

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038063.D
 Acq On : 04 Oct 2023 14:24
 Operator : JC/MD
 Sample : 04656-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:02:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

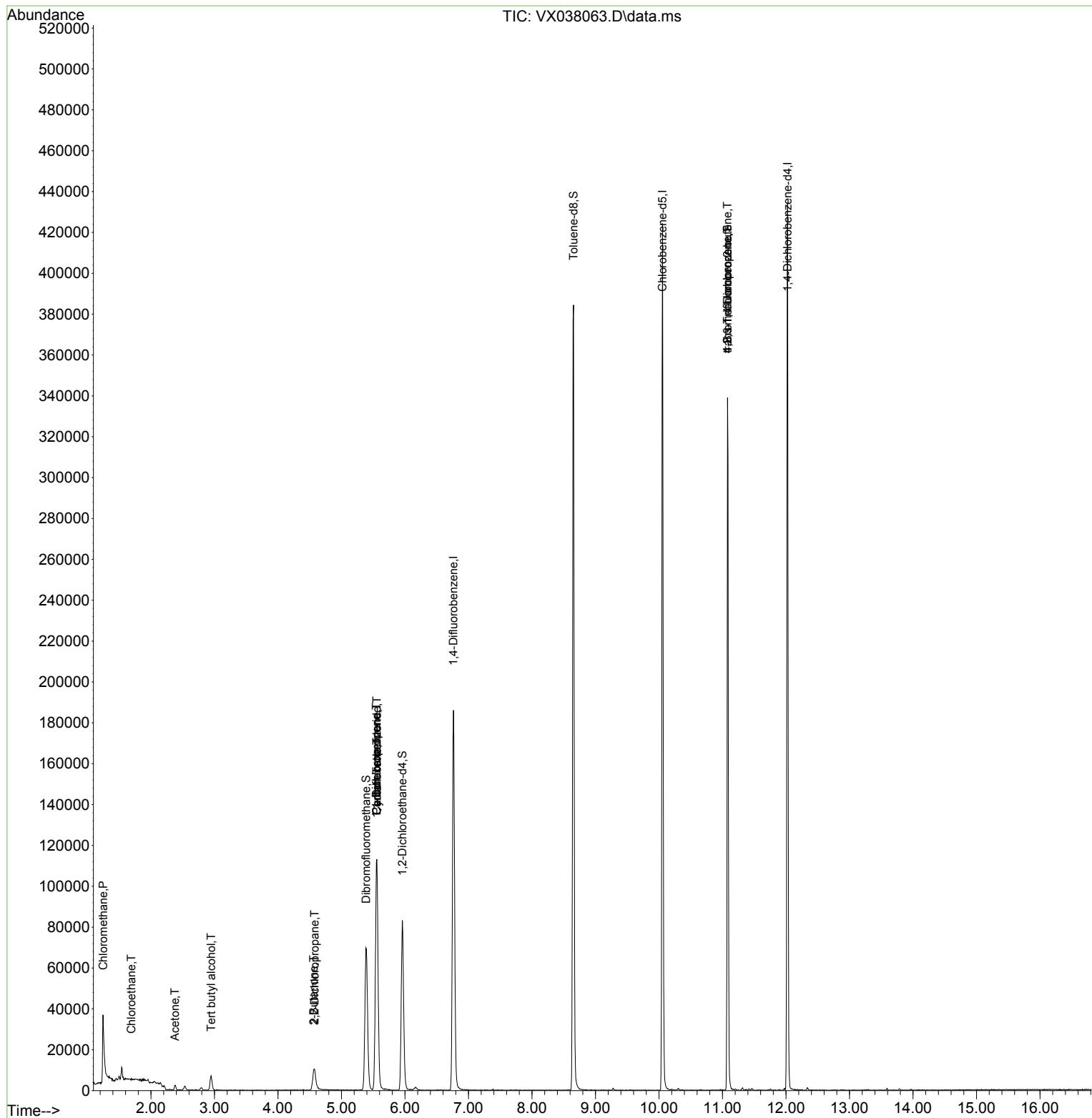
Internal Standards						
1) Pentafluorobenzene	5.556	168	105657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78581	47.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.385	113	59468	46.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.653	98	234566	47.508	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.079	95	84773	47.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	1344	0.970	ug/l #	43
6) Chloroethane	1.691	64	486	0.518	ug/l #	71
11) Tert butyl alcohol	2.947	59	4188	11.341	ug/l #	78
16) Acetone	2.380	43	2526	3.499	ug/l #	83
20) Methylene Chloride	2.782	84	631	Below Cal	#	77
25) 2-Butanone	4.562	43	337	0.296	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	830	0.470	ug/l #	54
31) Cyclohexane	5.556	56	2720	1.415	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	9295	4.889	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11119	6.010	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	47750	23.281	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	47750	78.625	ug/l #	5

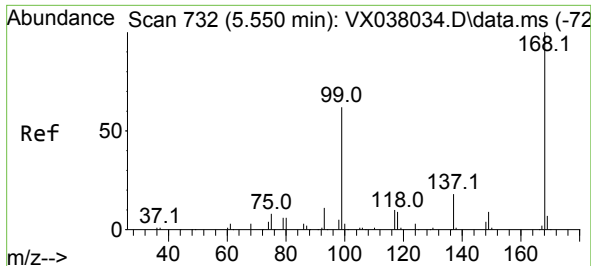
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
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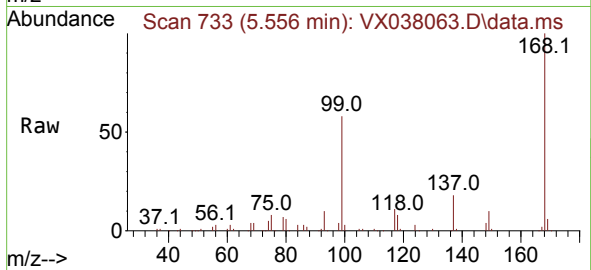
Quant Time: Oct 05 01:02:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration



