

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038780.D
 Acq On : 13 Nov 2023 14:45
 Operator : JC/MD
 Sample : 05358-02DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20231108DL

Quant Time: Nov 14 05:32:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

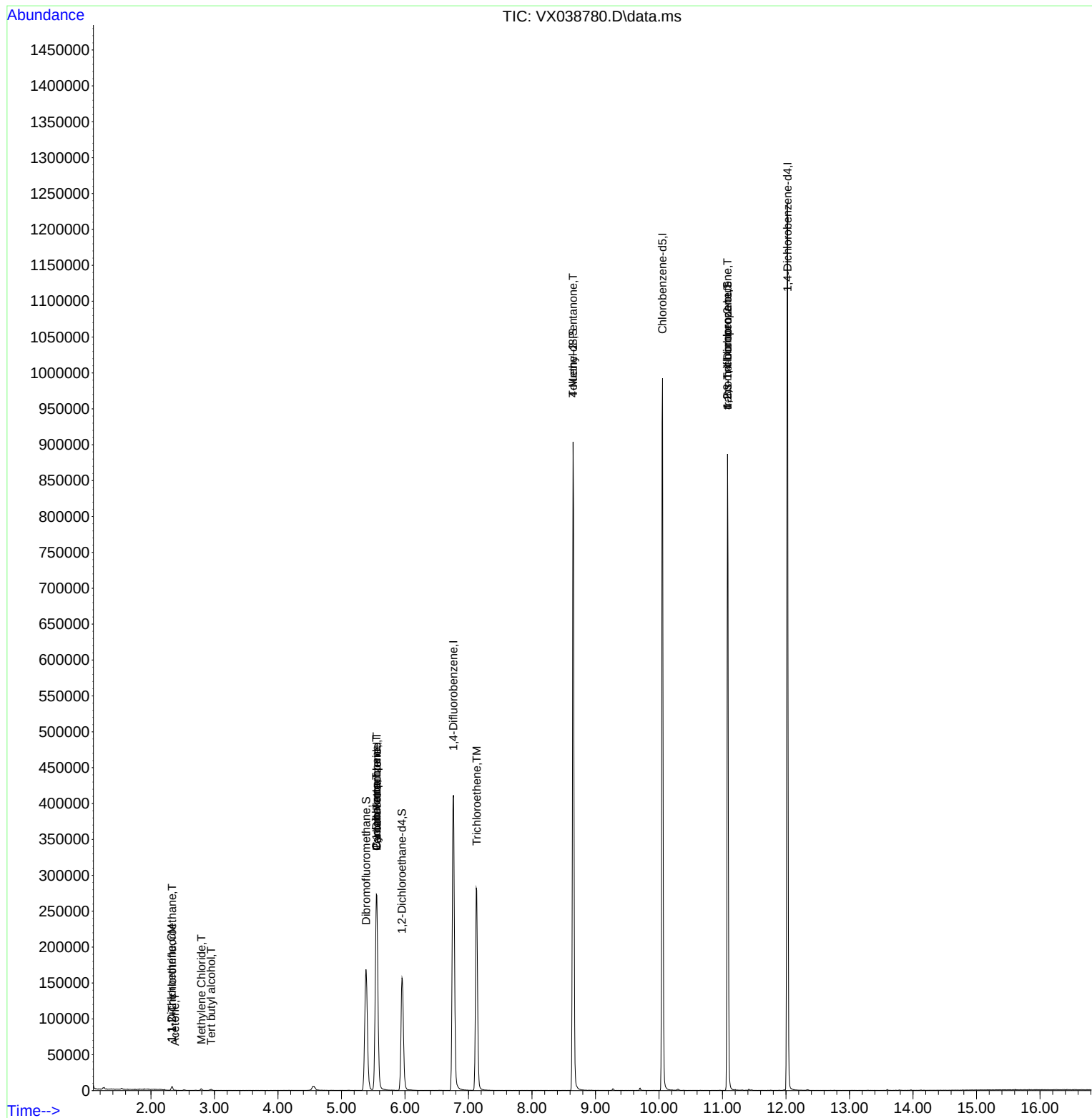
Internal Standards						
1) Pentafluorobenzene	5.556	168	291274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	480721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	294366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157176	43.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.680%
35) Dibromofluoromethane	5.385	113	155191	44.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.640%
50) Toluene-d8	8.647	98	574889	46.401	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.079	95	244537	50.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1882	0.663	ug/l	# 84
11) Tert butyl alcohol	2.947	59	1037	1.399	ug/l	# 78
12) 1,1-Dichloroethene	2.325	96	600	0.221	ug/l	90
16) Acetone	2.380	43	554	0.363	ug/l	# 89
20) Methylene Chloride	2.794	84	1481	0.481	ug/l	# 67
31) Cyclohexane	5.550	56	4116	1.026	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18337	4.264	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	26617	5.536	ug/l	# 15
44) Trichloroethene	7.129	130	121320	31.477	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1699	0.386	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	113429	19.456	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	113429	59.643	ug/l	# 5

