

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038061.D
 Acq On : 04 Oct 2023 13:38
 Operator : JC/MD
 Sample : 04685-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:01:39 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	5.550	168	104125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79206	48.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.780%
35) Dibromofluoromethane	5.385	113	60496	47.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	235120	48.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.060%
62) 4-Bromofluorobenzene	11.079	95	84138	47.226	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.460%

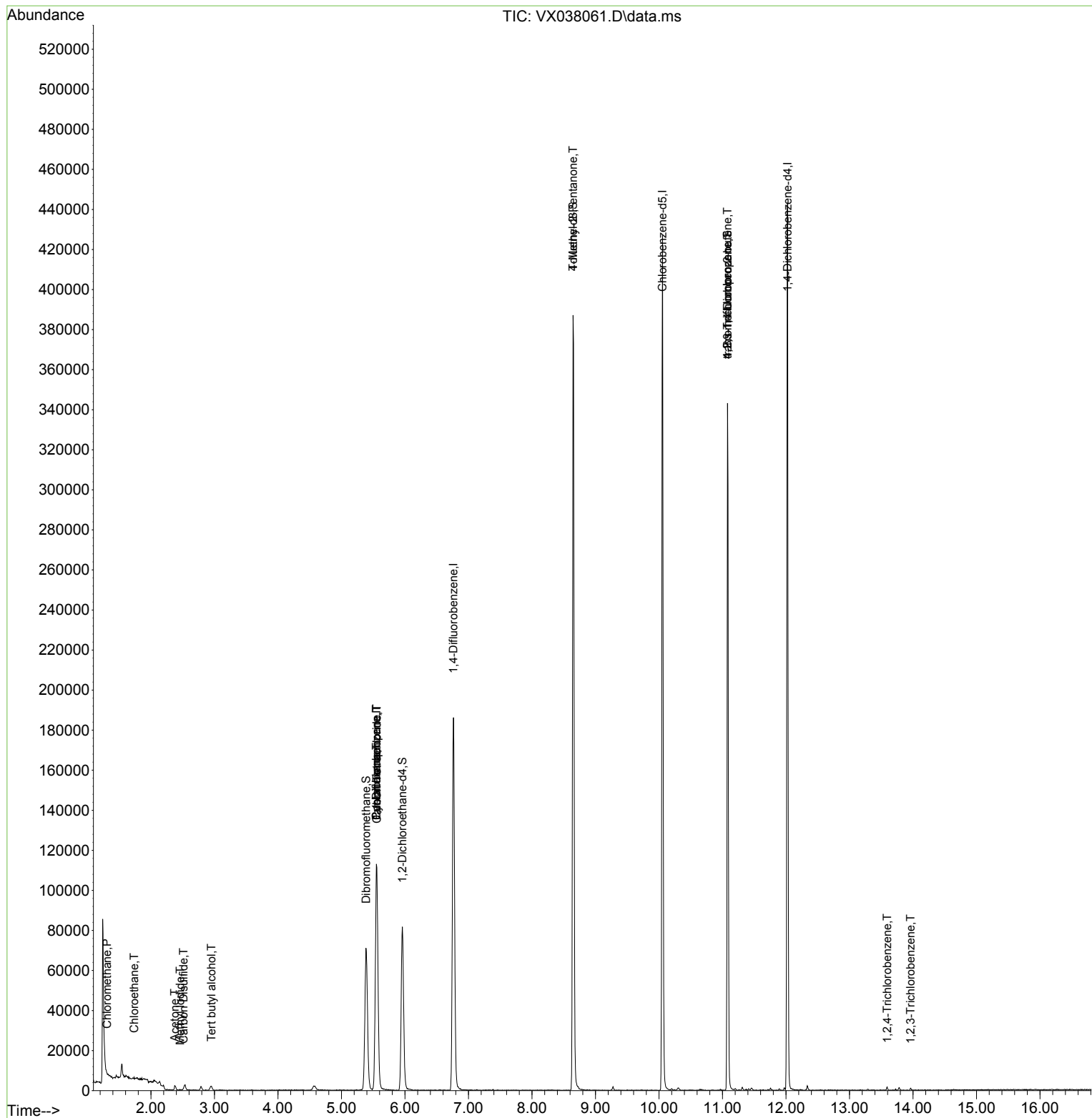
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	283	0.207	ug/l #	43
6) Chloroethane	1.734	64	260	0.281	ug/l	90
10) Methyl Iodide	2.459	142	257	0.235	ug/l #	81
11) Tert butyl alcohol	2.953	59	1417	3.894	ug/l #	78
16) Acetone	2.374	43	2305	3.240	ug/l	92
17) Carbon Disulfide	2.514	76	741	0.266	ug/l #	76
31) Cyclohexane	5.550	56	3034	1.601	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	9121	4.838	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11039	6.018	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1133	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48638	23.310	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48638	78.723	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	489	0.246	ug/l	87
96) 1,2,3-Trichlorobenzene	13.963	180	399	0.208	ug/l	91

