

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038797.D
 Acq On : 14 Nov 2023 11:43
 Operator : JC/MD
 Sample : VX1114WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 18:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

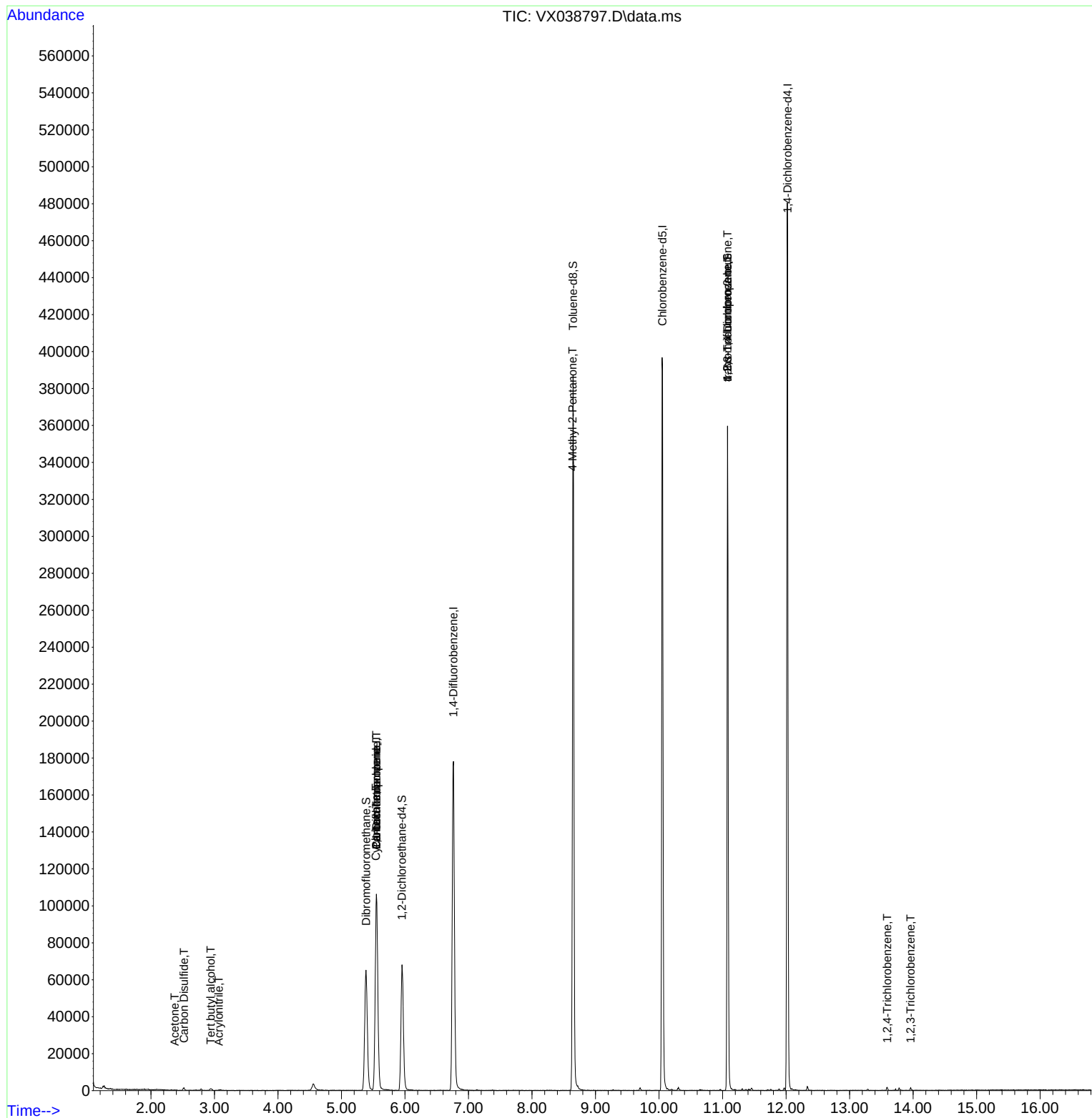
Internal Standards						
1) Pentafluorobenzene	5.550	168	101781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66363	45.831	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.660%
35) Dibromofluoromethane	5.385	113	60865	44.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.820%
50) Toluene-d8	8.647	98	236139	47.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.080%
62) 4-Bromofluorobenzene	11.079	95	107670	51.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	707	1.911	ug/l #	78
15) Acrylonitrile	3.069	53	163	0.202	ug/l #	80
16) Acetone	2.374	43	224	0.289	ug/l #	47
17) Carbon Disulfide	2.520	76	1360	0.429	ug/l	95
31) Cyclohexane	5.544	56	1914	0.971	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7742	4.063	ug/l #	48
38) Carbon Tetrachloride	5.550	117	10945	6.214	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	992	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49262	22.178	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49262	63.728	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	585	0.277	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	477	0.230	ug/l	82