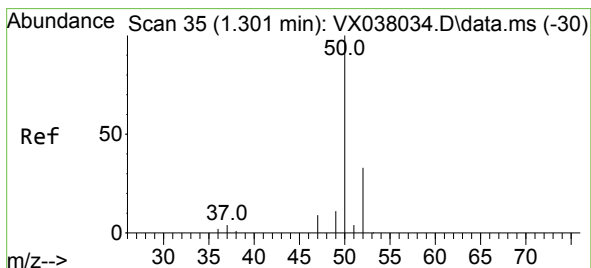
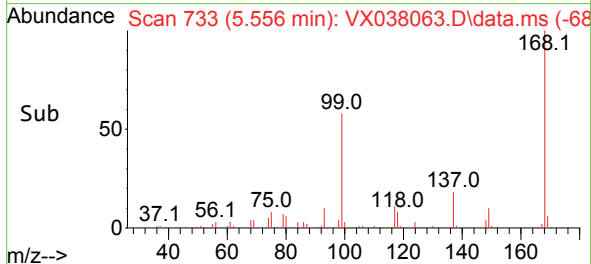
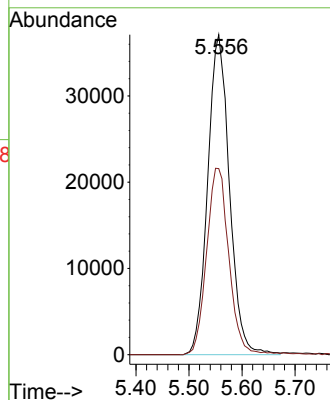


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :

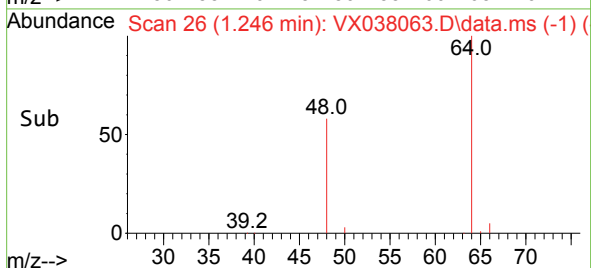
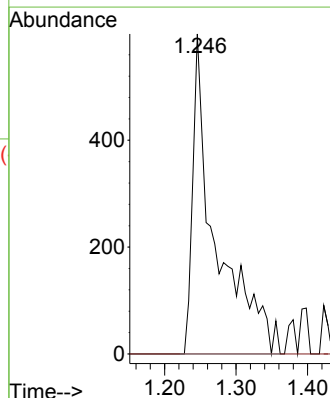
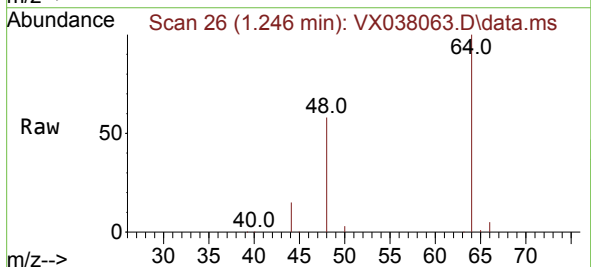


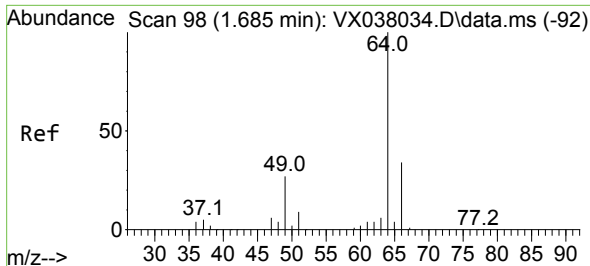
Tgt Ion:168 Resp: 105657
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#3
Chloromethane
Concen: 0.970 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.055 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

Tgt Ion: 50 Resp: 1344
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

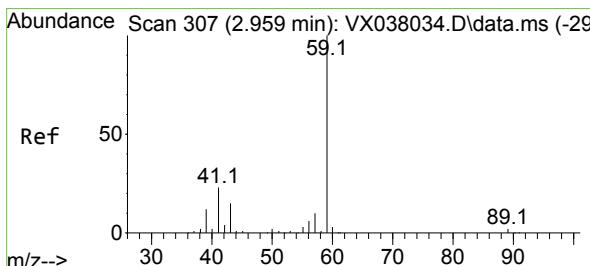
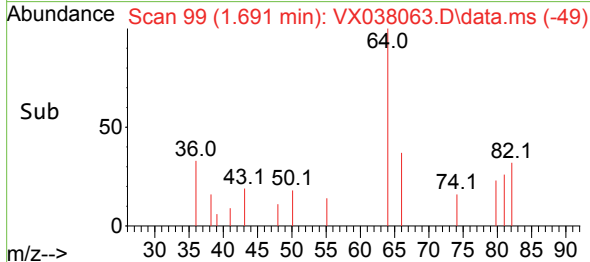
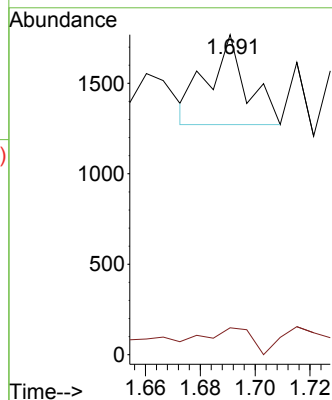
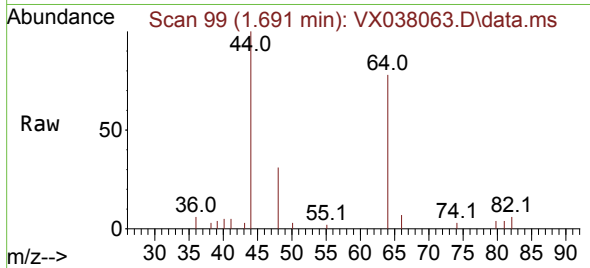




#6
Chloroethane
Concen: 0.518 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

