: 397
Ion Ratio Lower Upper
64 100
66 30.1 26.6 39.8

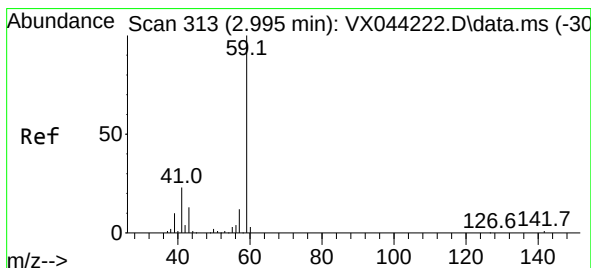
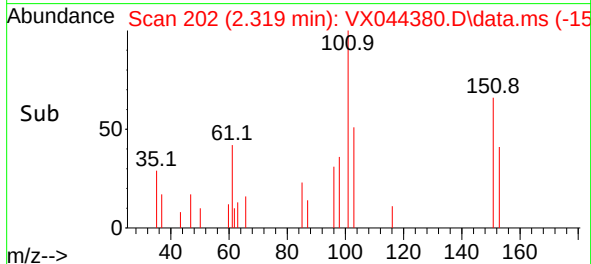
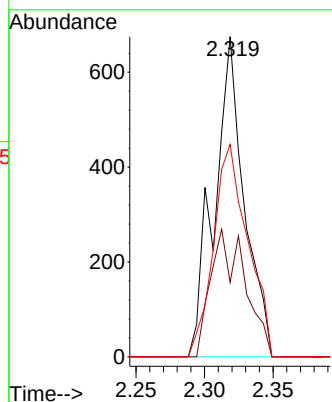
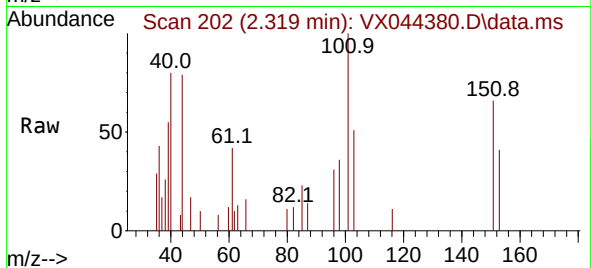




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.731 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

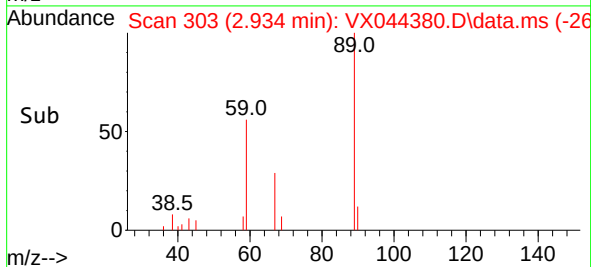
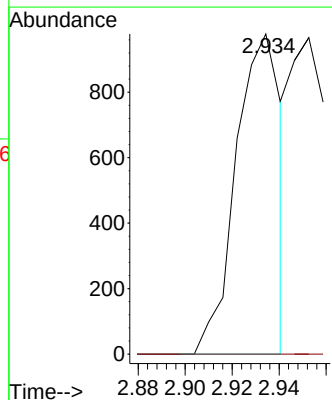
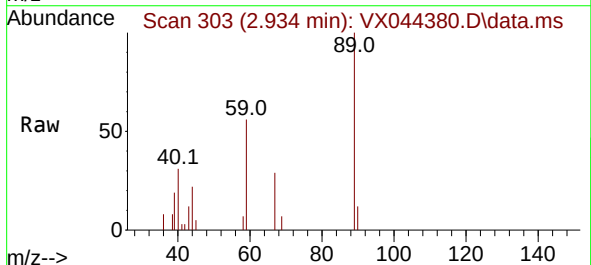
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

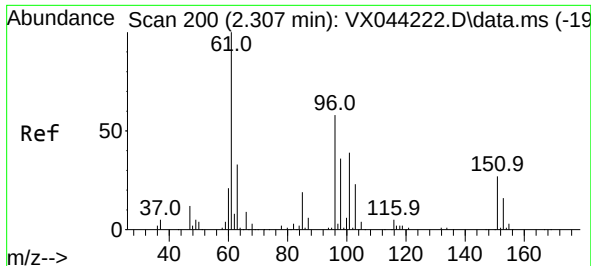
Tgt Ion:101 Resp: 1029
Ion Ratio Lower Upper
101 100
85 45.5 38.5 57.7
151 75.8 55.8 83.6



#11
Tert butyl alcohol
Concen: 4.568 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion: 59 Resp: 1303
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 0.398 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX044380.D

Acq: 18 Dec 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20241210DL

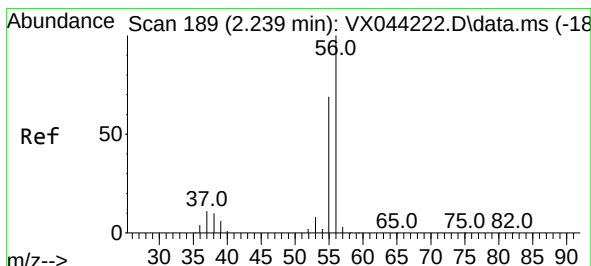
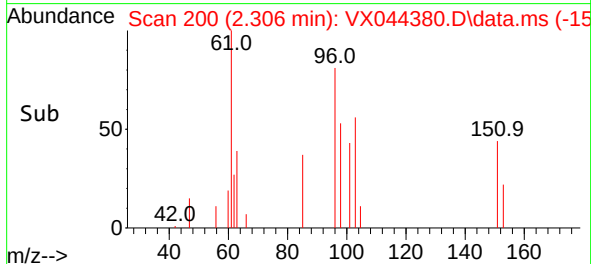
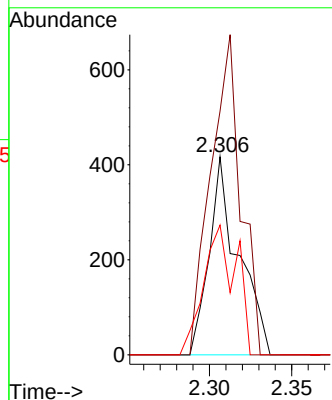
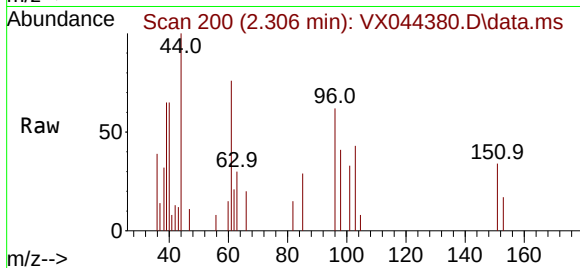
Tgt Ion: 96 Resp: 515