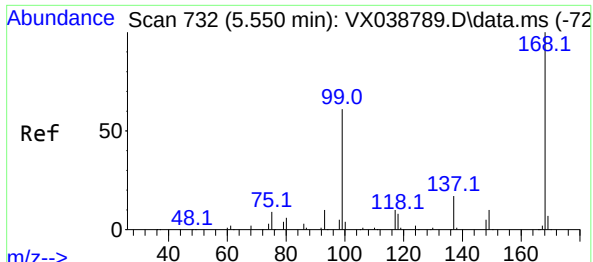
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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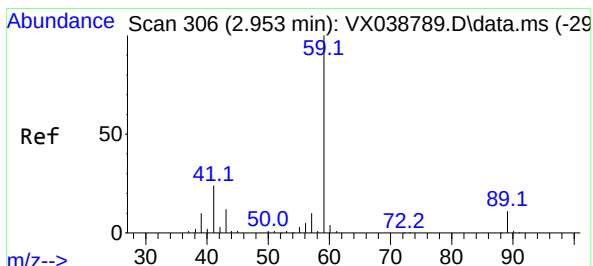
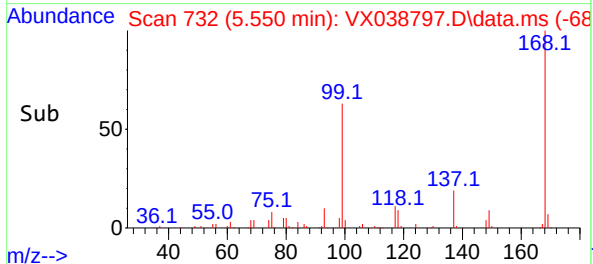
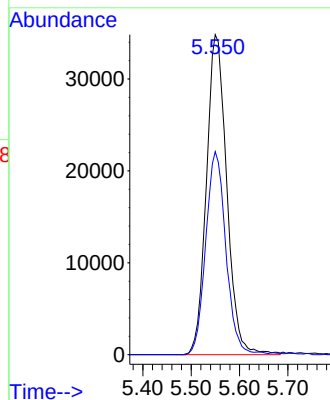
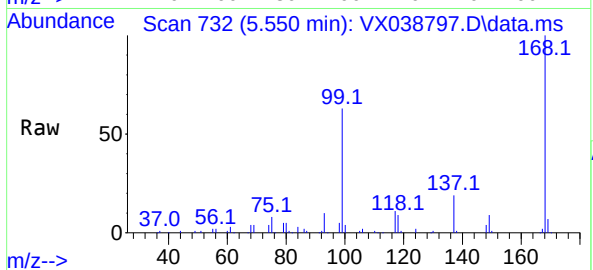




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

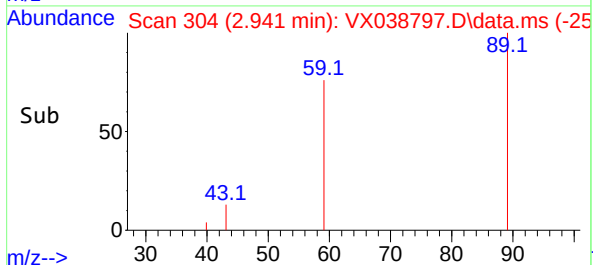
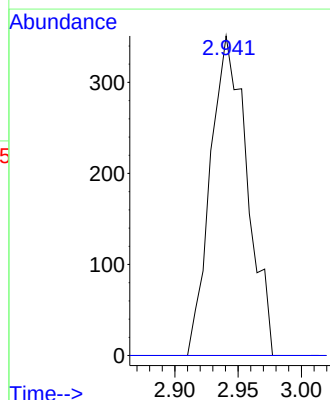
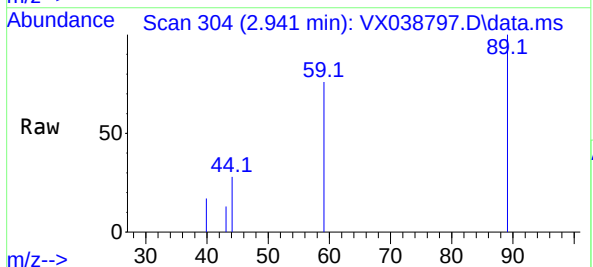
Instrument :
MSVOA_X
ClientSampleId :

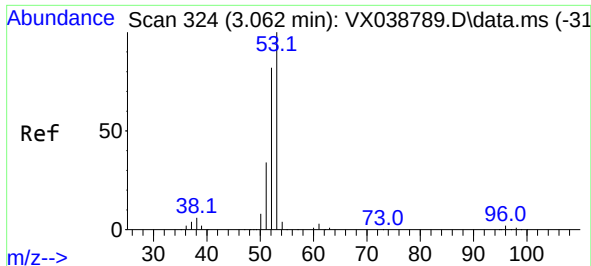
Tgt Ion:168 Resp: 101781
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.911 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

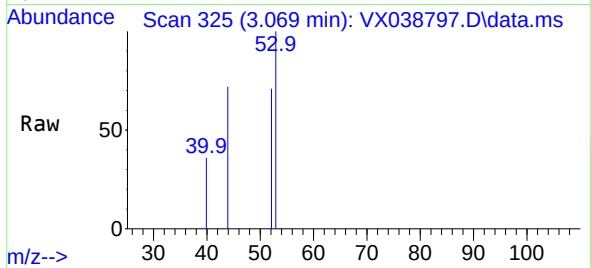
Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



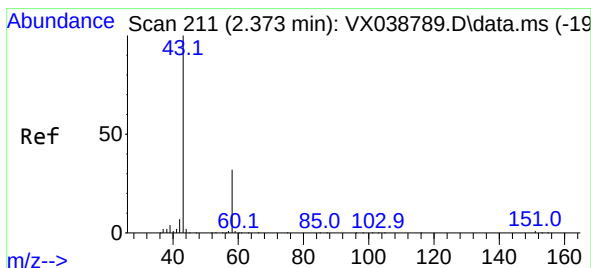
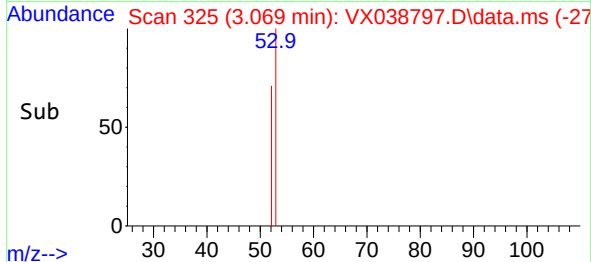
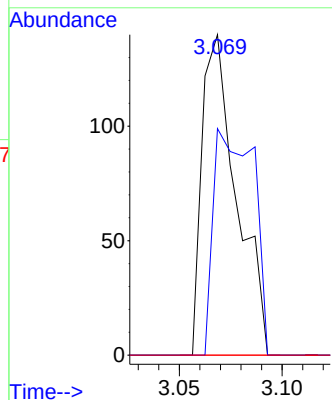


#15
Acrylonitrile
Concen: 0.202 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :