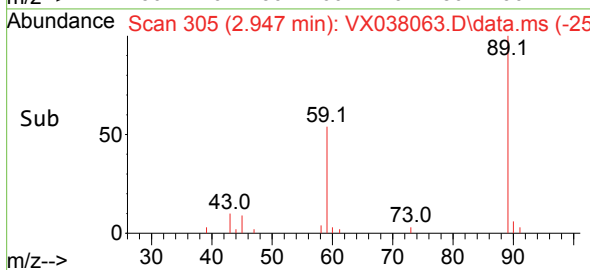
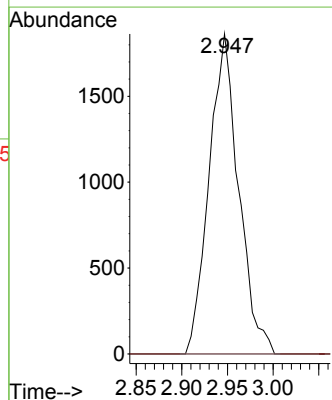
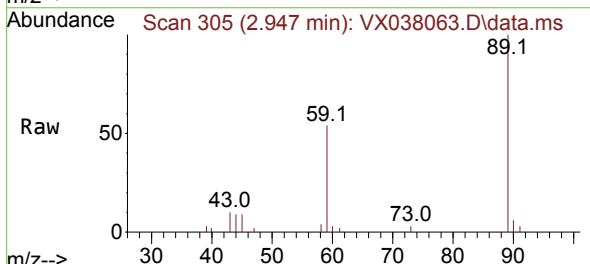
Instrument :
MSVOA_X
ClientSampleId :

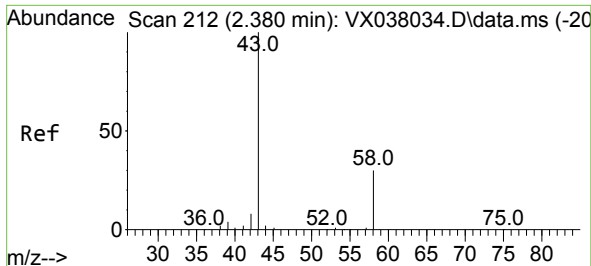
Tgt Ion: 64 Resp: 486
Ion Ratio Lower Upper
64 100
66 15.5 25.1 37.7#



#11
Tert butyl alcohol
Concen: 11.341 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

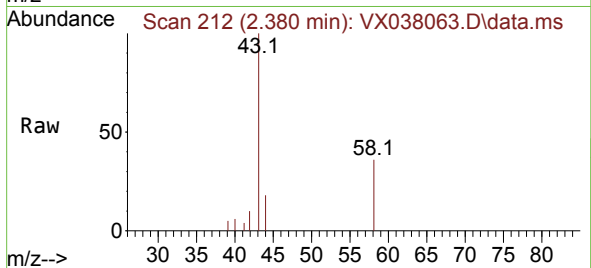
Tgt Ion: 59 Resp: 4188
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



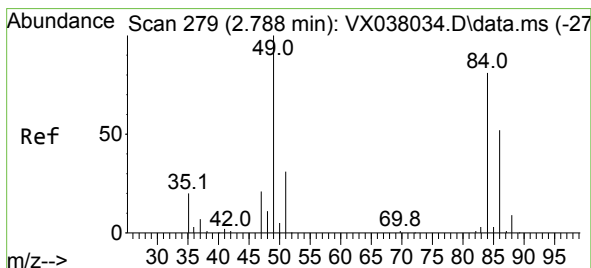
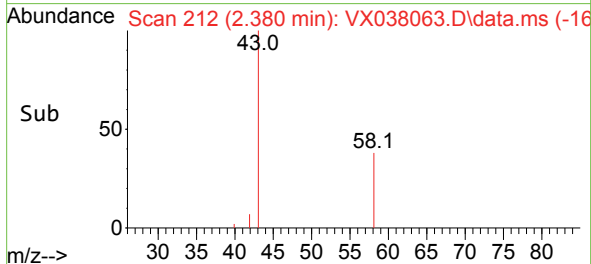
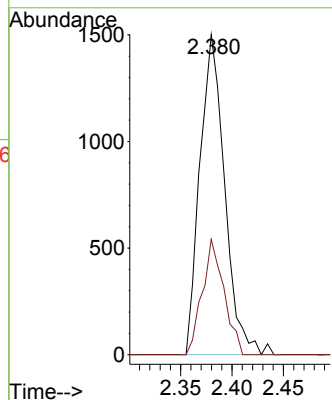


#16
Acetone
Concen: 3.499 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :

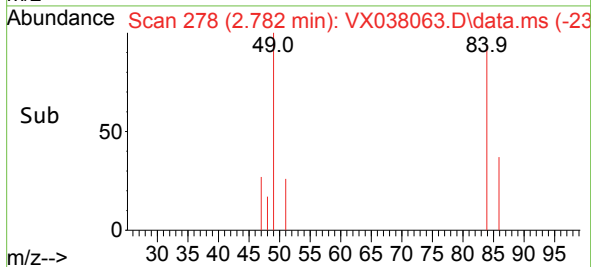
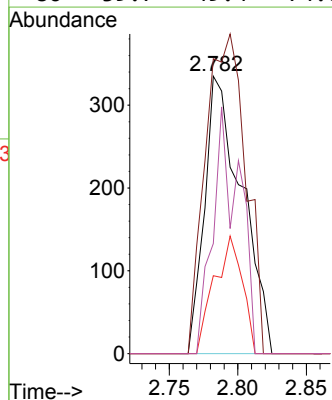
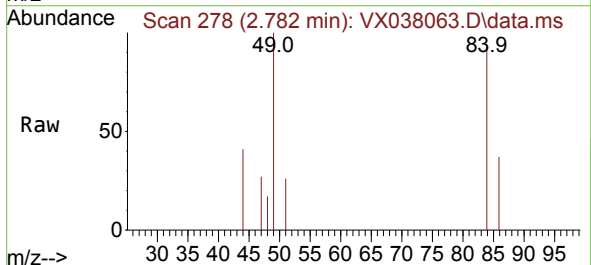