Ion Ratio Lower Upper

96 100

61 123.0 138.0 207.0#

98 65.5 50.0 75.0



#13

Acrolein

Concen: 0.538 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044380.D

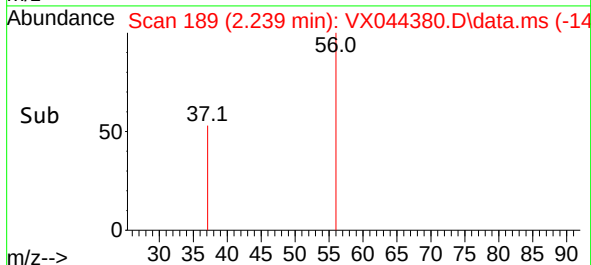
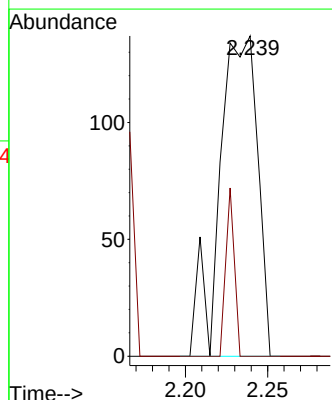
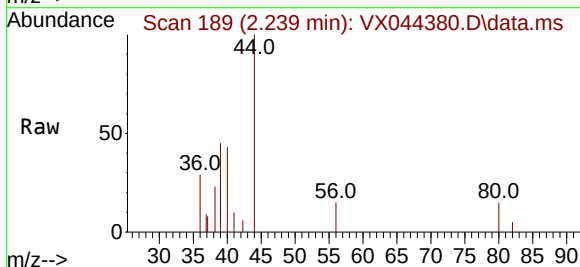
Acq: 18 Dec 2024 14:01

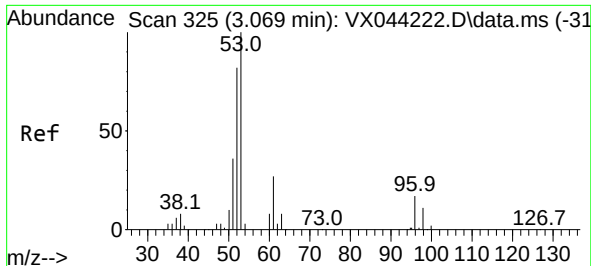
Tgt Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

55 11.7 56.6 84.8#

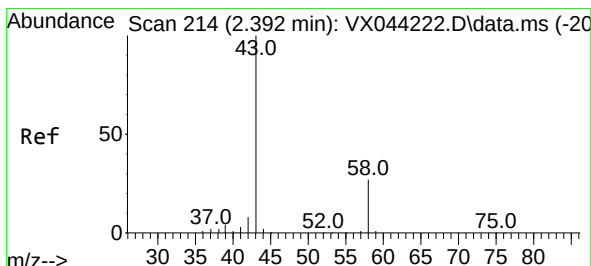
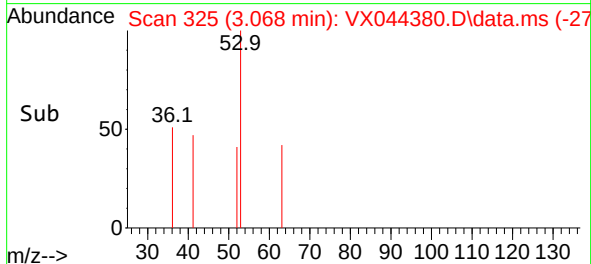
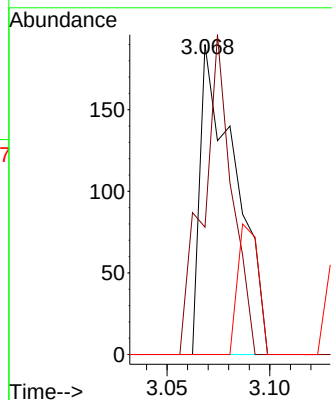
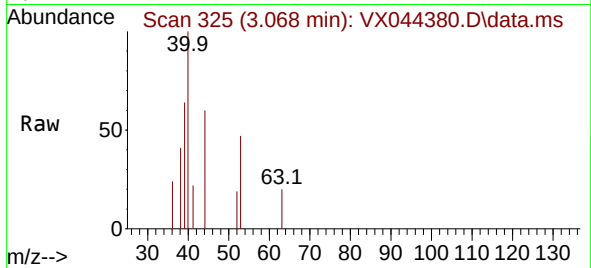




#15
Acrylonitrile
Concen: 0.286 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

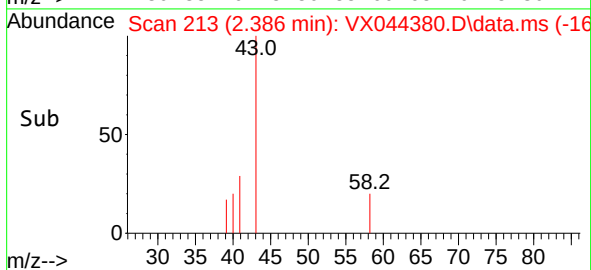
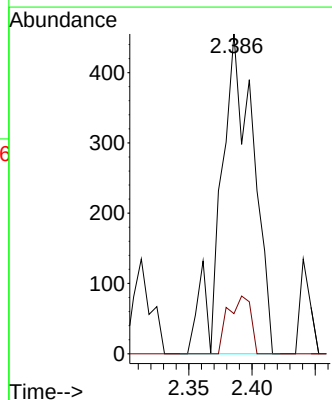
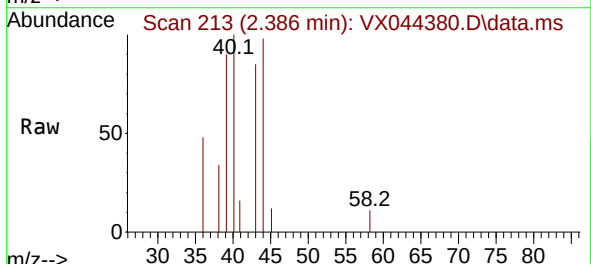
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

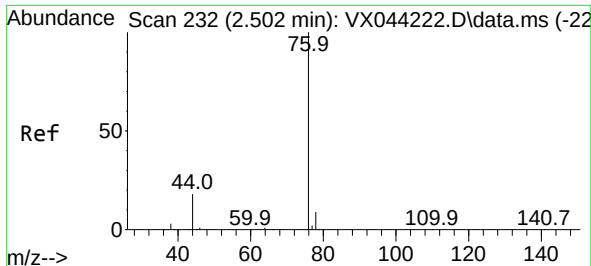
Tgt Ion: 53 Resp: 226
Ion Ratio Lower Upper
53 100
52 85.4 67.4 101.0
51 24.8 30.3 45.5#



#16
Acetone
Concen: 0.994 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 12.5 21.6 32.4#

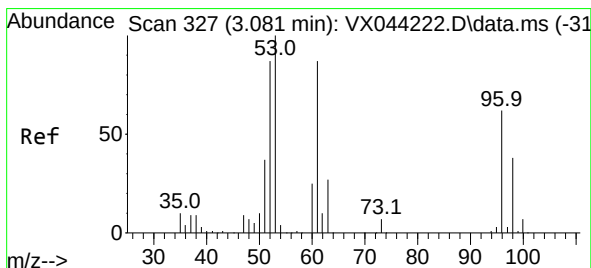
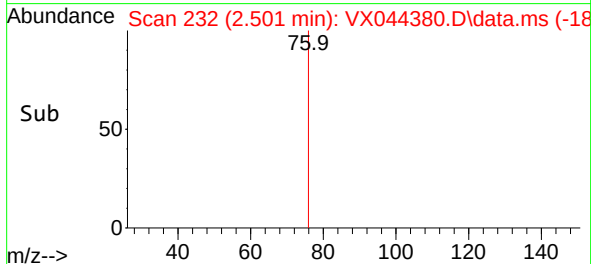
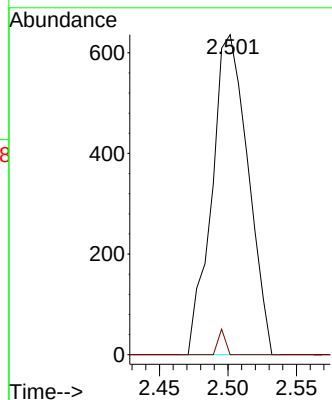
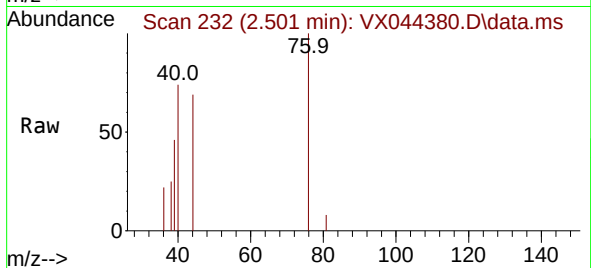