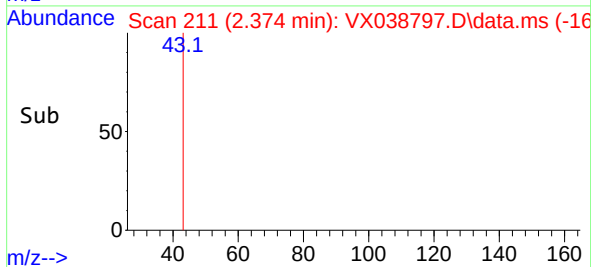
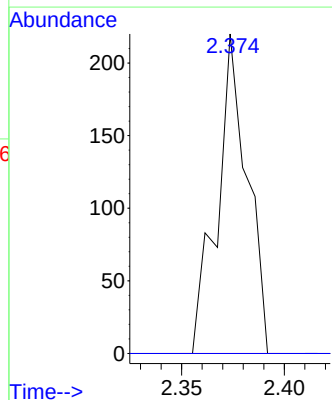
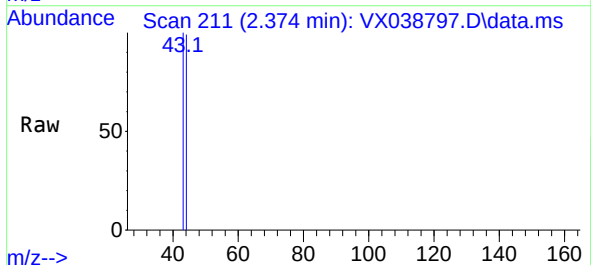


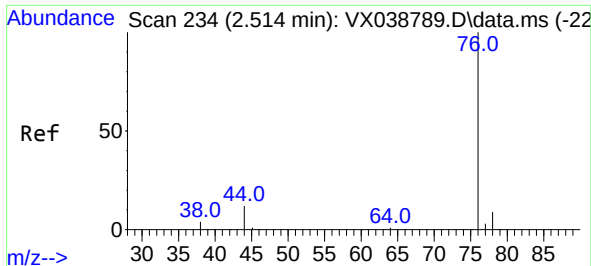
Tgt Ion: 53 Resp: 163
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 0.0 29.8 44.6#



#16
Acetone
Concen: 0.289 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

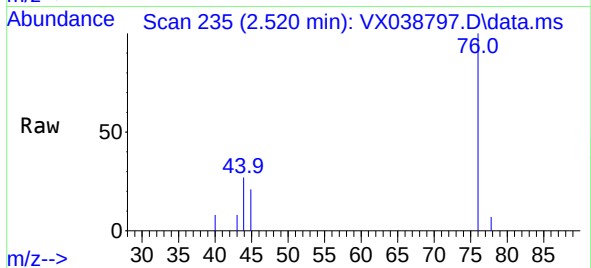
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



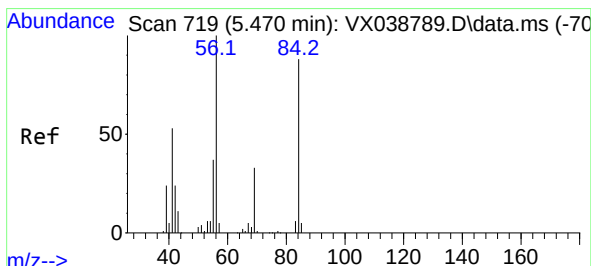
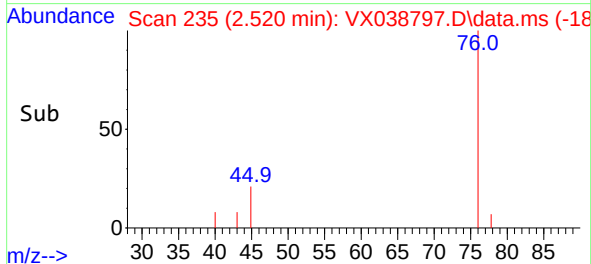
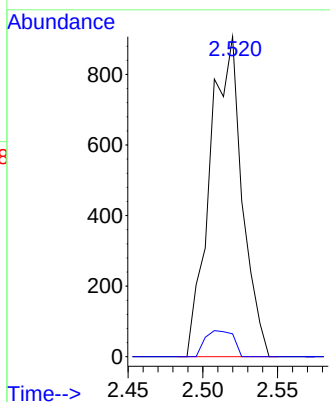


#17
Carbon Disulfide
Concen: 0.429 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :

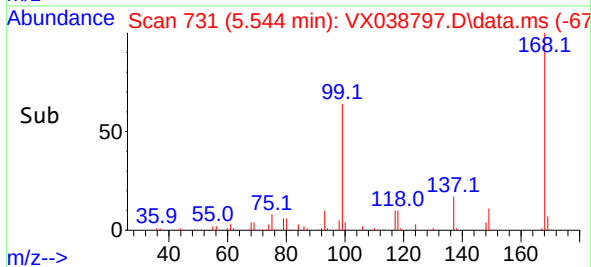
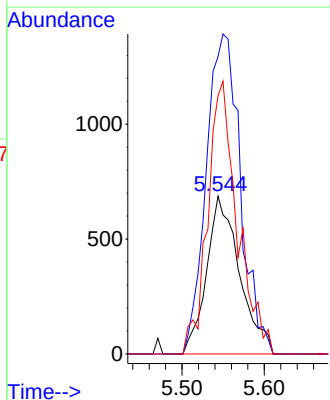
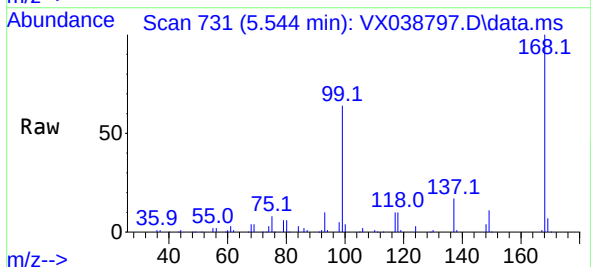