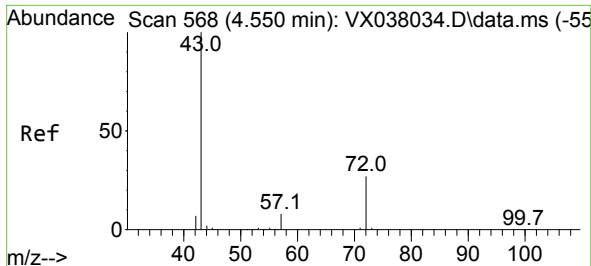
Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
58 36.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 106.3 103.6 155.4
51 28.1 33.8 50.6#
86 39.7 49.4 74.0#

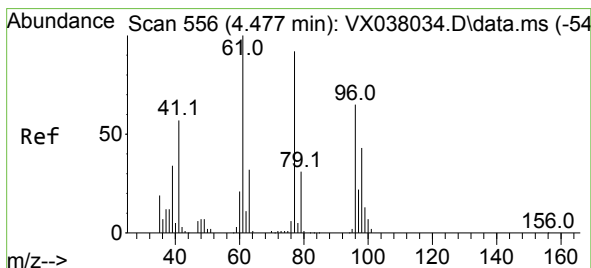
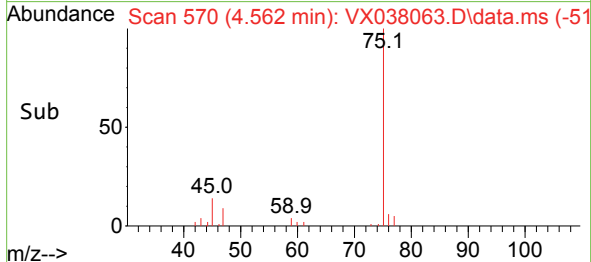
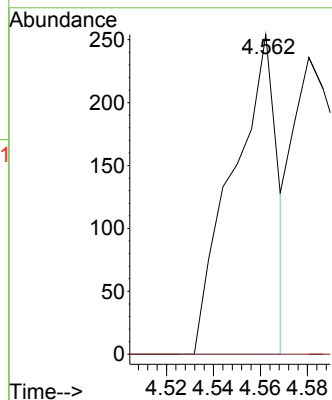
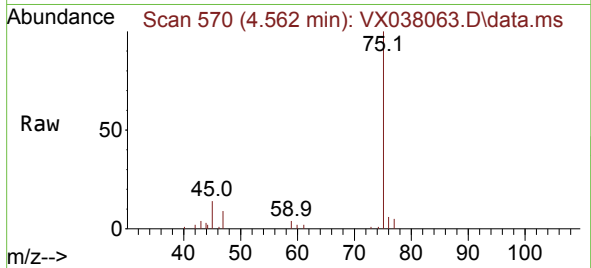




#25
2-Butanone
Concen: 0.296 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

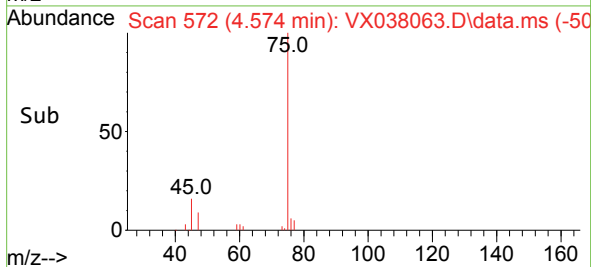
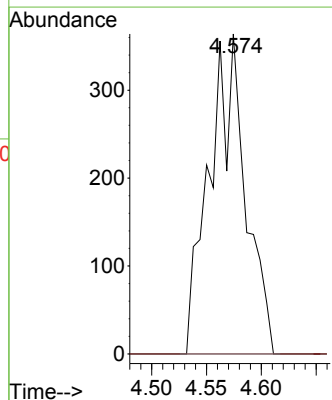
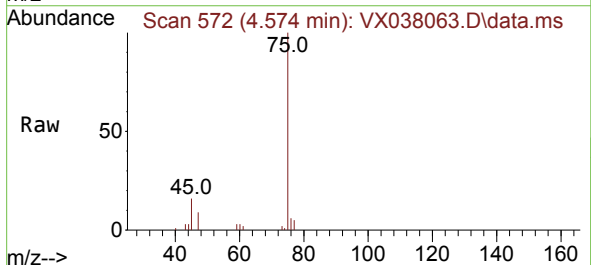
Instrument :
MSVOA_X
ClientSampleId :

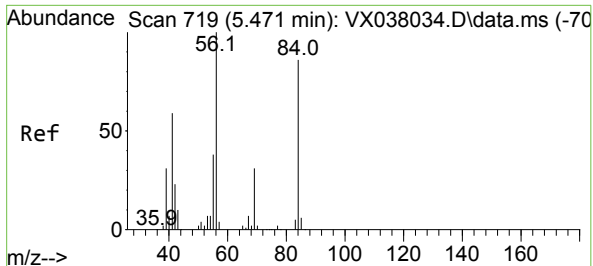
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.470 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

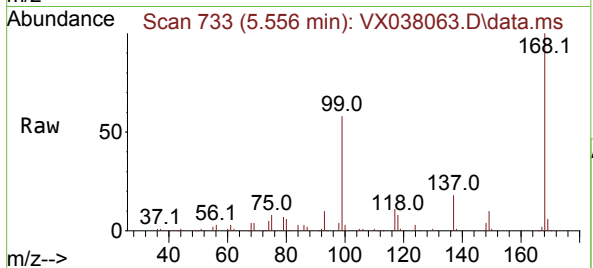
Tgt Ion: 77 Resp: 830
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