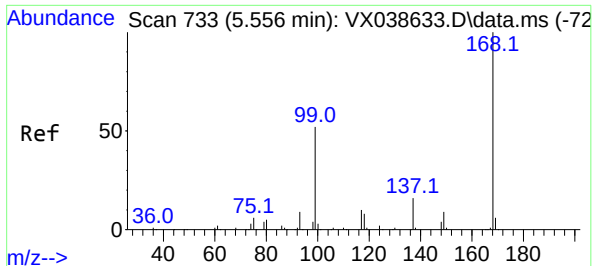
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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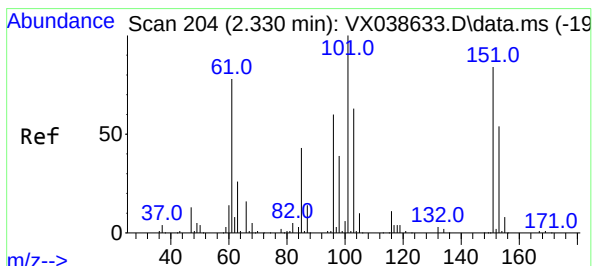
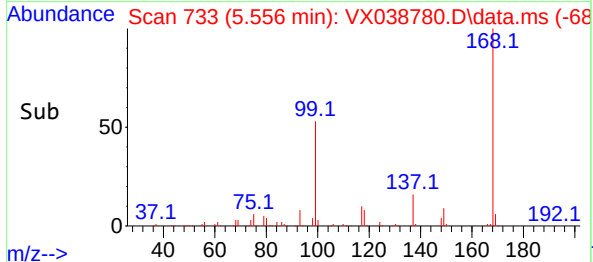
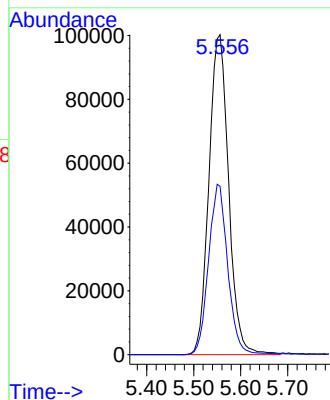
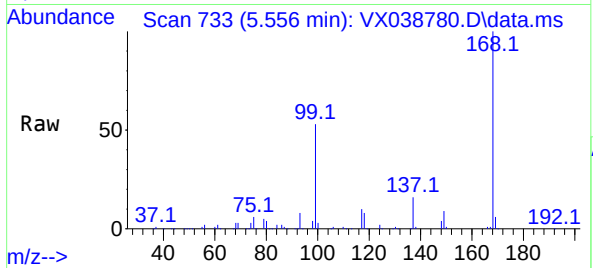




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

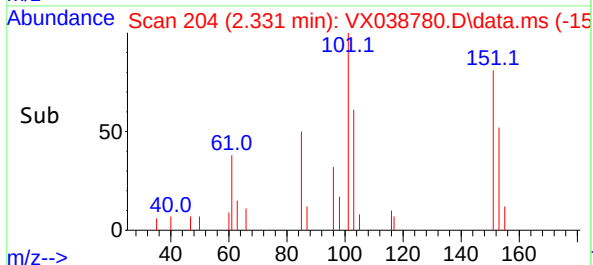
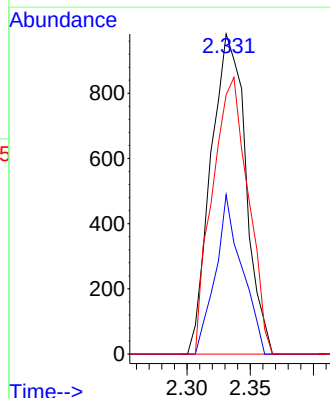
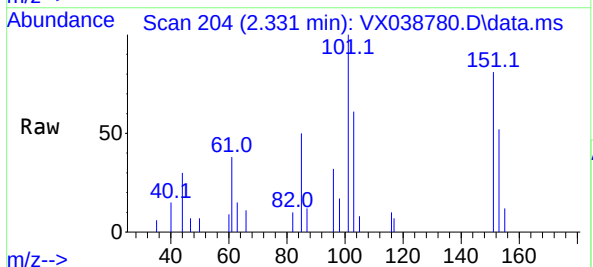
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

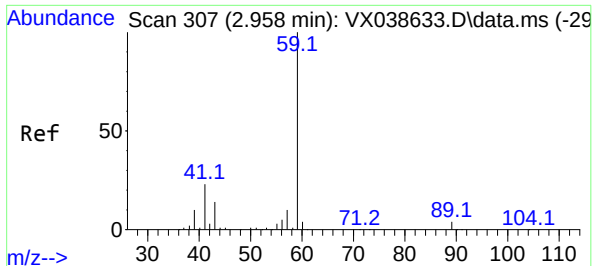
Tgt Ion:168 Resp: 291274
Ion Ratio Lower Upper
168 100
99 52.6 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.663 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Tgt Ion:101 Resp: 1882
Ion Ratio Lower Upper
101 100
85 38.0 37.0 55.6
151 88.8 58.6 87.8#





#11

Tert butyl alcohol

Concen: 1.399 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038780.D

Acq: 13 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

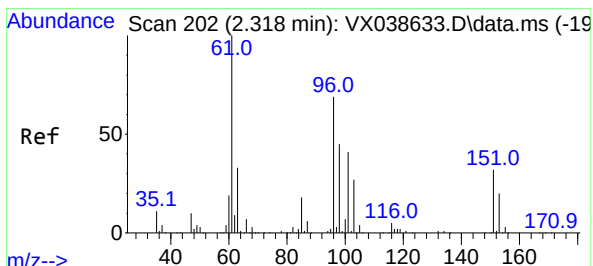
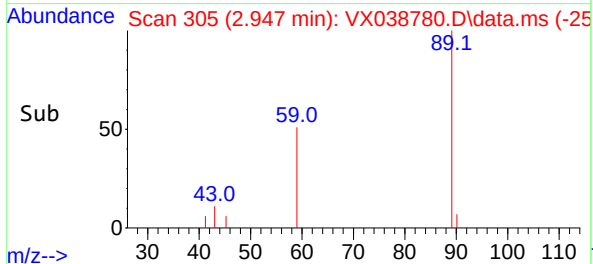
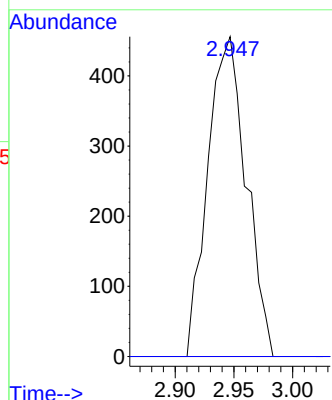
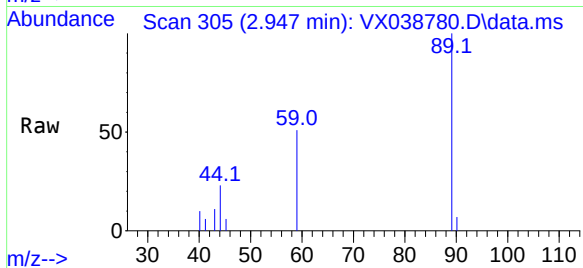
RE132D6-20231108DL