#17
Carbon Disulfide
Concen: 0.475 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

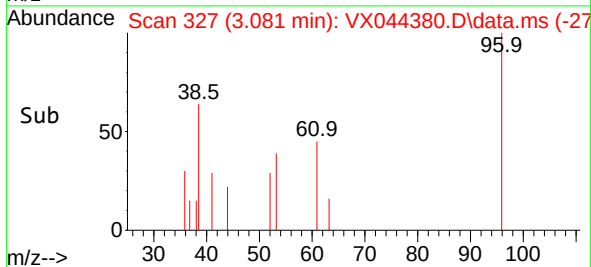
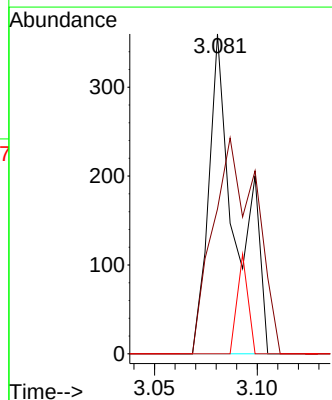
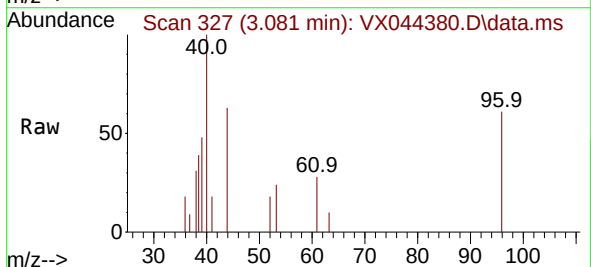
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

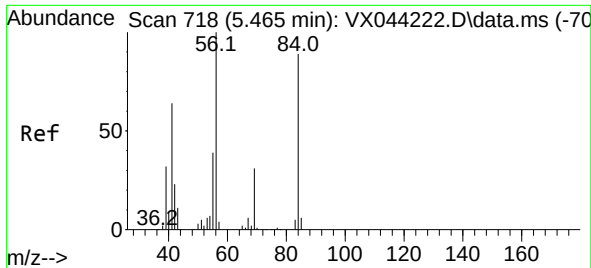
Tgt Ion: 76 Resp: 1167
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#21
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

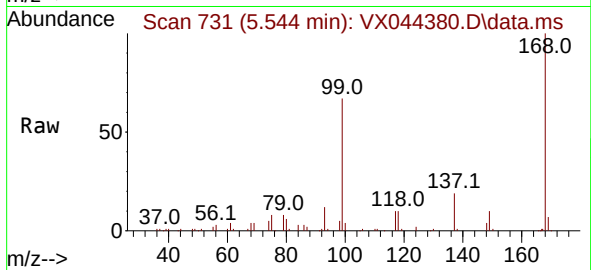
Tgt Ion: 96 Resp: 335
Ion Ratio Lower Upper
96 100
61 45.3 112.0 168.0#
98 0.0 48.8 73.2#



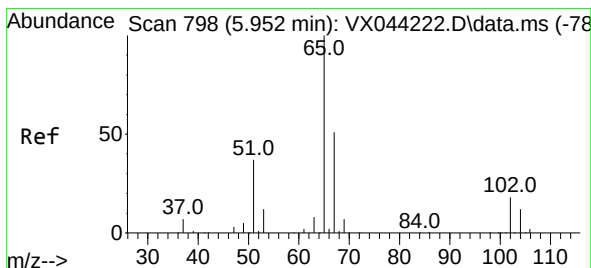
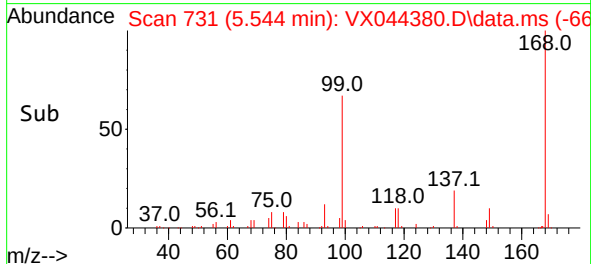
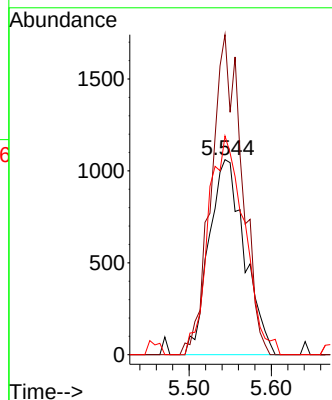


#31
Cyclohexane
Concen: 1.459 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

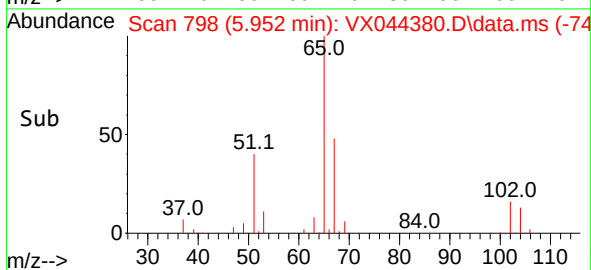
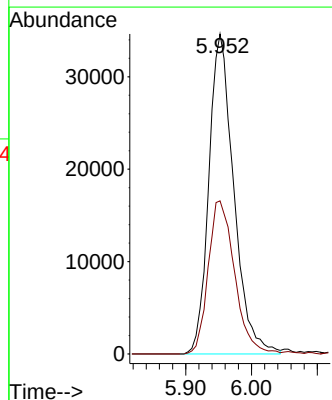
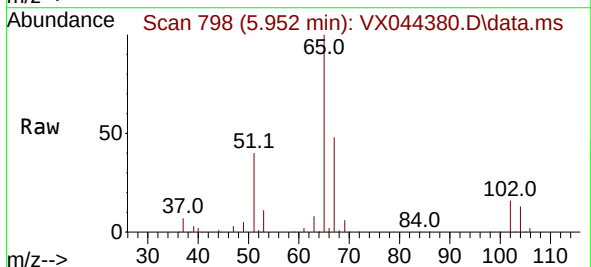