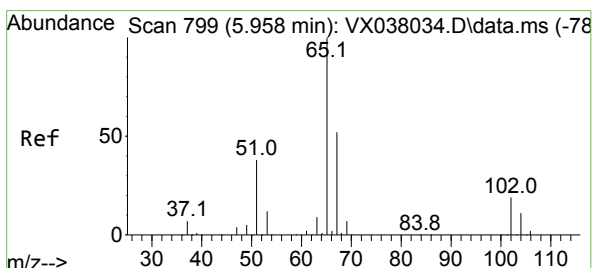
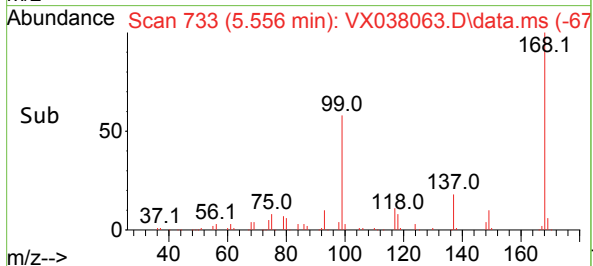
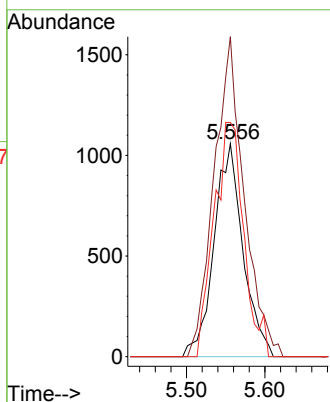


#31
Cyclohexane
Concen: 1.415 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :

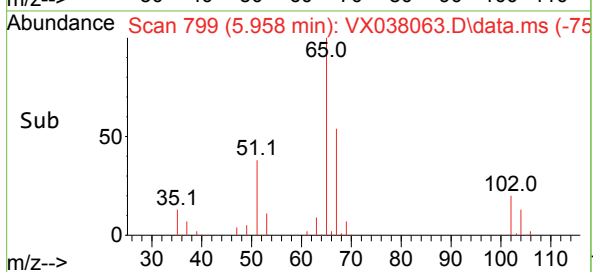
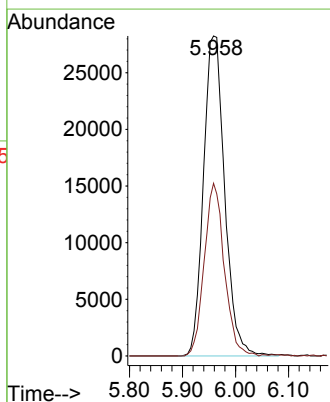
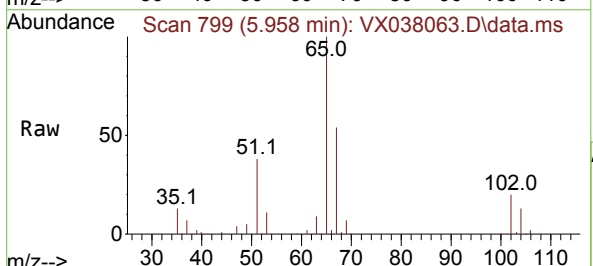


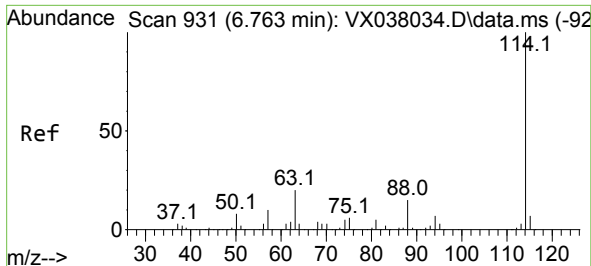
Tgt Ion: 56 Resp: 2720
Ion Ratio Lower Upper
56 100
69 150.3 23.4 35.2#
84 110.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.799 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

Tgt Ion: 65 Resp: 78581
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

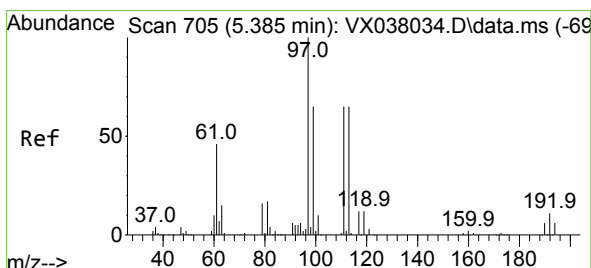
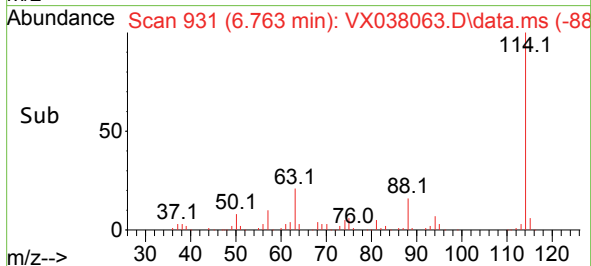
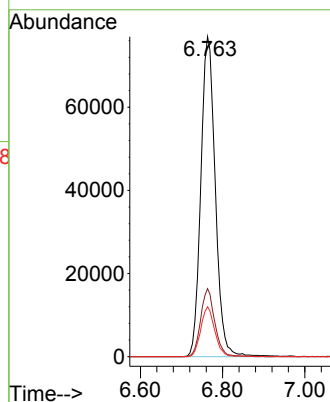
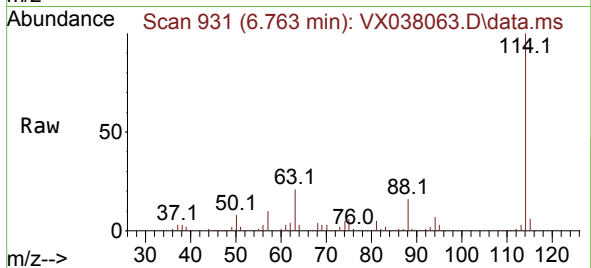