Tgt Ion: 59 Resp: 1037

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.221 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX038780.D

Acq: 13 Nov 2023 14:45

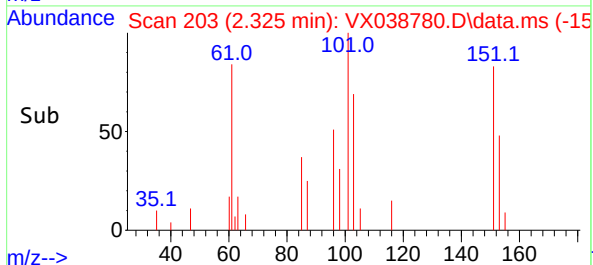
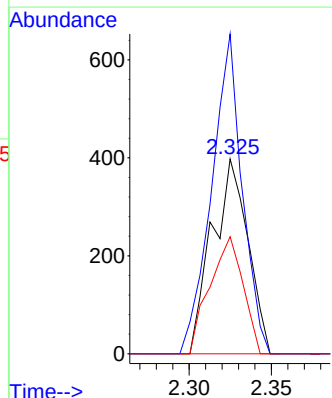
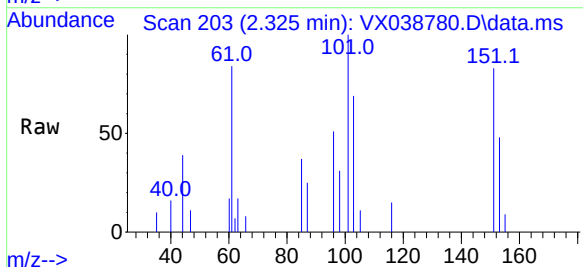
Tgt Ion: 96 Resp: 600

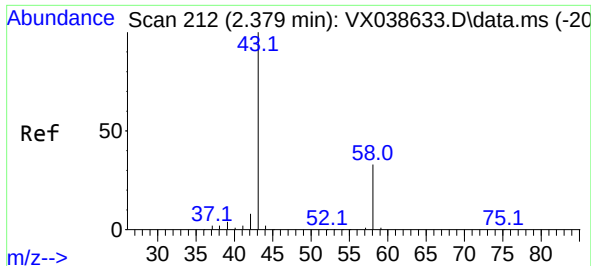
Ion Ratio Lower Upper

96 100

61 164.1 144.6 216.8

98 60.1 50.4 75.6

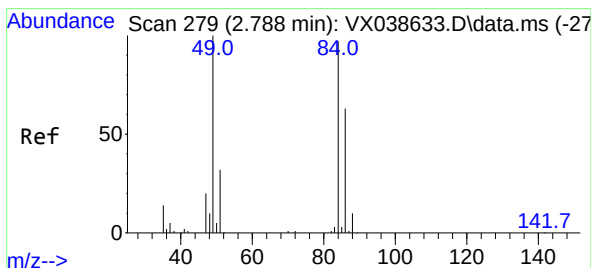
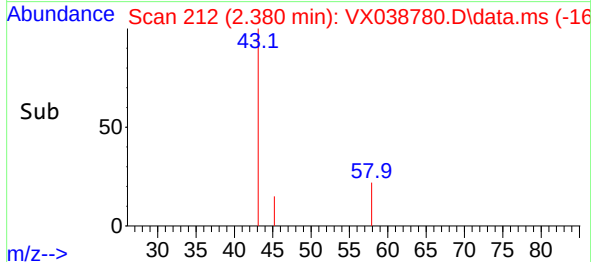
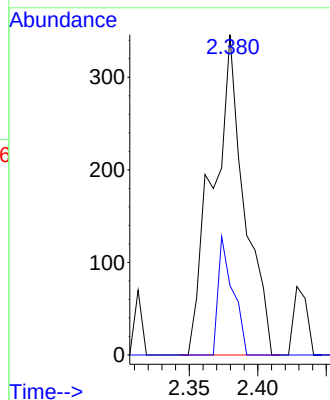
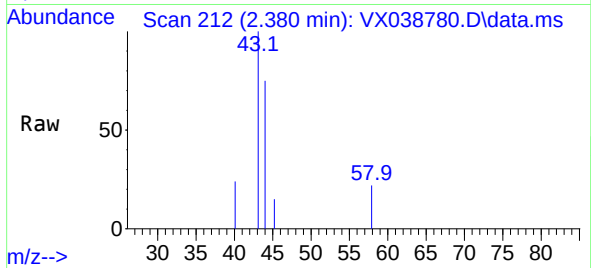




#16
Acetone
Concen: 0.363 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

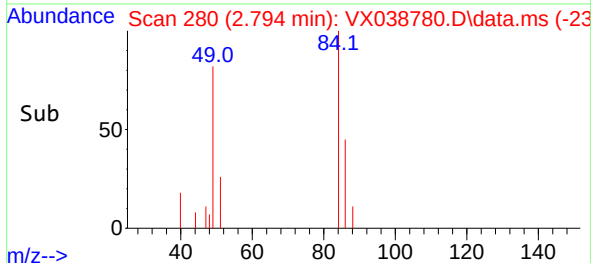
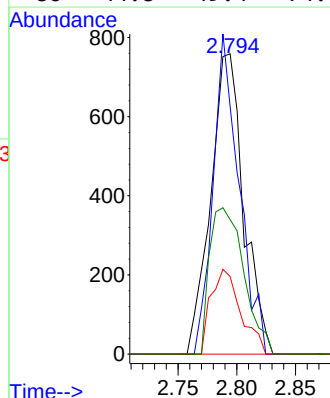
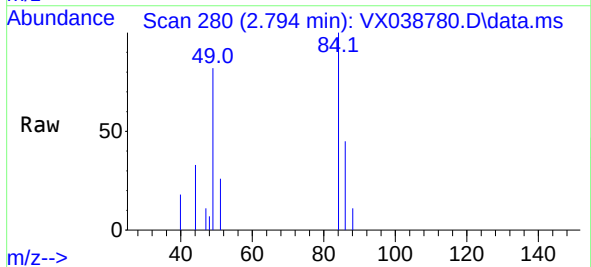
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