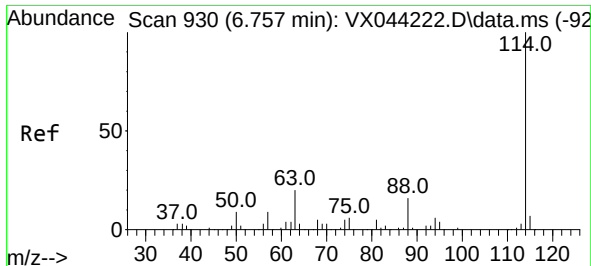
Tgt Ion: 56 Resp: 3186
Ion Ratio Lower Upper
56 100
69 164.1 24.7 37.1#
84 112.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.067 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion: 65 Resp: 91204
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

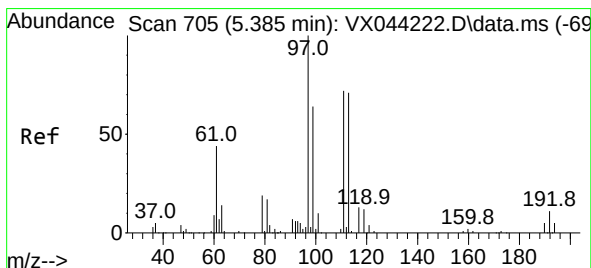
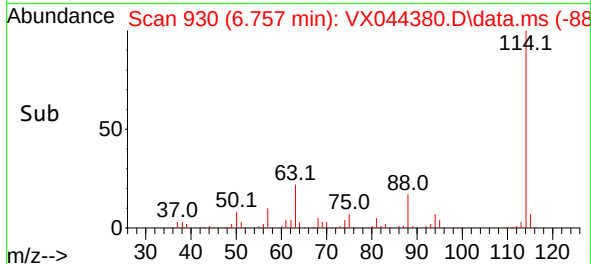
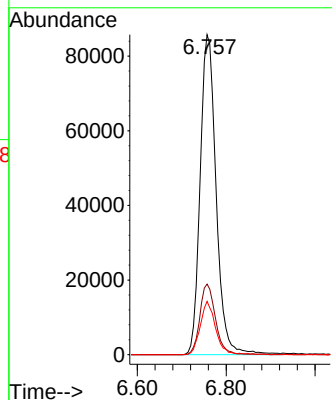
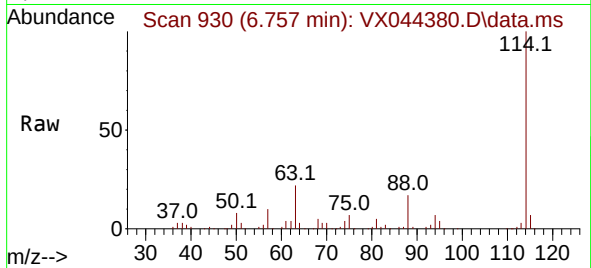




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

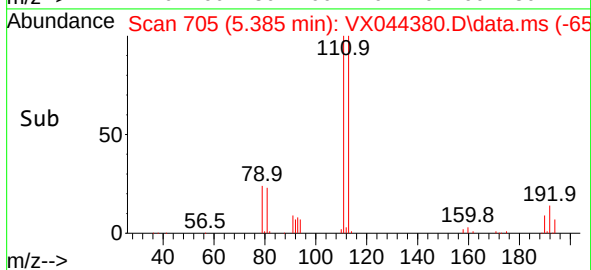
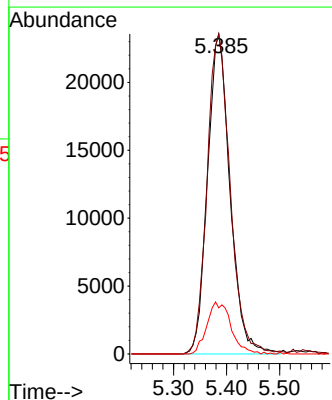
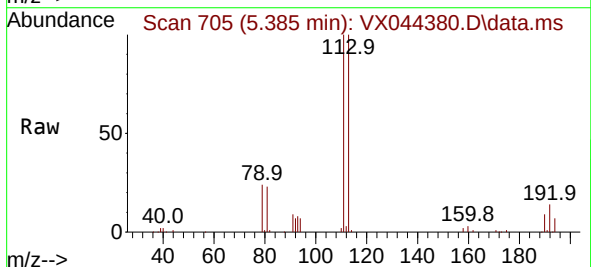
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

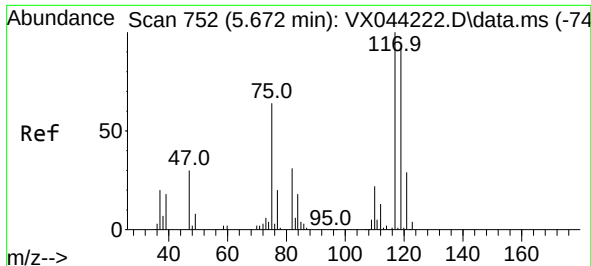
Tgt Ion:114 Resp: 214947
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.6
88 16.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.668 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

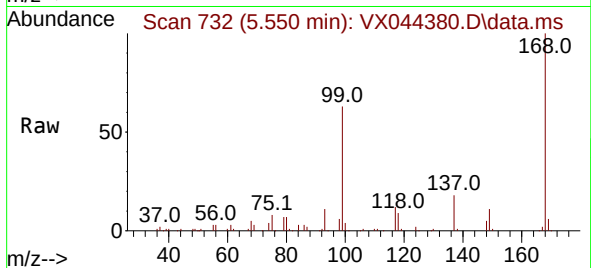
Tgt Ion:113 Resp: 69475
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 17.4 13.3 19.9



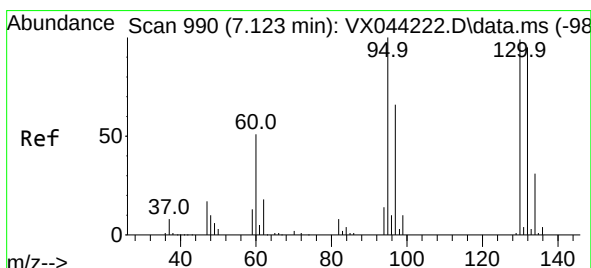
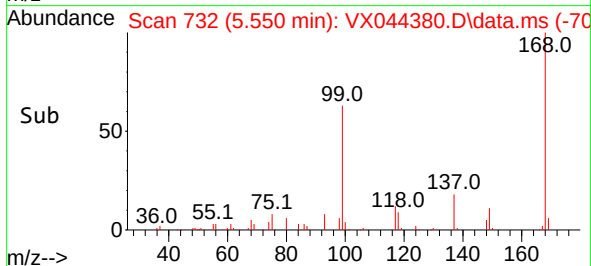
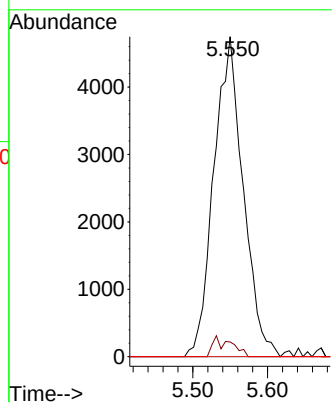


#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.122 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