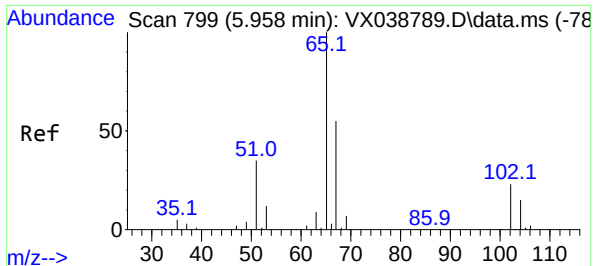
Tgt Ion: 76 Resp: 1360
Ion Ratio Lower Upper
76 100
78 7.2 7.0 10.6



#31
Cyclohexane
Concen: 0.971 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Tgt Ion: 56 Resp: 1914
Ion Ratio Lower Upper
56 100
69 188.5 23.4 35.2#
84 163.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.831 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038797.D

Acq: 14 Nov 2023 11:43

Instrument :

MSVOA_X

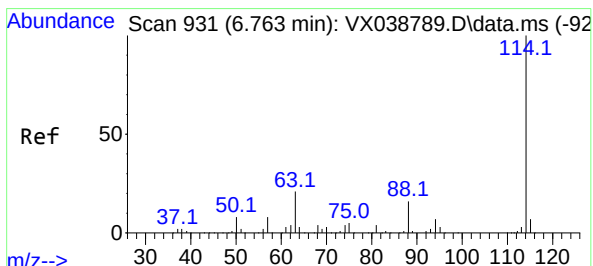
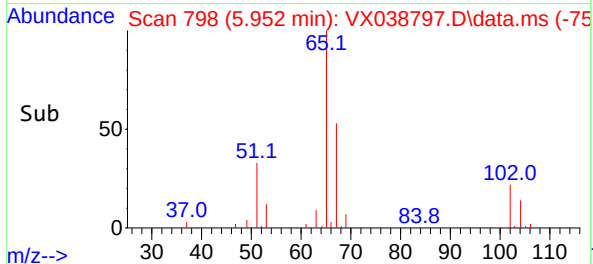
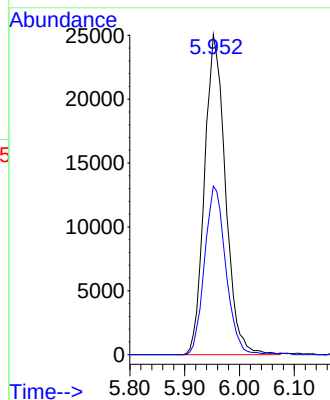
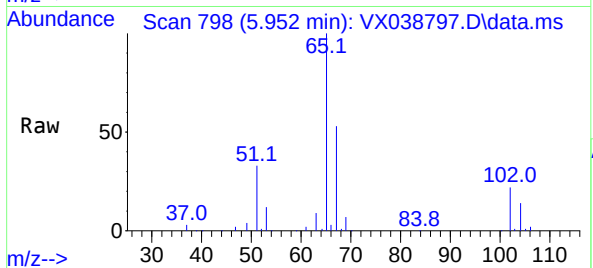
ClientSampleId :

Tgt Ion: 65 Resp: 66363

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038797.D

Acq: 14 Nov 2023 11:43

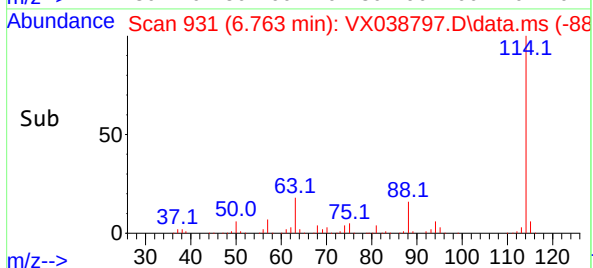
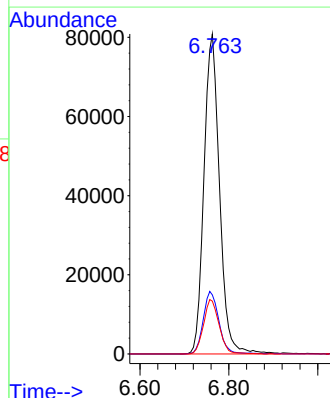
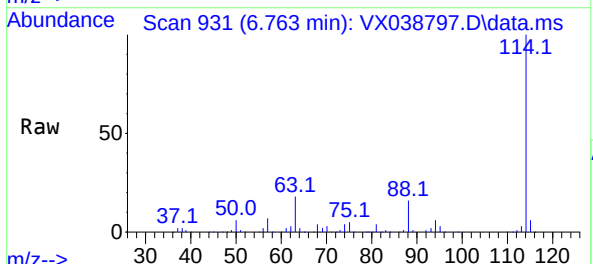
Tgt Ion: 114 Resp: 197278

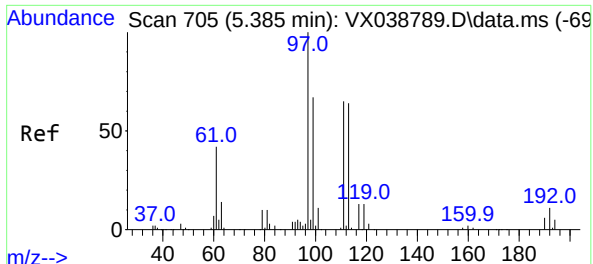
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