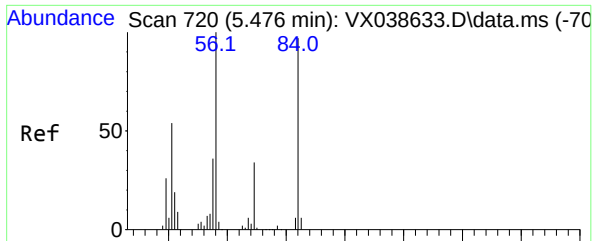
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 21.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.481 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.007 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

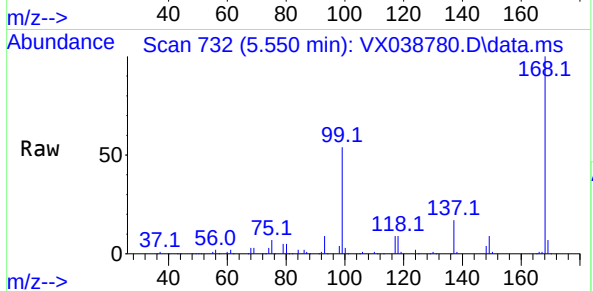
Tgt Ion: 84 Resp: 1481
Ion Ratio Lower Upper
84 100
49 82.5 103.6 155.4#
51 25.8 33.8 50.6#
86 44.8 49.4 74.0#



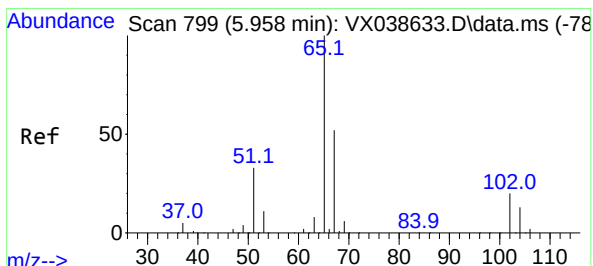
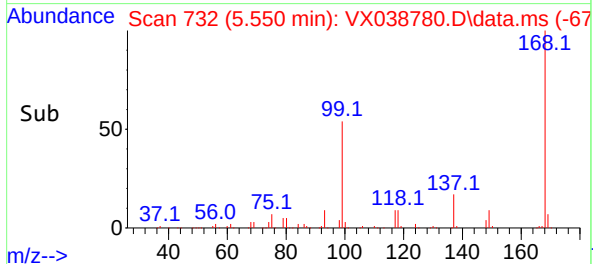
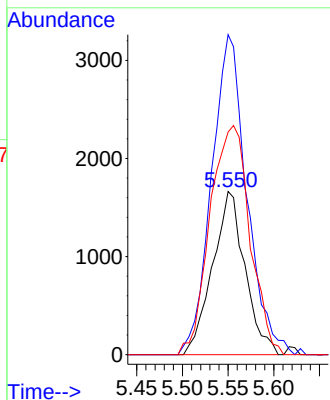


#31
Cyclohexane
Concen: 1.026 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

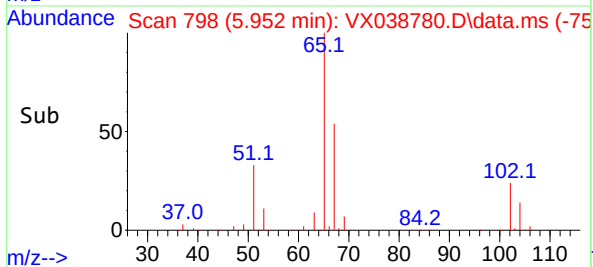
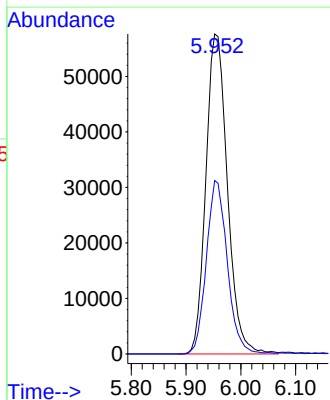
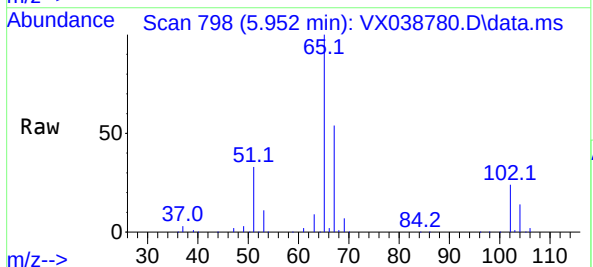


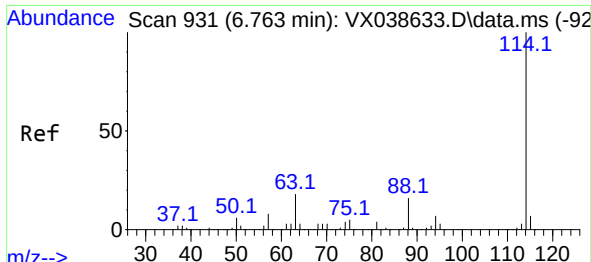
Tgt Ion: 56 Resp: 4116
Ion Ratio Lower Upper
56 100
69 196.0 23.4 35.2#
84 136.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.344 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Tgt Ion: 65 Resp: 157176
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