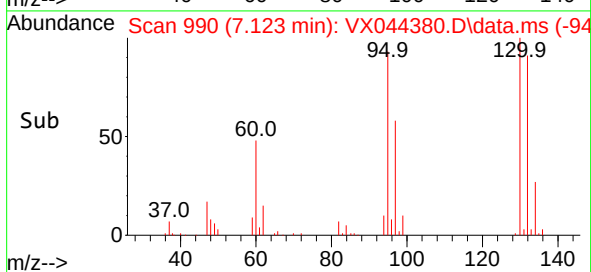
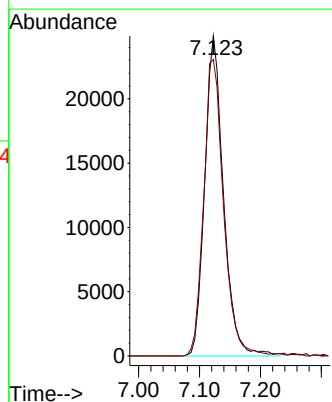
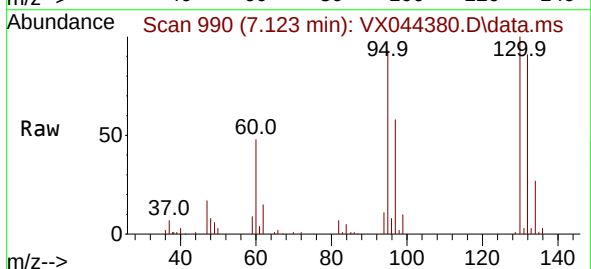


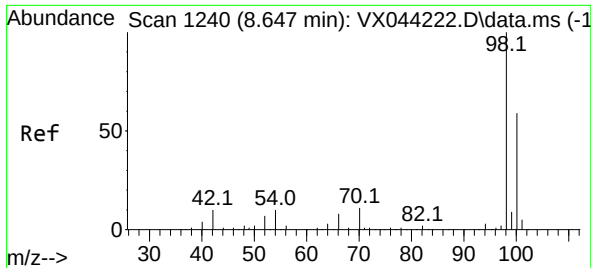
Tgt Ion:117 Resp: 12964
Ion Ratio Lower Upper
117 100
119 4.6 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 36.703 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion:130 Resp: 53476
Ion Ratio Lower Upper
130 100
95 92.7 0.0 201.4

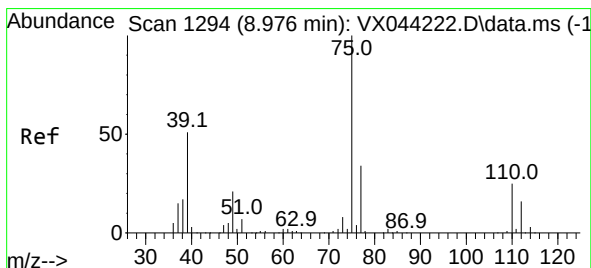
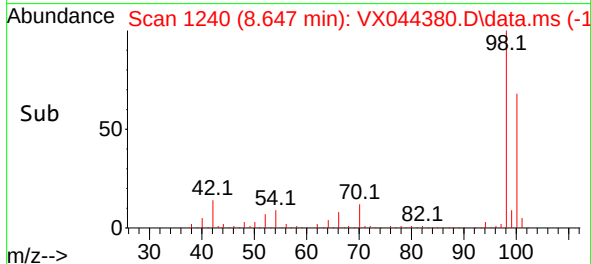
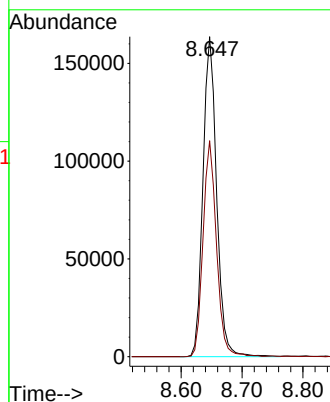
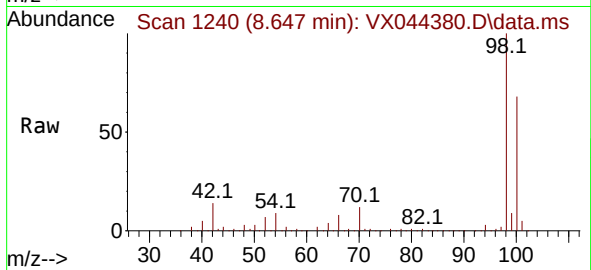




#50
Toluene-d8
Concen: 50.748 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

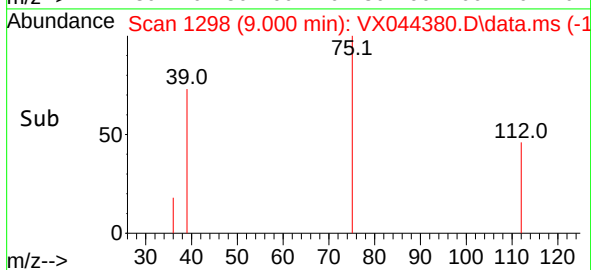
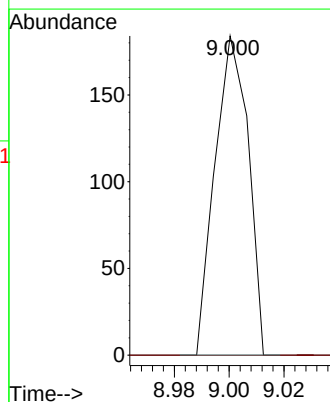
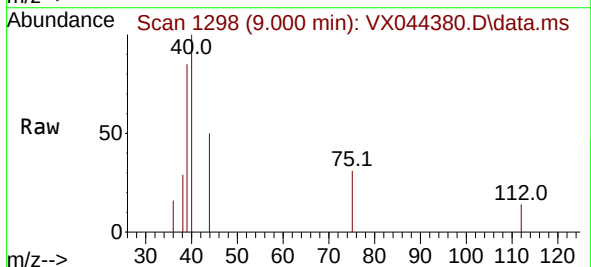
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

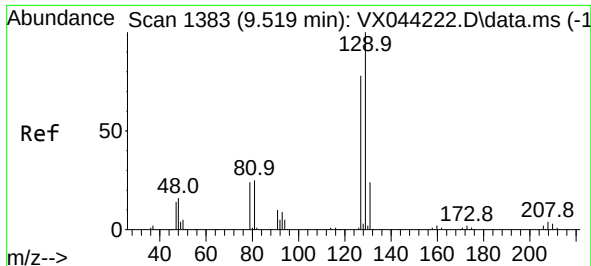
Tgt Ion: 98 Resp: 254881
Ion Ratio Lower Upper
98 100
100 66.4 51.5 77.3



#53
t-1,3-Dichloropropene
Concen: 1.070 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.024 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion: 75 Resp: 155
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#