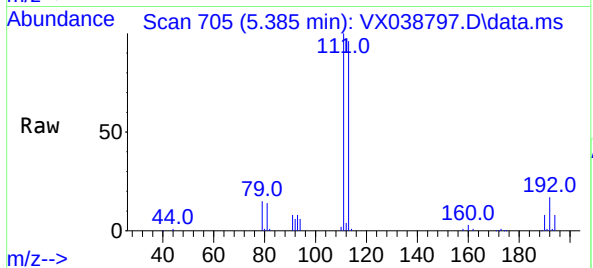
88 16.5 0.0 36.6



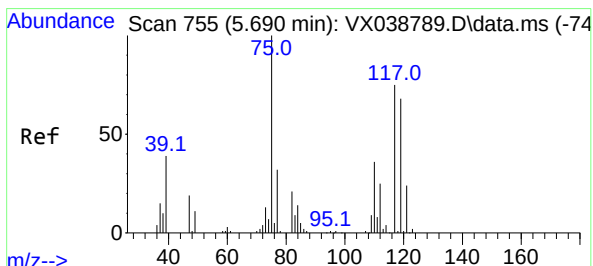
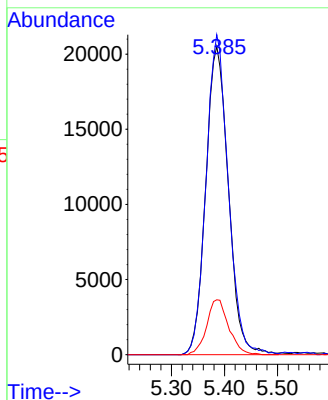
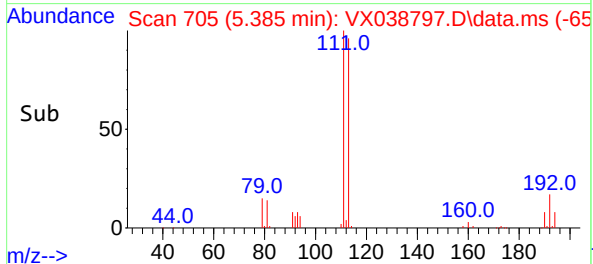


#35
Dibromofluoromethane
Concen: 44.909 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

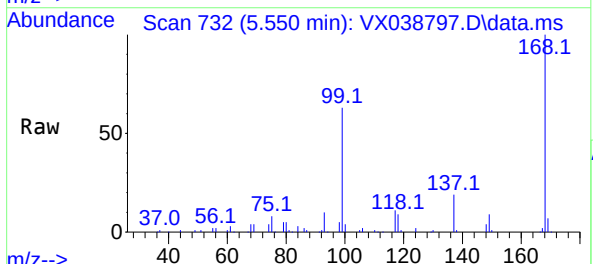
Instrument :
MSVOA_X
ClientSampleId :



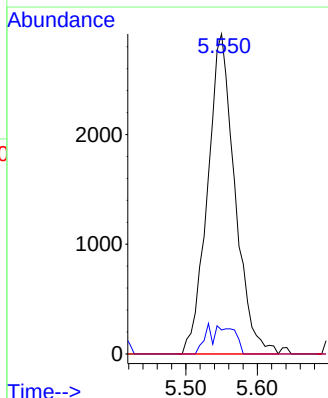
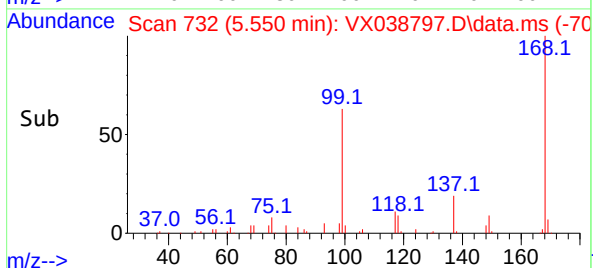
Tgt Ion:113 Resp: 60865
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 17.3 13.3 19.9

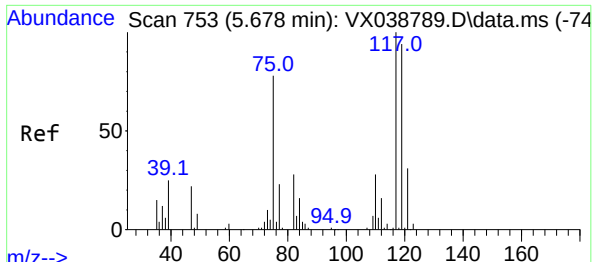


#36
1,1-Dichloropropene
Concen: 4.063 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43



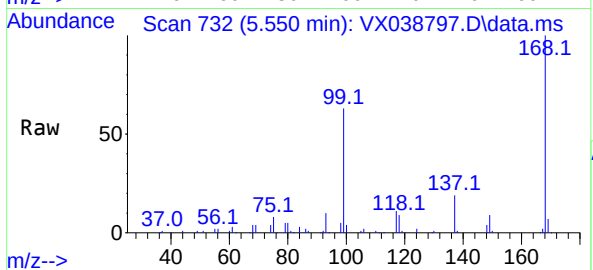
Tgt Ion: 75 Resp: 7742
Ion Ratio Lower Upper
75 100
110 6.1 17.0 50.9#
77 0.0 24.7 37.1#



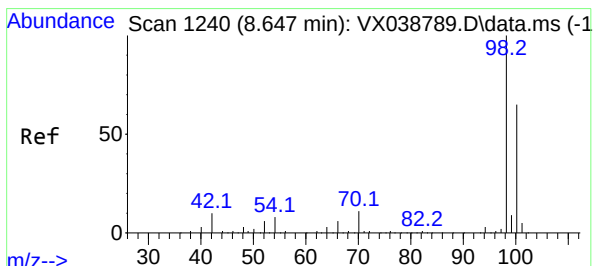
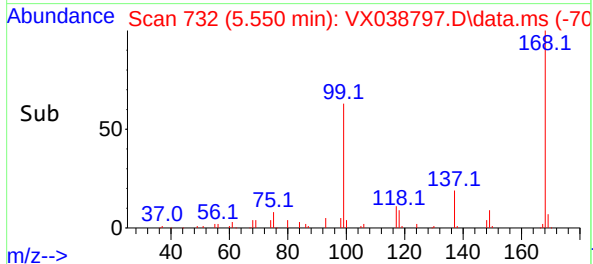
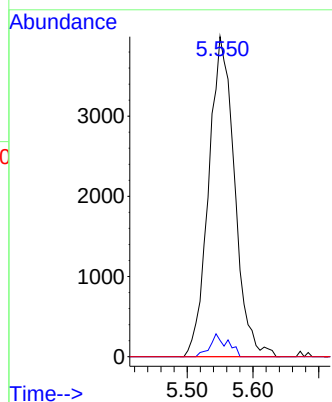