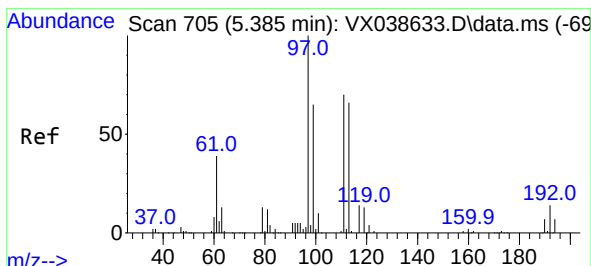
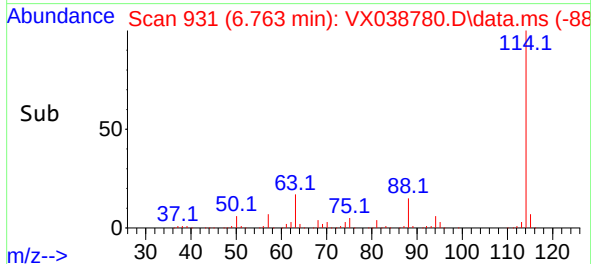
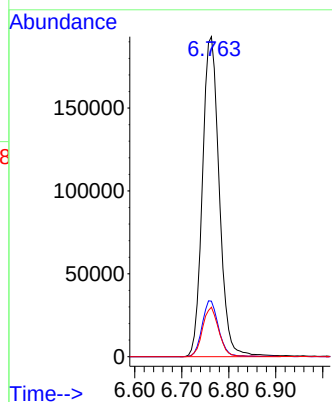
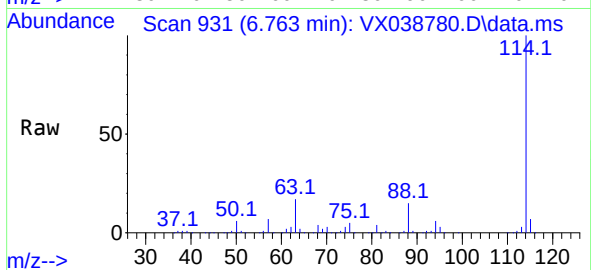




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

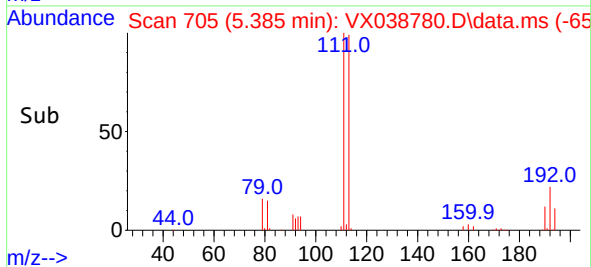
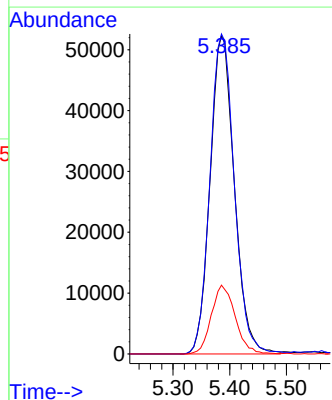
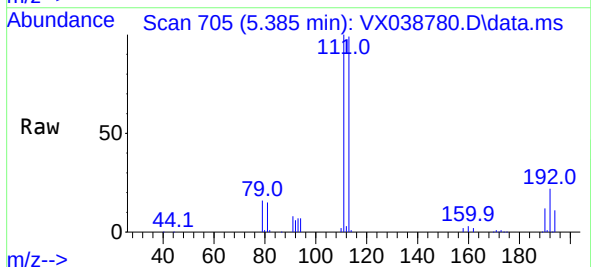
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

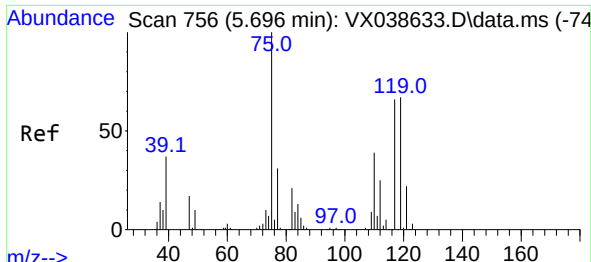
Tgt Ion:114 Resp: 480721
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Tgt Ion:113 Resp: 155191
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 21.3 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.264 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX038780.D

Acq: 13 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20231108DL

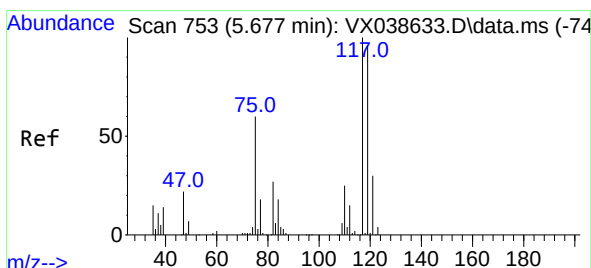
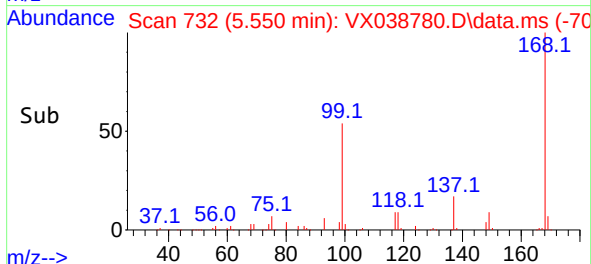
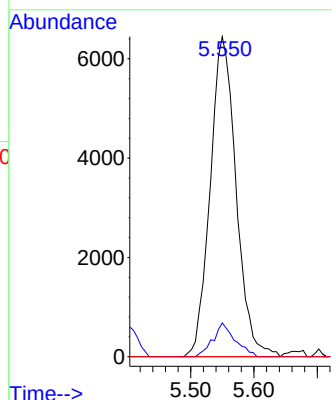
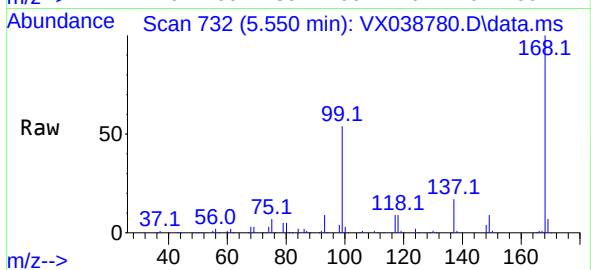
Tgt Ion: 75 Resp: 18337

Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.536 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX038780.D

Acq: 13 Nov 2023 14:45

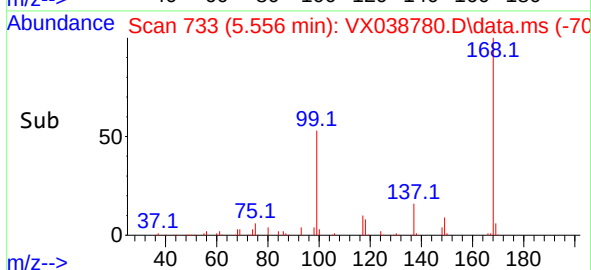
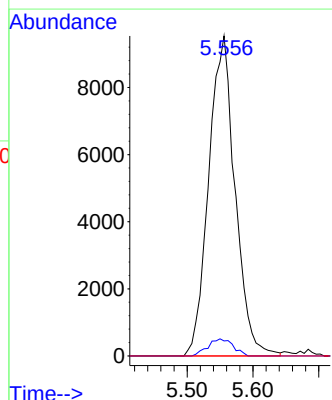
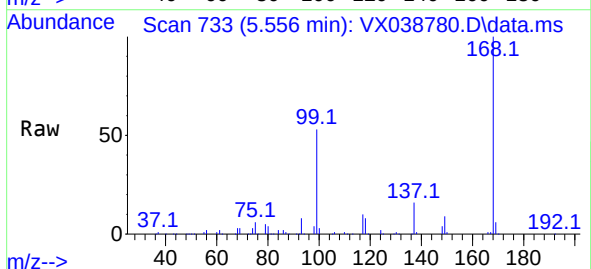
Tgt Ion:117 Resp: 26617

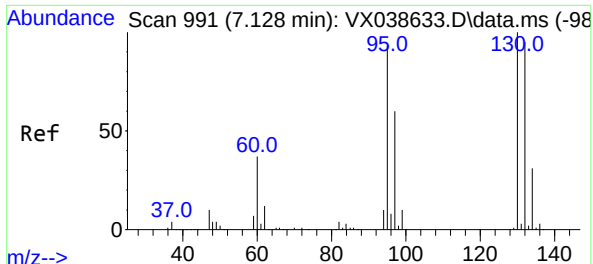
Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.2#

121 0.0 24.4 36.6#

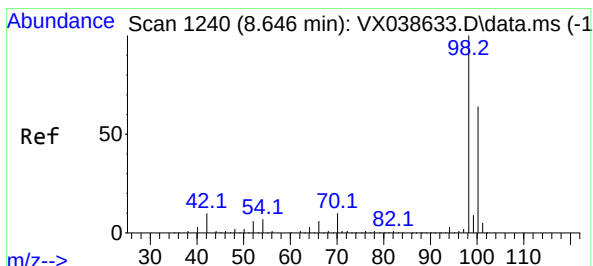
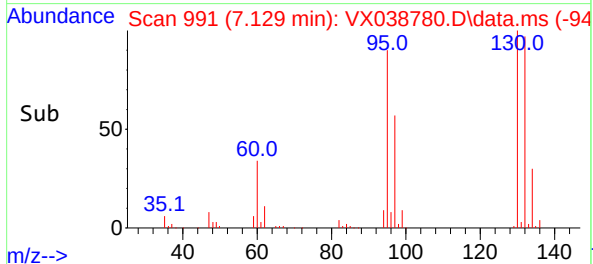
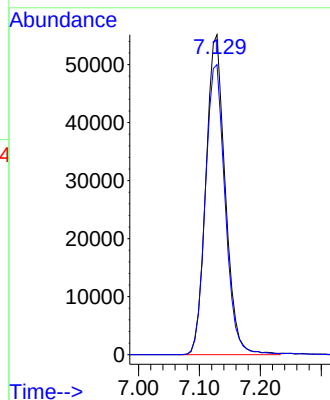
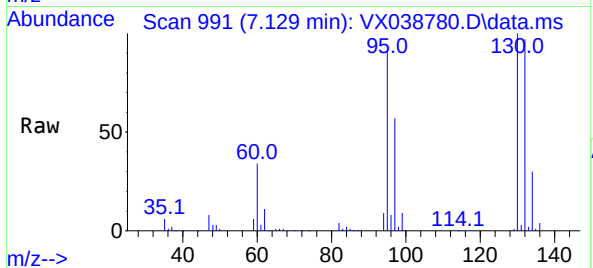




#44
Trichloroethene
Concen: 31.477 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

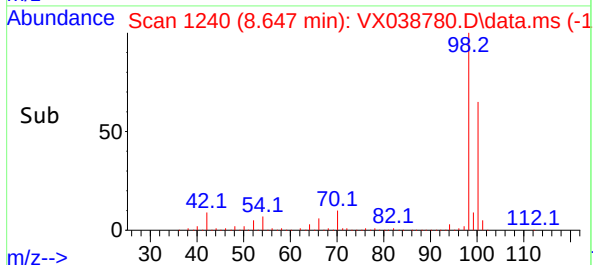
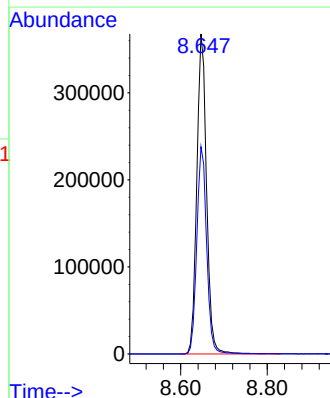
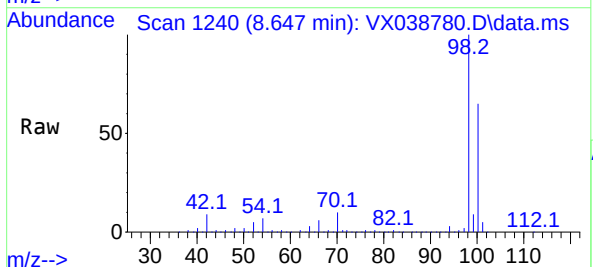
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