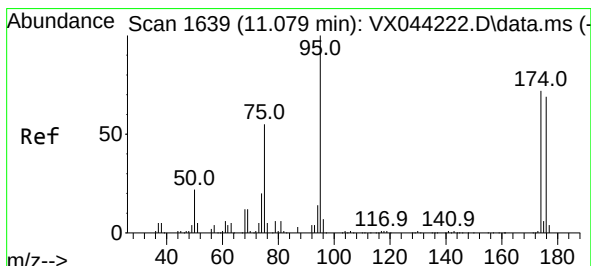
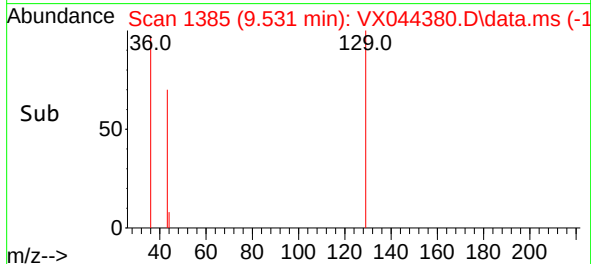
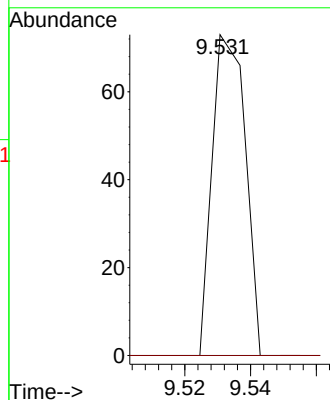
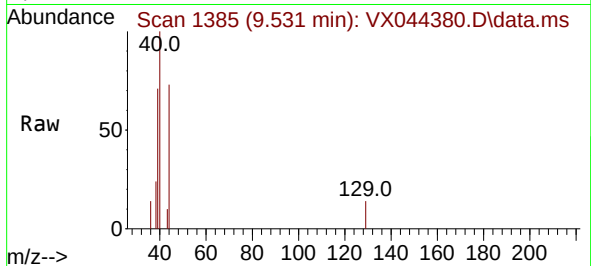




#60
Dibromochloromethane
Concen: 1.265 ug/l
RT: 9.531 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

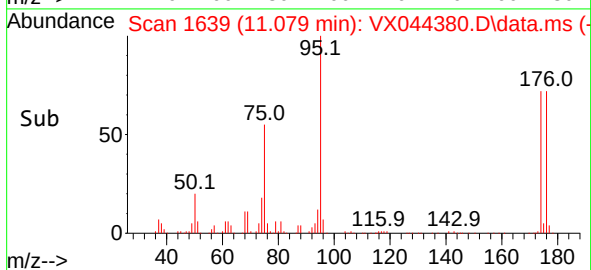
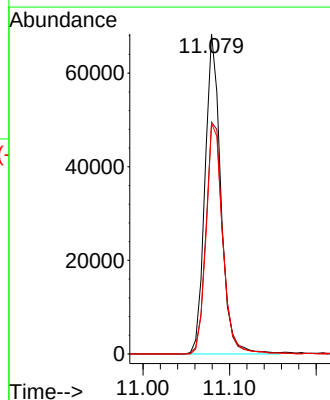
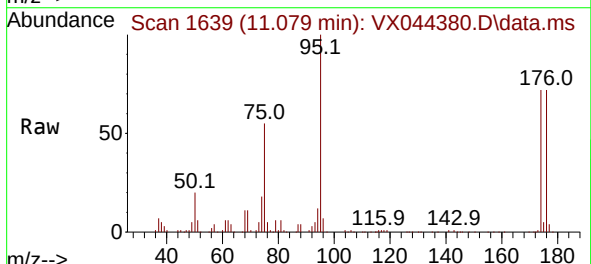
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

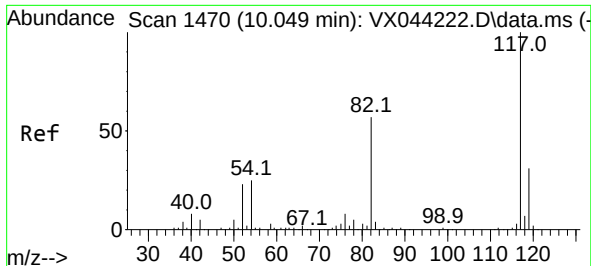
Tgt Ion:129 Resp: 51
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion: 95 Resp: 86672
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.8
176 75.5 0.0 137.8

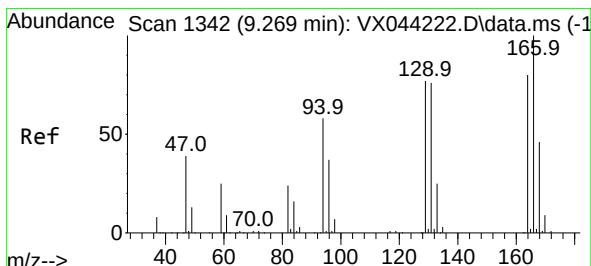
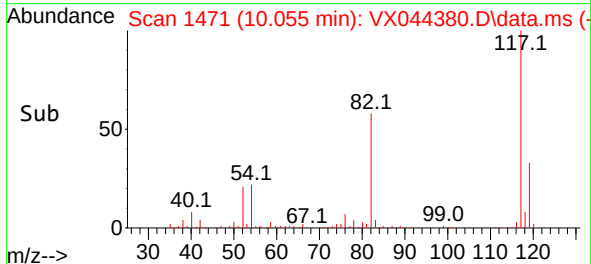
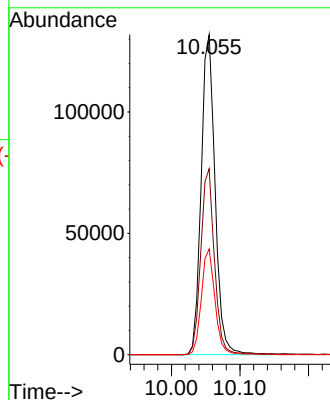
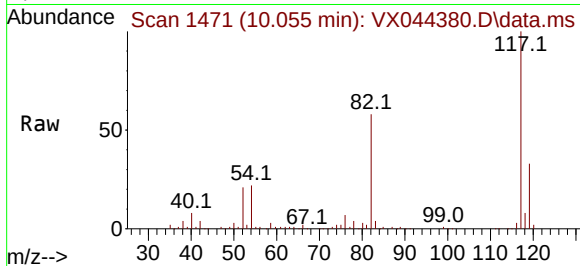




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

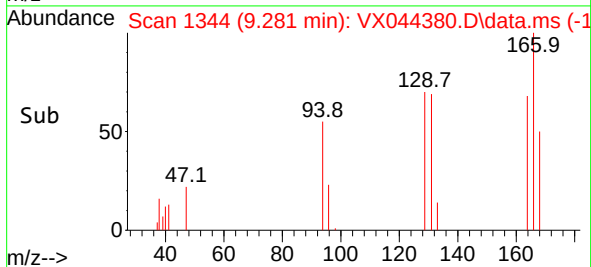
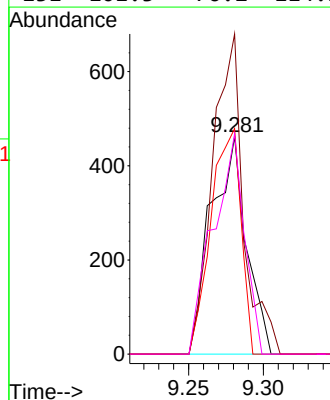
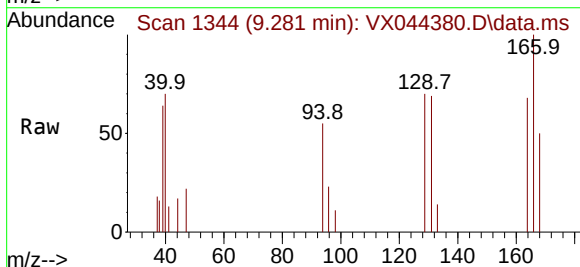
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

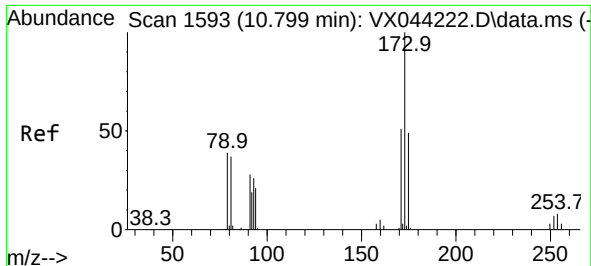
Tgt Ion:117 Resp: 186995
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.8
119 33.1 25.0 37.4