#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :

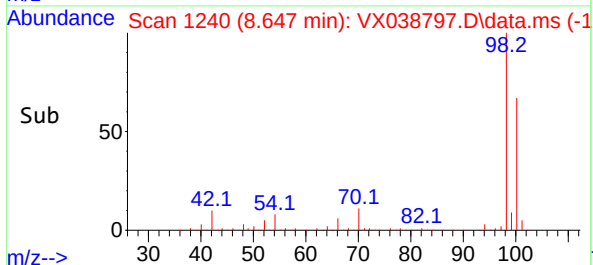
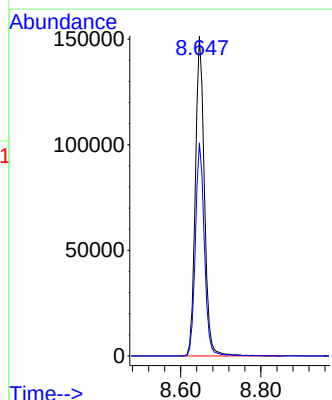
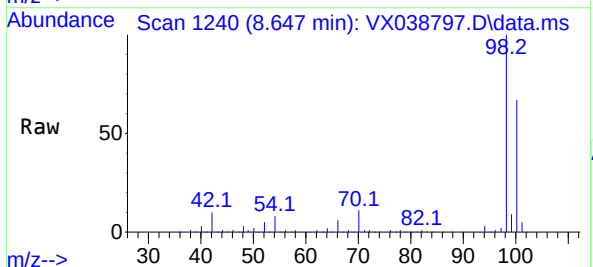


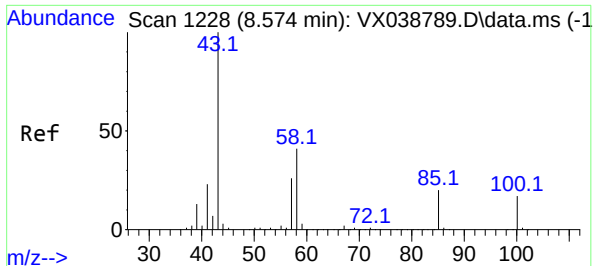
Tgt Ion:117 Resp: 10945
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.038 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Tgt Ion: 98 Resp: 236139
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

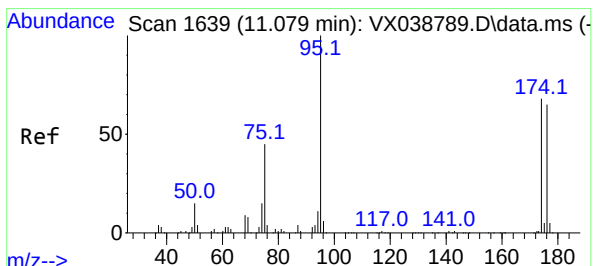
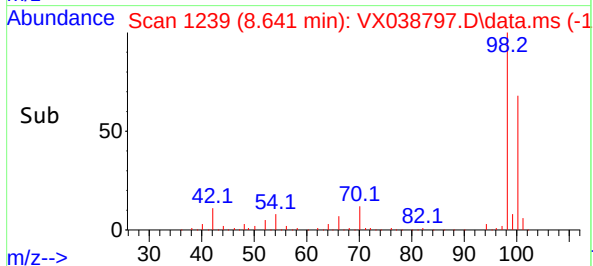
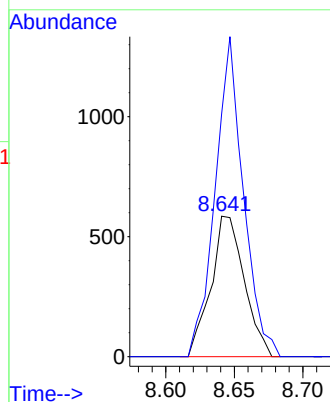
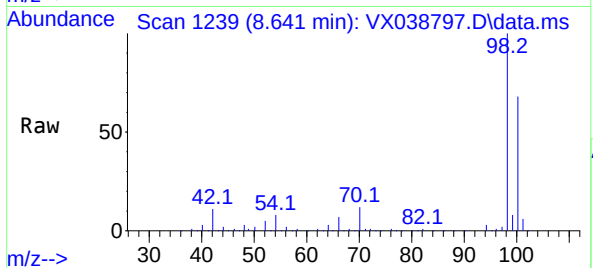




#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

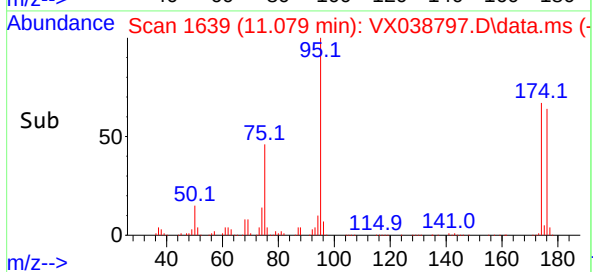
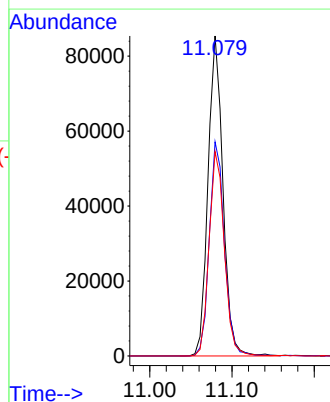
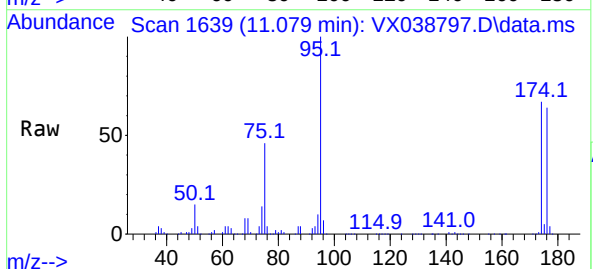
Instrument :
MSVOA_X
ClientSampleId :