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

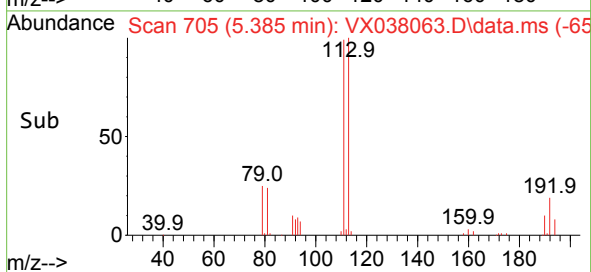
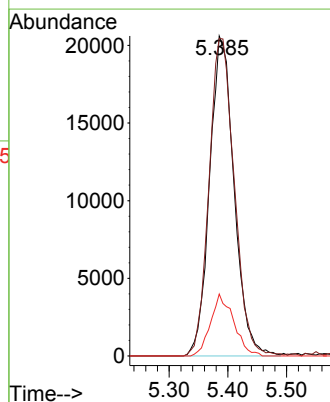
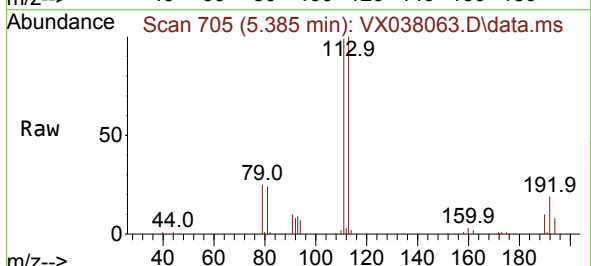
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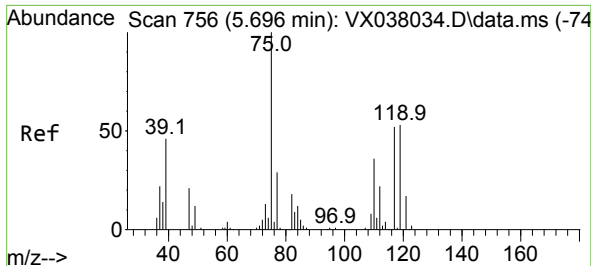
Tgt Ion:114 Resp: 188056
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.094 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

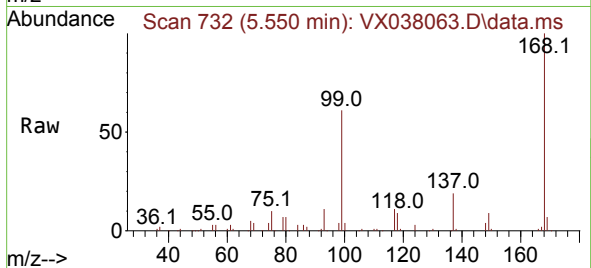
Tgt Ion:113 Resp: 59468
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.3 13.3 19.9



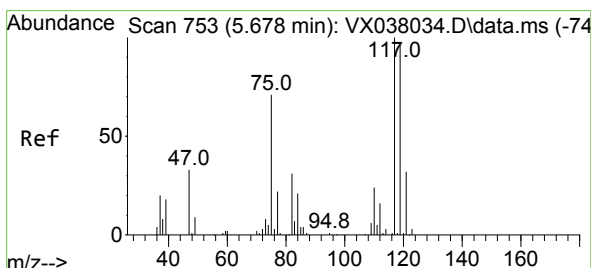
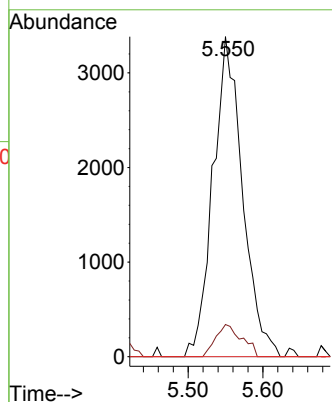
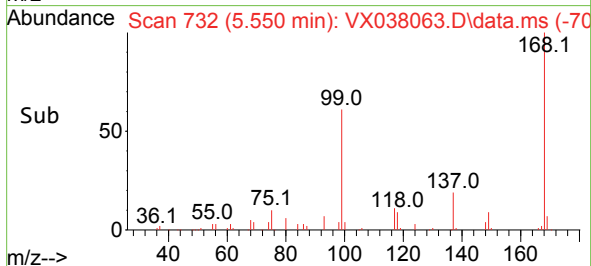


#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

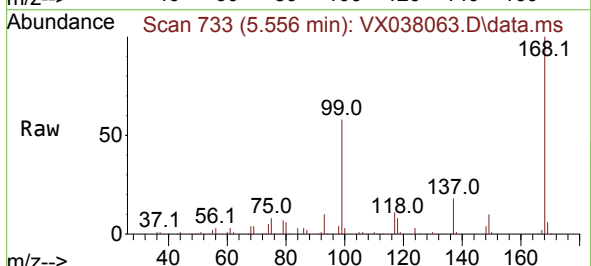
Instrument :
MSVOA_X
ClientSampleId :



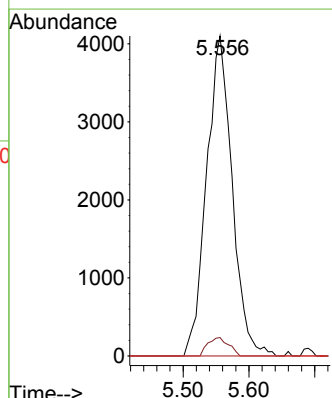
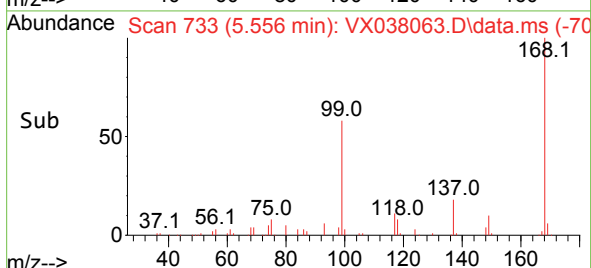
Tgt Ion: 75 Resp: 9295
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#