#64
Tetrachloroethene
Concen: 0.606 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion:164 Resp: 752
Ion Ratio Lower Upper
164 100
166 147.2 100.4 150.6
129 103.7 77.2 115.8
131 101.3 76.2 114.2

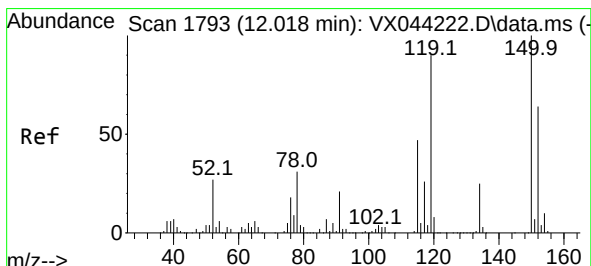
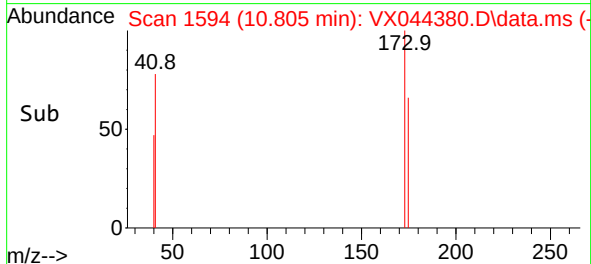
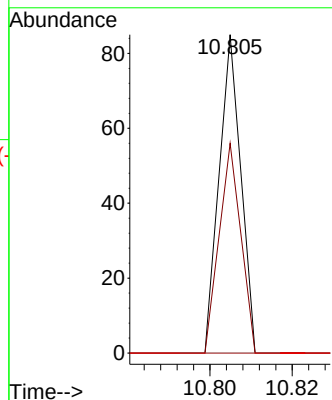
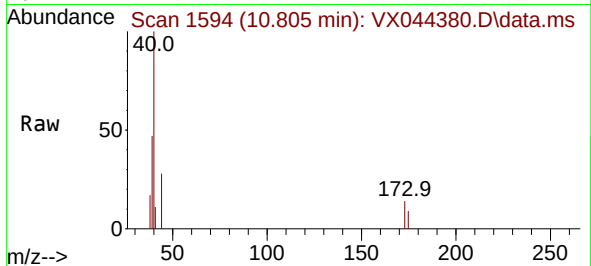




#71
Bromoform
Concen: 1.267 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

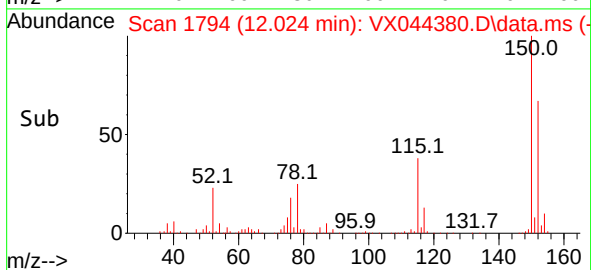
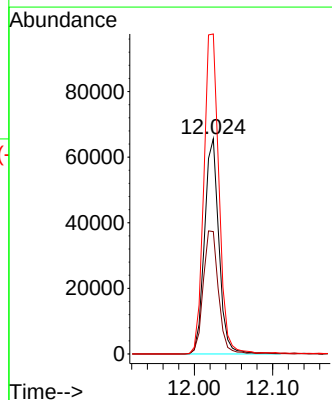
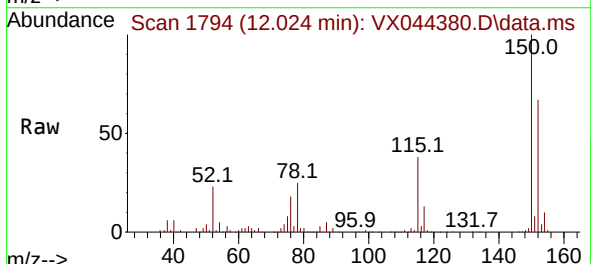
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

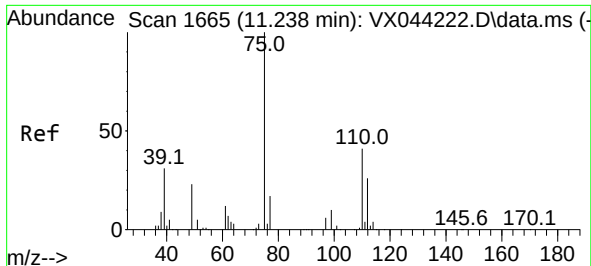
Tgt Ion:173 Resp: 31
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion:152 Resp: 83897
Ion Ratio Lower Upper
152 100
115 60.6 44.5 133.3
150 155.4 0.0 353.8

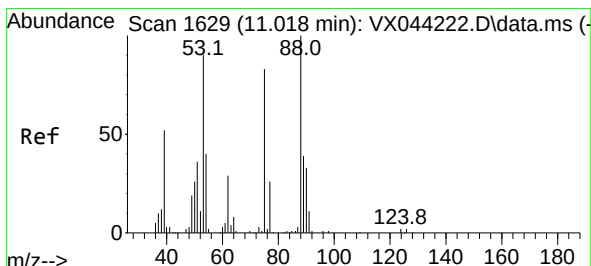
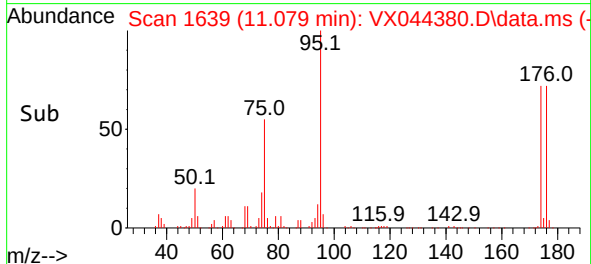
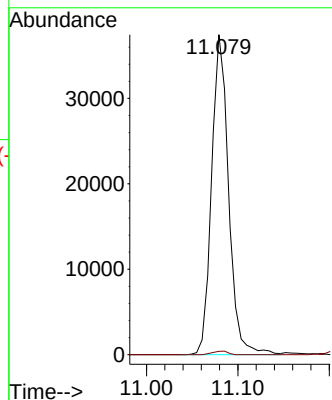
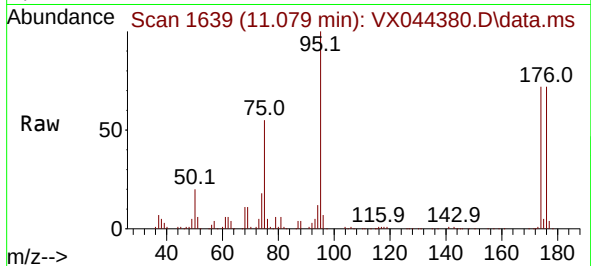




#76
1,2,3-Trichloropropane
Concen: 25.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