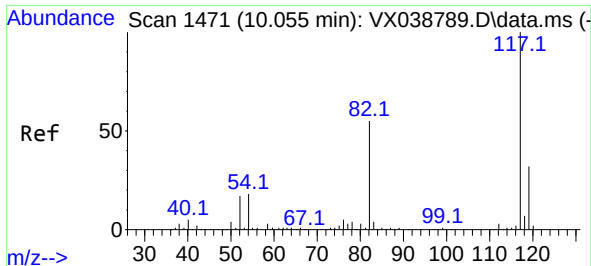
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 192.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Tgt Ion: 95 Resp: 107670
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.2 0.0 131.0

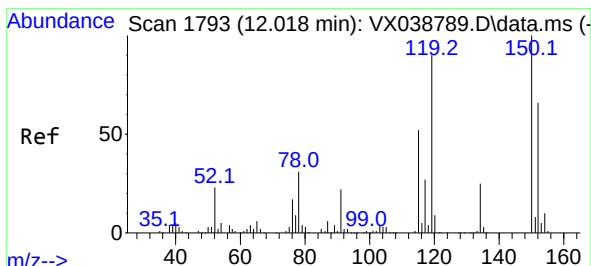
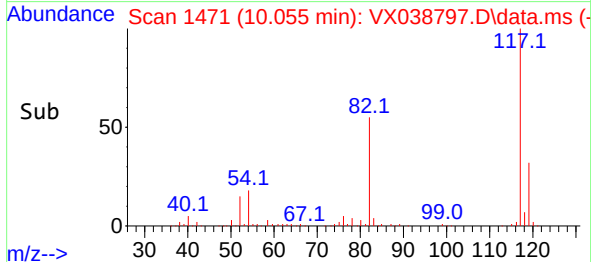
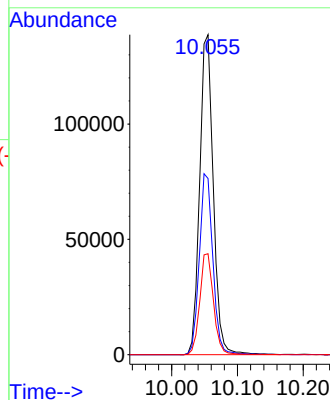
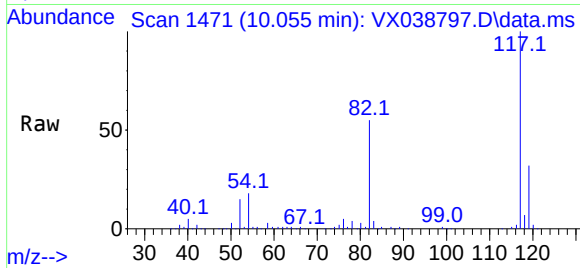




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

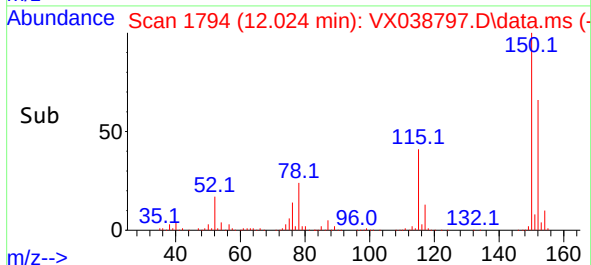
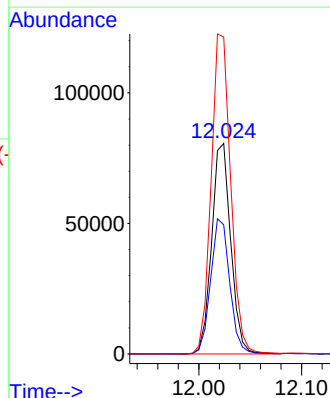
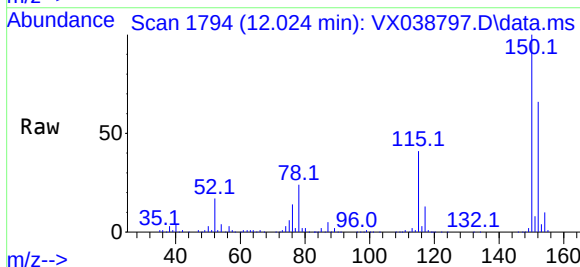
Instrument :
MSVOA_X
ClientSampleId :

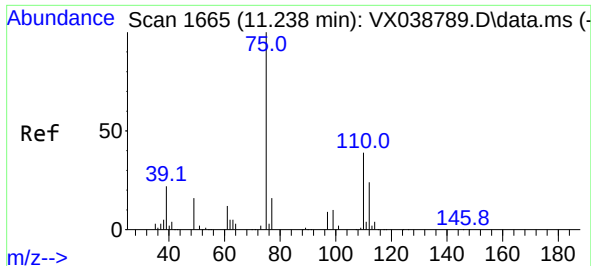
Tgt Ion:117 Resp: 199064
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Tgt Ion:152 Resp: 104028
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 155.4 0.0 345.0