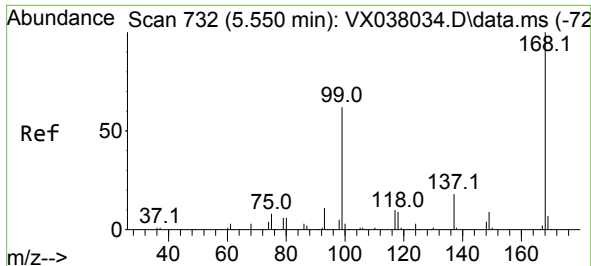
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 04685-13
Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
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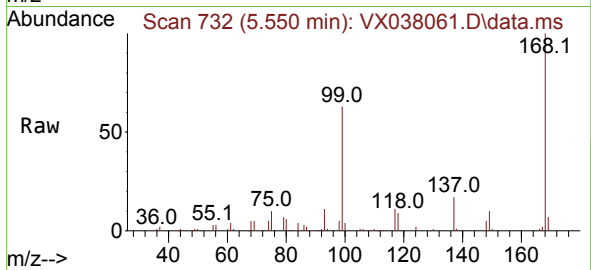
Quant Time: Oct 05 01:01:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration



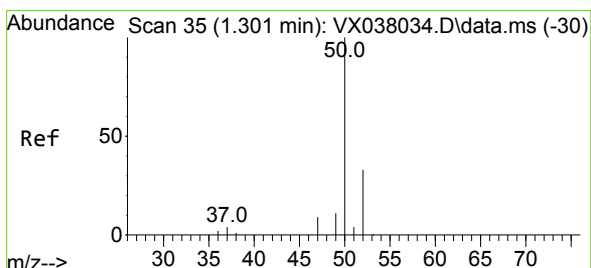
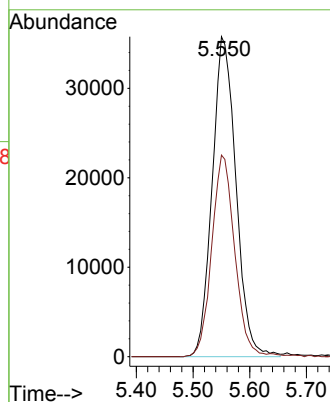


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :

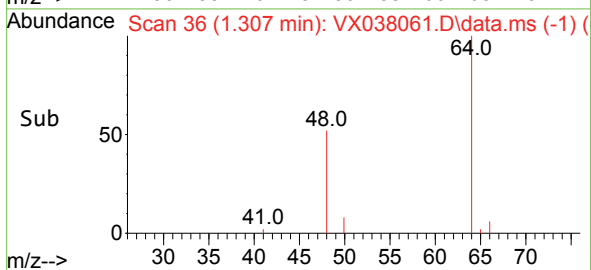
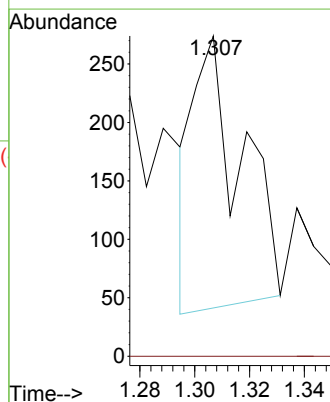
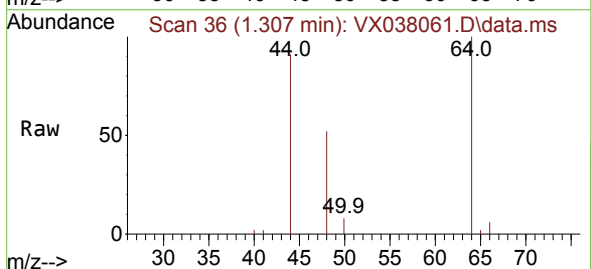