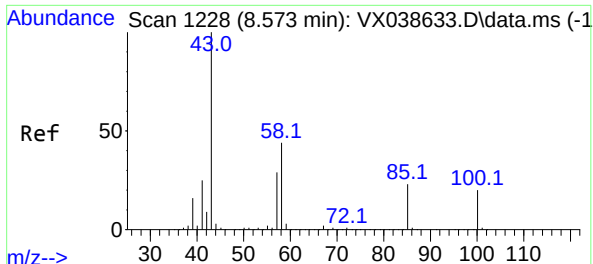
Tgt Ion:130 Resp: 121320
Ion Ratio Lower Upper
130 100
95 90.7 0.0 204.4



#50
Toluene-d8
Concen: 46.401 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Tgt Ion: 98 Resp: 574889
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

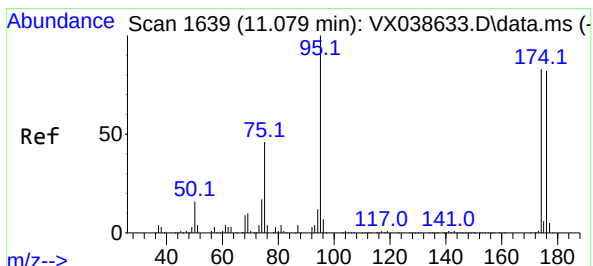
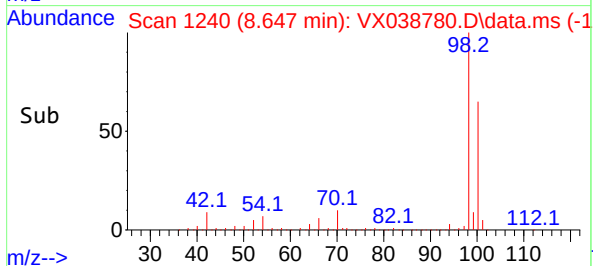
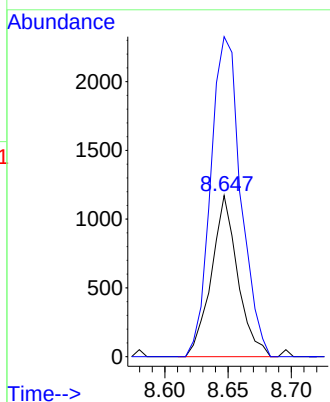
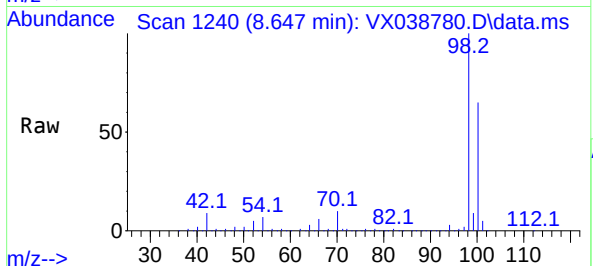




#51
4-Methyl-2-Pentanone
Concen: 0.386 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

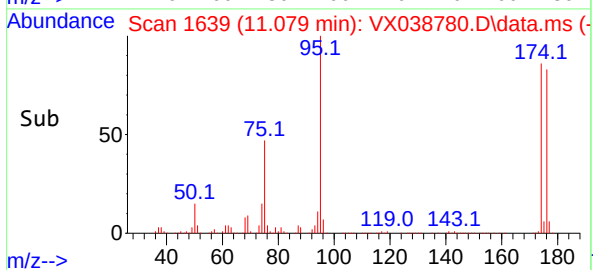
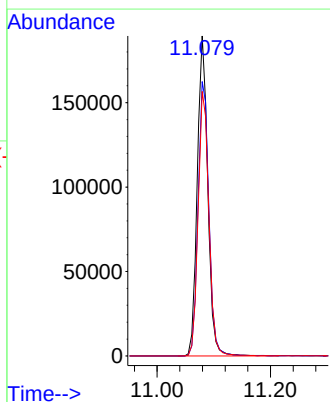
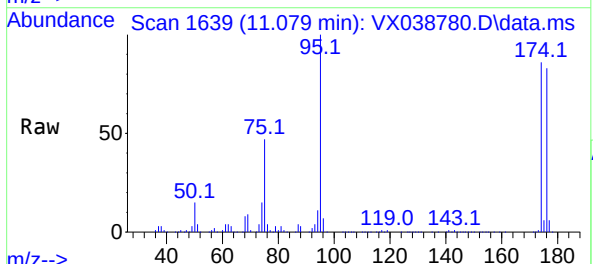
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

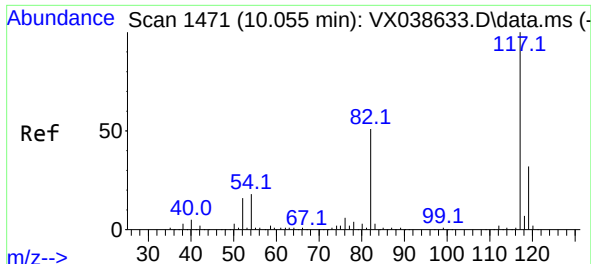
Tgt Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
58 227.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Tgt Ion: 95 Resp: 244537
Ion Ratio Lower Upper
95 100
174 88.1 0.0 135.6
176 84.4 0.0 131.0