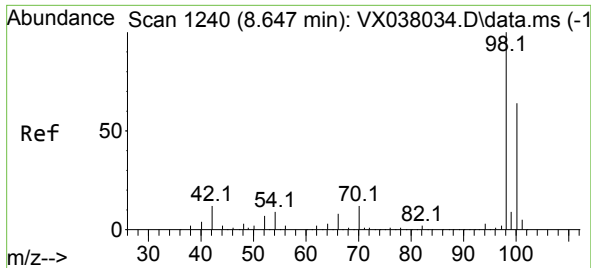


#38
Carbon Tetrachloride
Concen: 6.010 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24



Tgt Ion: 117 Resp: 11119
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

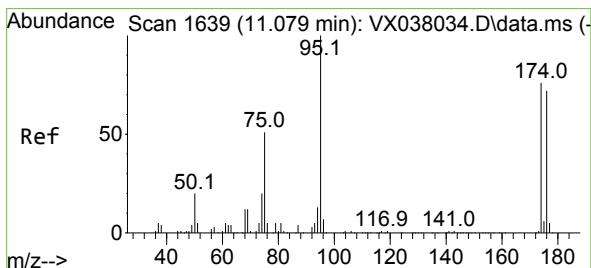
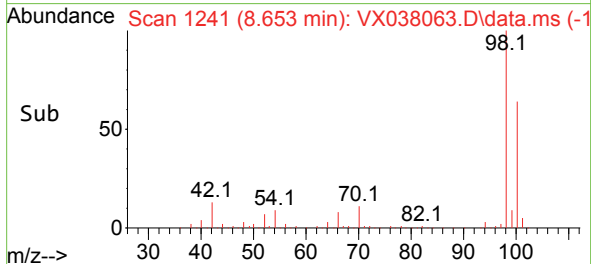
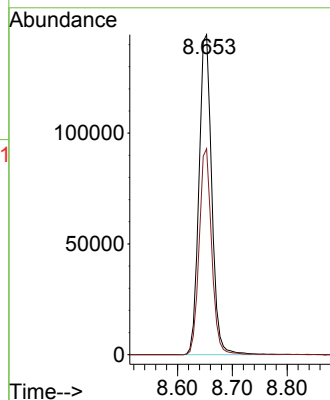
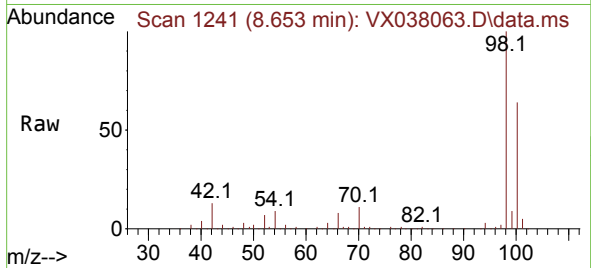




#50
Toluene-d8
Concen: 47.508 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

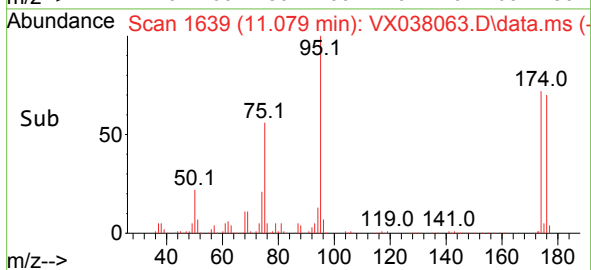
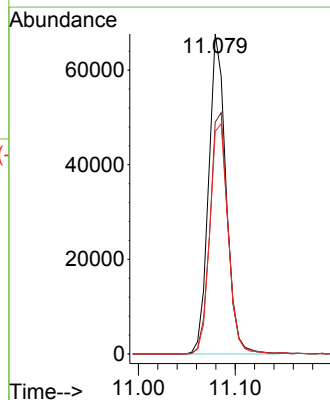
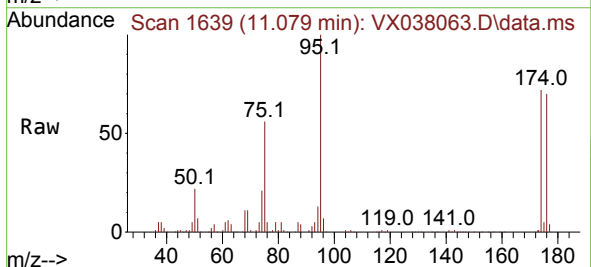
Instrument :
MSVOA_X
ClientSampleId :

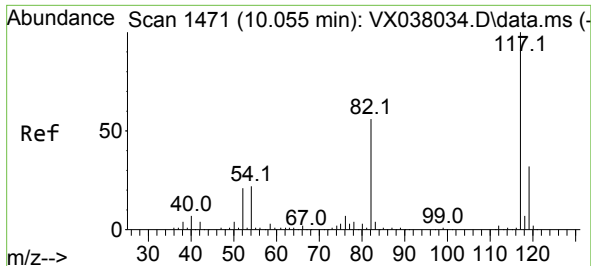
Tgt Ion: 98 Resp: 234566
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

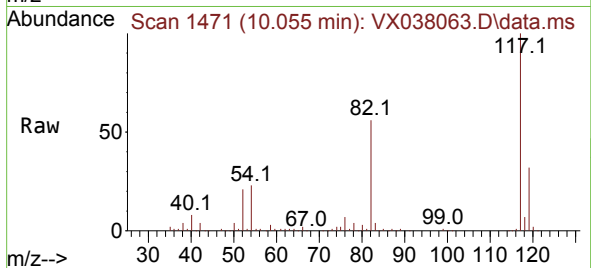
Tgt Ion: 95 Resp: 84773
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 75.5 0.0 131.0