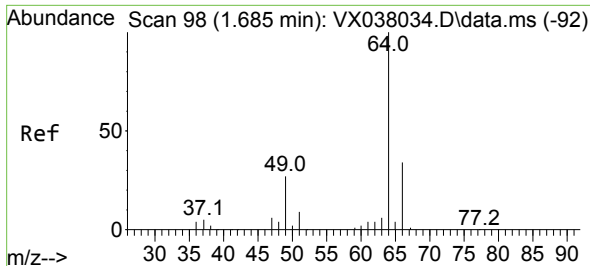
Tgt Ion:168 Resp: 104125
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

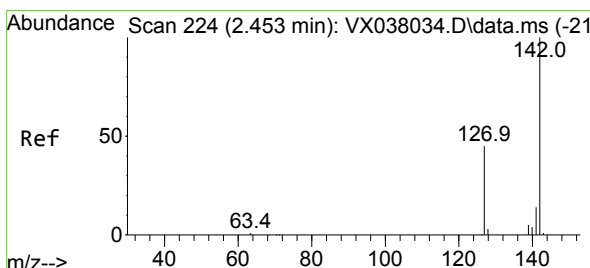
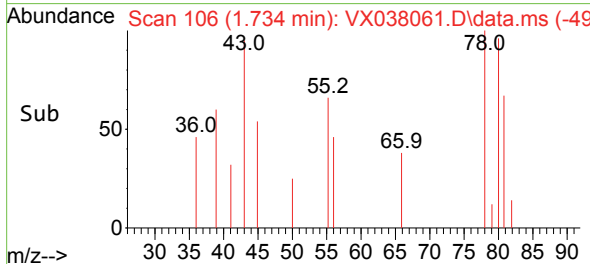
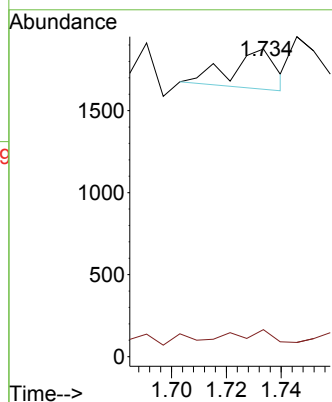
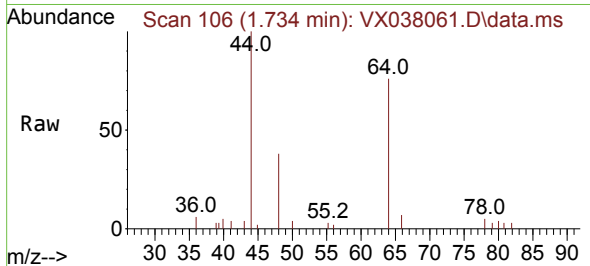




#6
Chloroethane
Concen: 0.281 ug/l
RT: 1.734 min Scan# 106
Delta R.T. 0.049 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

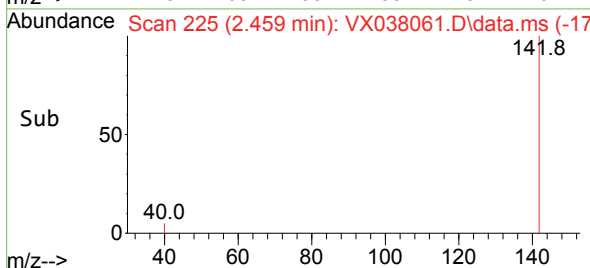
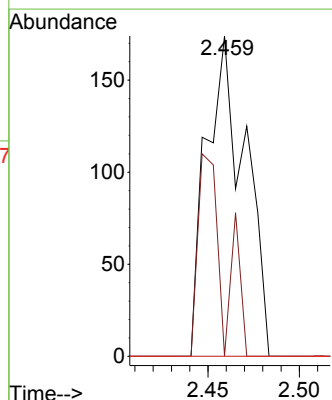
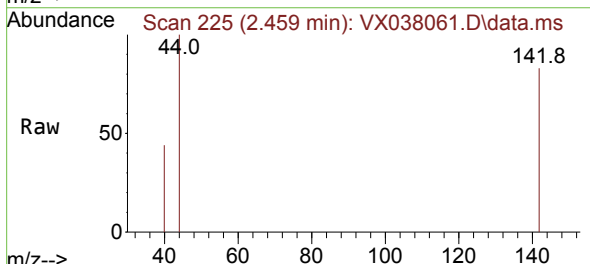
Instrument :
MSVOA_X
ClientSampleId :