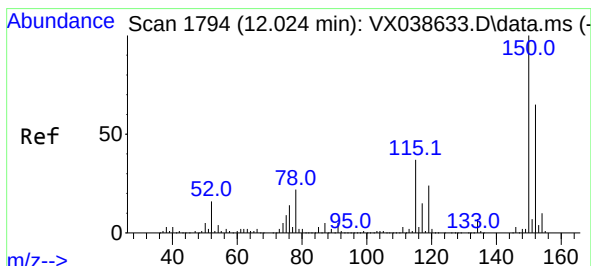
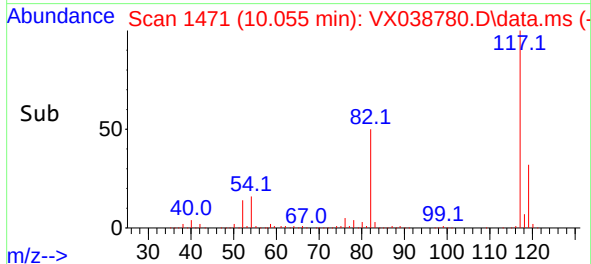
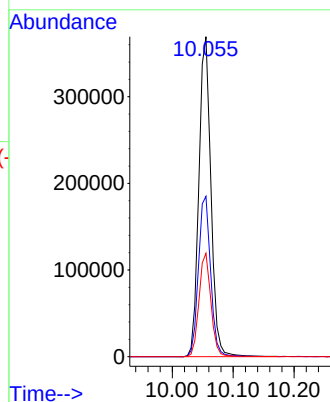
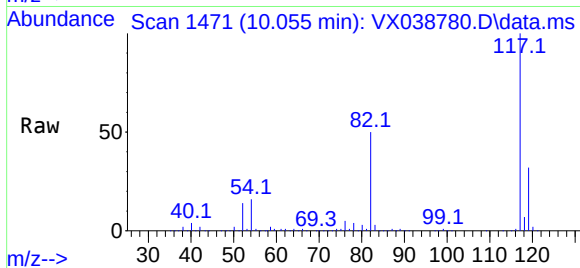




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

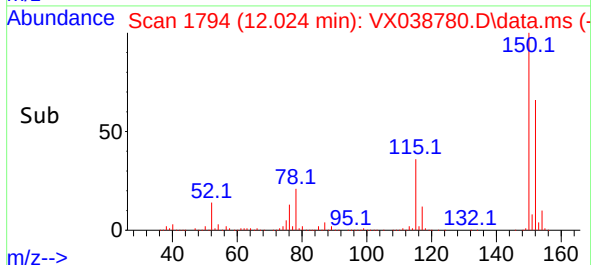
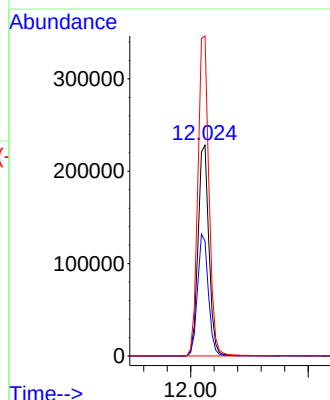
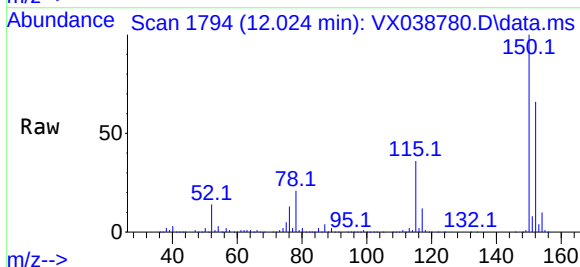
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

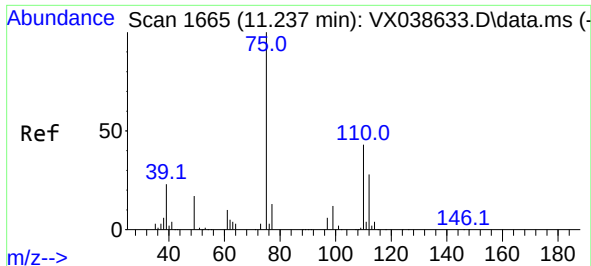
Tgt Ion:117 Resp: 506823
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Tgt Ion:152 Resp: 294366
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 154.6 0.0 345.0

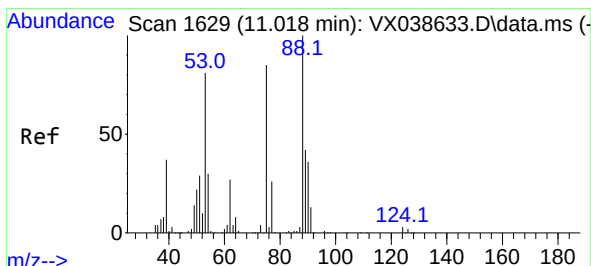
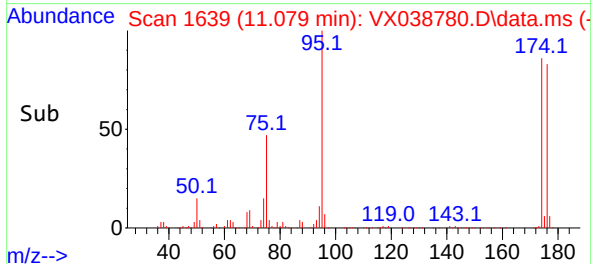
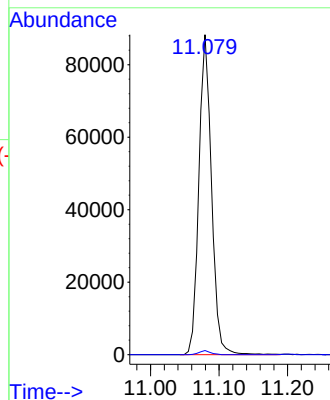
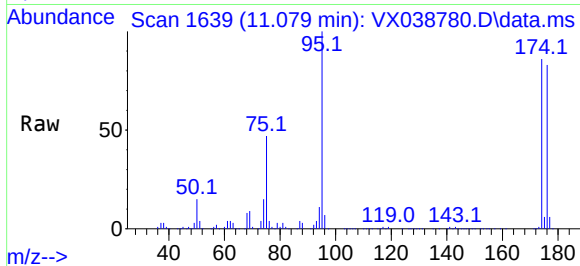




#76
1,2,3-Trichloropropane
Concen: 19.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108DL

Tgt Ion: 75 Resp: 113429
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038780.D
Acq: 13 Nov 2023 14:45

Tgt Ion: 75 Resp: 113429
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