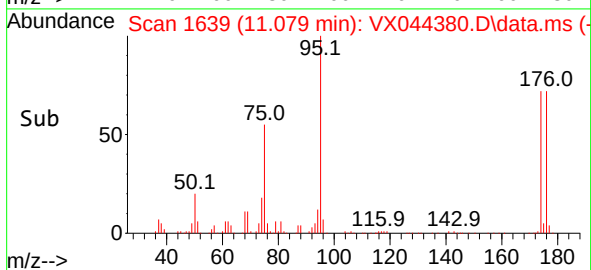
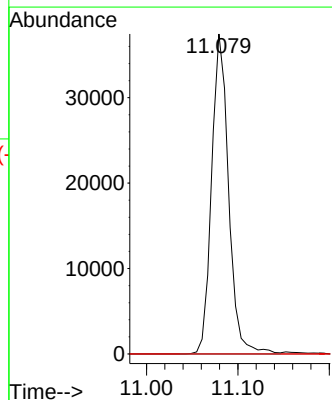
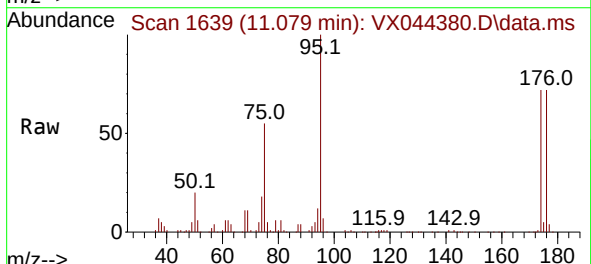
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

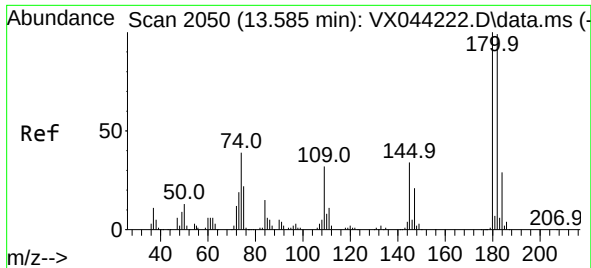
Tgt Ion: 75 Resp: 48276
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

Tgt Ion: 75 Resp: 48276
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

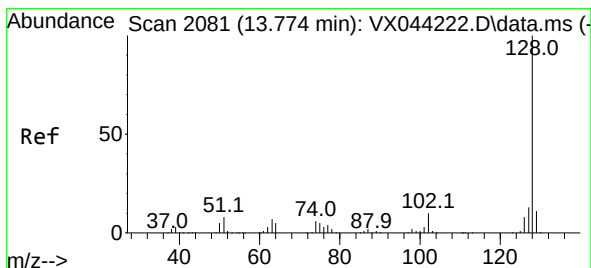
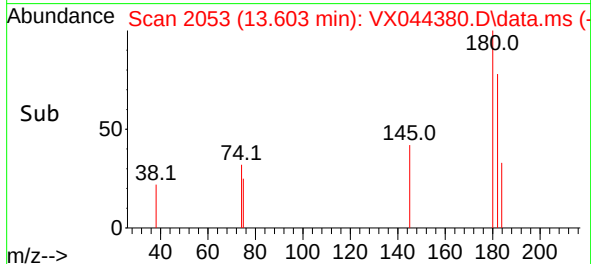
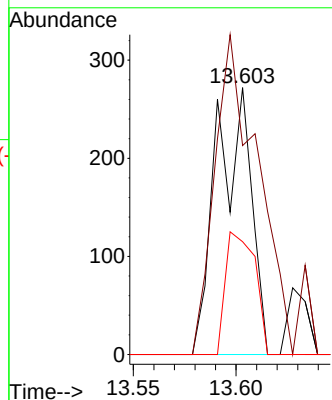
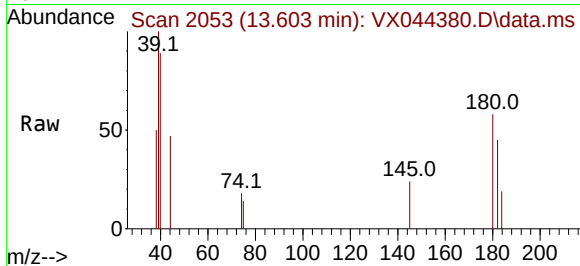




#93
1,2,4-Trichlorobenzene
Concen: 0.206 ug/l
RT: 13.603 min Scan# 2050
Delta R.T. 0.018 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

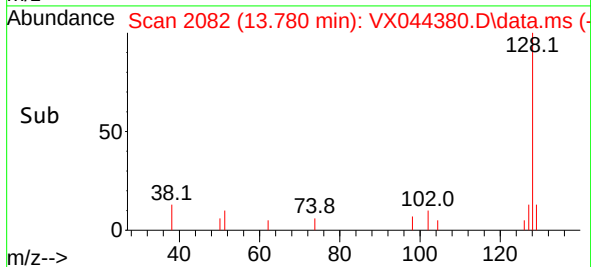
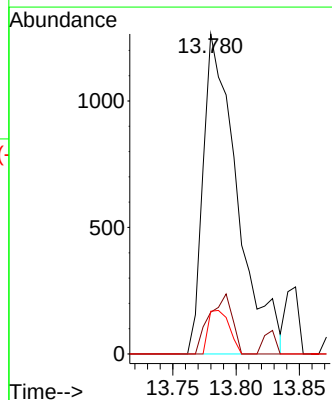
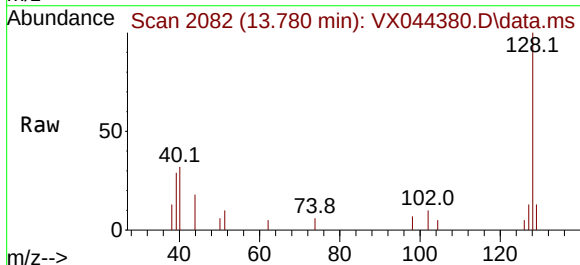
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210DL

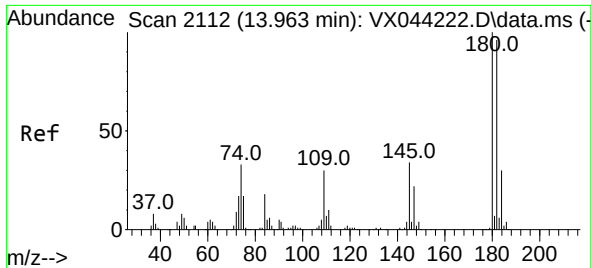
Tgt Ion:180 Resp: 319
Ion Ratio Lower Upper
180 100
182 158.9 48.0 144.2#
145 38.9 16.6 49.7



#95
Naphthalene
Concen: 0.392 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044380.D
Acq: 18 Dec 2024 14:01

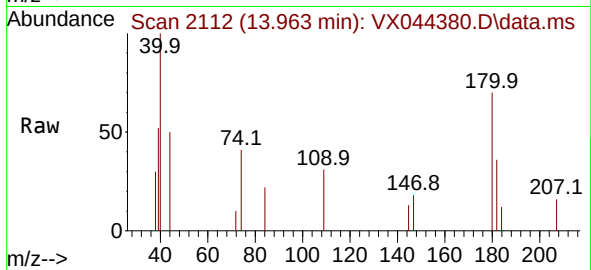
Tgt Ion:128 Resp: 2367
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 8.4 9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.310 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX044380.D
 Acq: 18 Dec 2024 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20241210DL



Tgt Ion:	180	Resp:	510
Ion	Ratio	Lower	Upper
180	100		
182	79.4	48.0	144.0
145	28.8	17.7	53.1