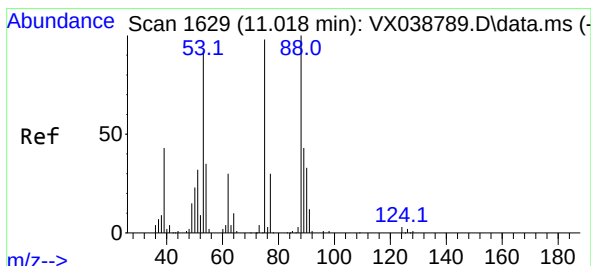
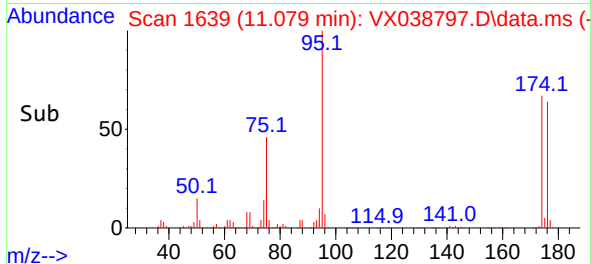
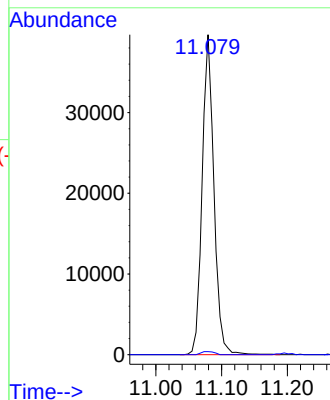
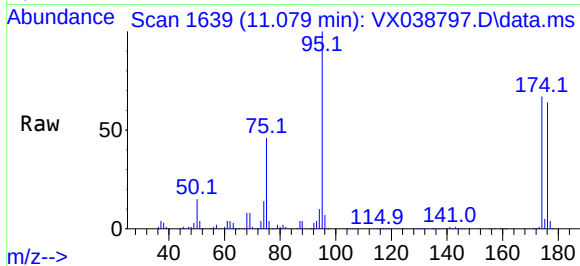




#76
1,2,3-Trichloropropane
Concen: 22.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

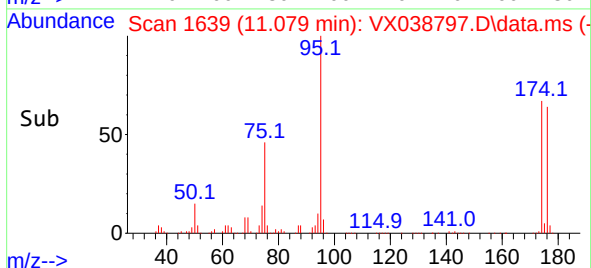
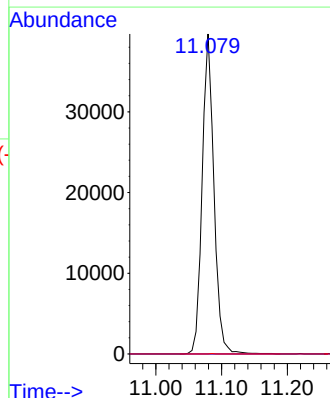
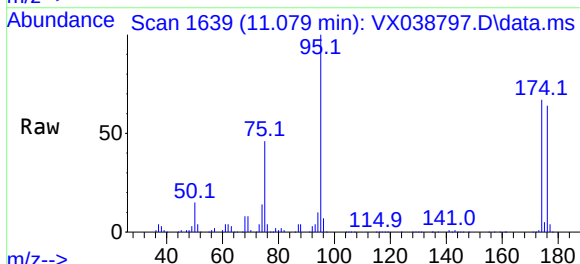
Instrument :
MSVOA_X
ClientSampleId :

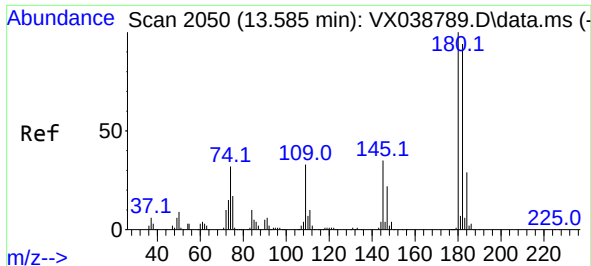
Tgt Ion: 75 Resp: 49262
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

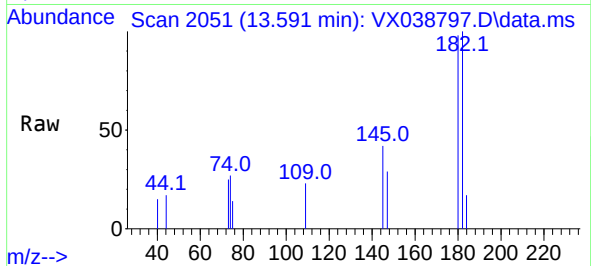
Tgt Ion: 75 Resp: 49262
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



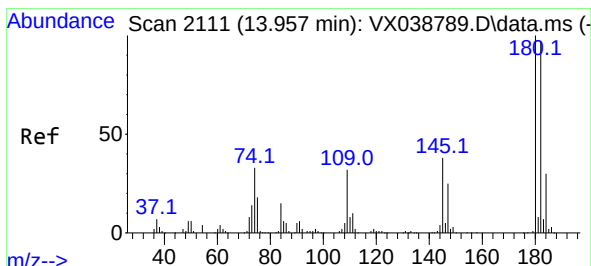
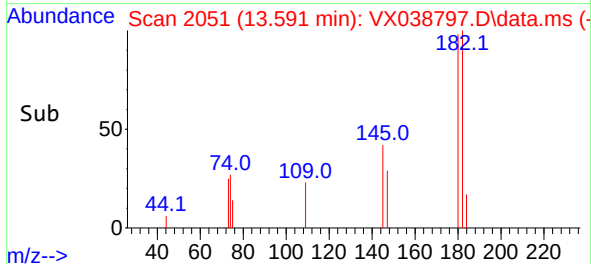
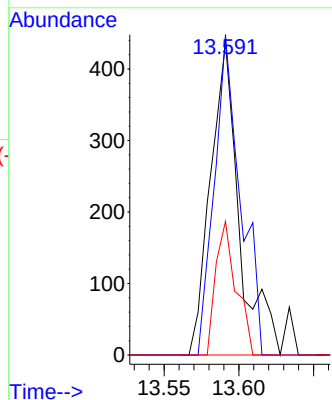


#93
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 585
Ion Ratio Lower Upper
180 100
182 93.2 48.3 144.8
145 30.3 18.0 54.0



#96
1,2,3-Trichlorobenzene
Concen: 0.230 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038797.D
Acq: 14 Nov 2023 11:43

Tgt Ion:180 Resp: 477
Ion Ratio Lower Upper
180 100
182 79.9 46.9 140.6
145 18.9 17.8 53.5