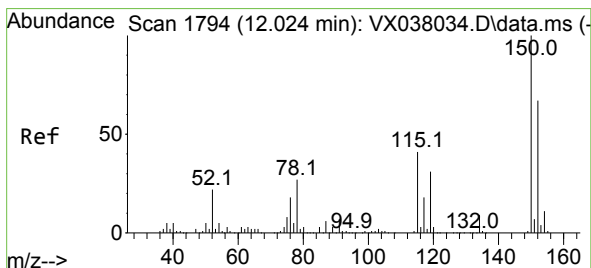
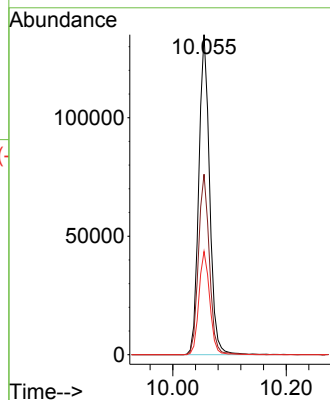
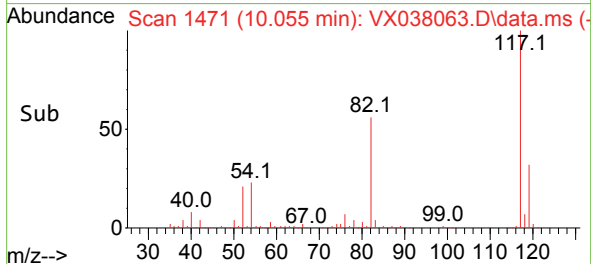


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24

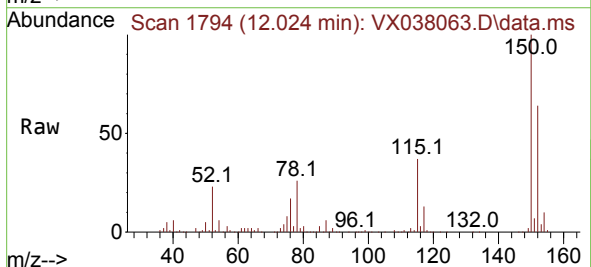
Instrument :
MSVOA_X
ClientSampleId :



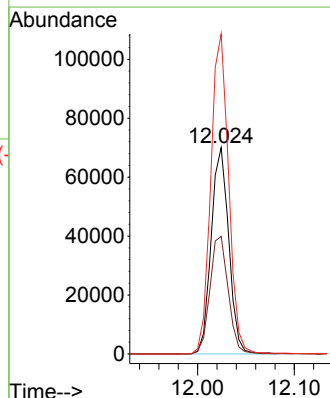
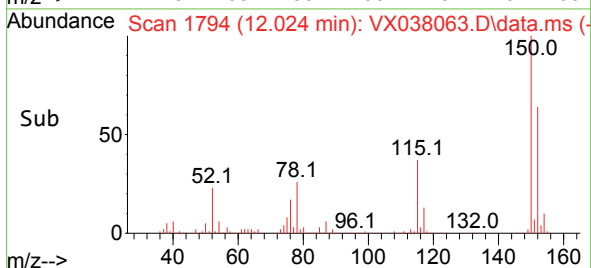
Tgt Ion:117 Resp: 178706
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.2 25.5 38.3

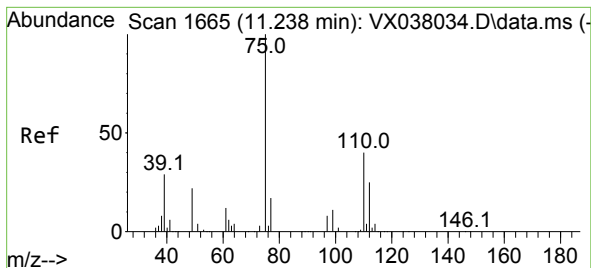


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038063.D
Acq: 04 Oct 2023 14:24



Tgt Ion:152 Resp: 88540
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.281 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038063.D

Acq: 04 Oct 2023 14:24

Instrument :

MSVOA_X

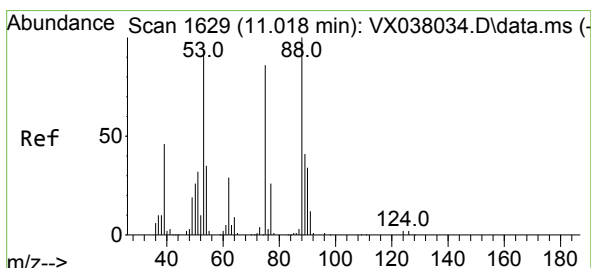
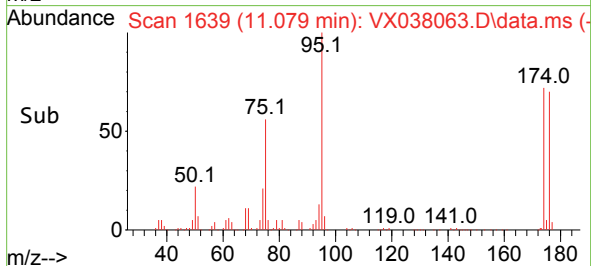
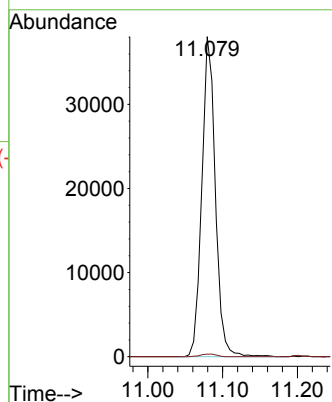
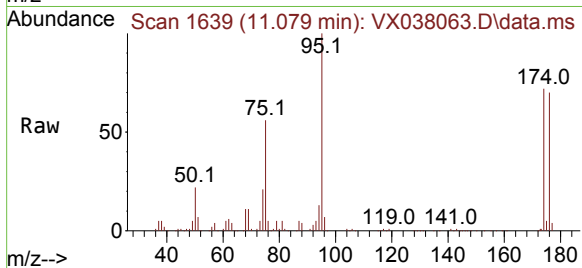
ClientSampleId :

Tgt Ion: 75 Resp: 47750

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.625 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038063.D

Acq: 04 Oct 2023 14:24

Tgt Ion: 75 Resp: 47750

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