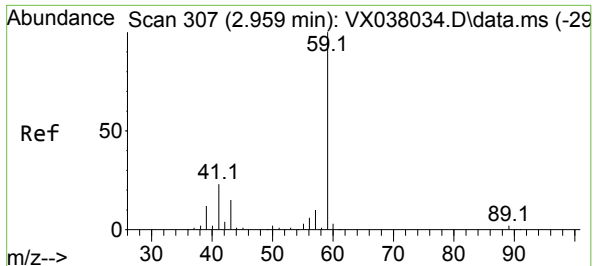
Tgt Ion: 64 Resp: 260
Ion Ratio Lower Upper
64 100
66 37.0 25.1 37.7



#10
Methyl Iodide
Concen: 0.235 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

Tgt Ion: 142 Resp: 257
Ion Ratio Lower Upper
142 100
127 41.6 41.6 62.4
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 3.894 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX038061.D

Acq: 04 Oct 2023 13:38

Instrument :

MSVOA_X

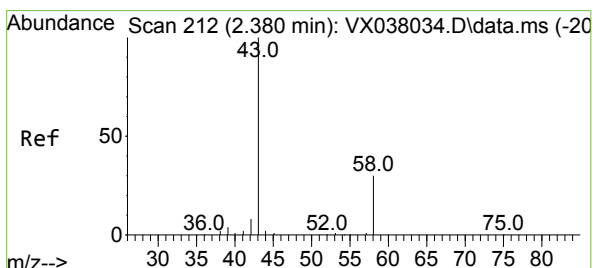
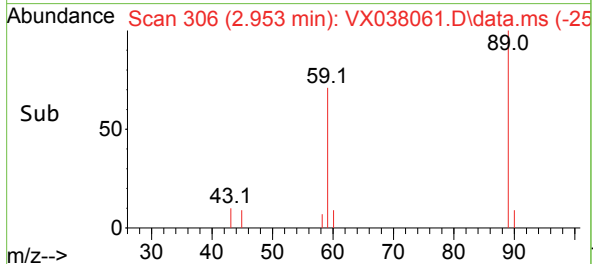
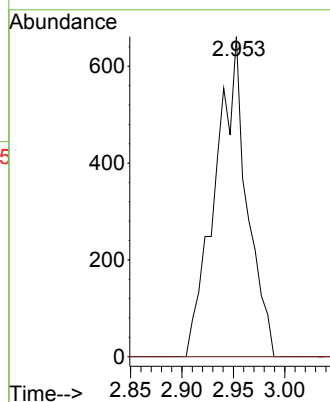
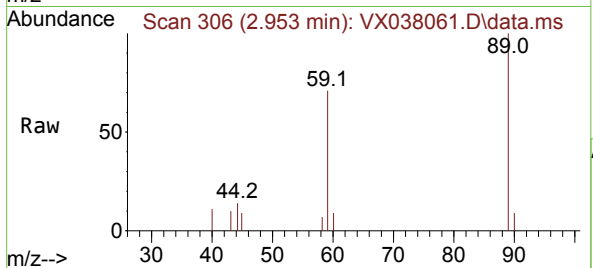
ClientSampleId :

Tgt Ion: 59 Resp: 1417

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 3.240 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038061.D

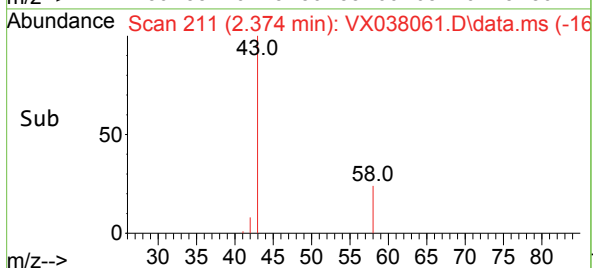
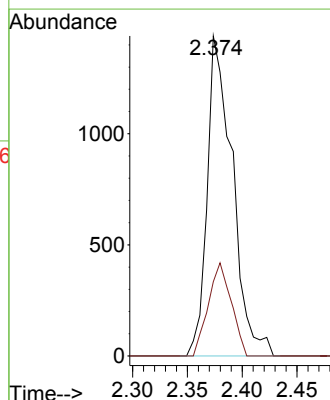
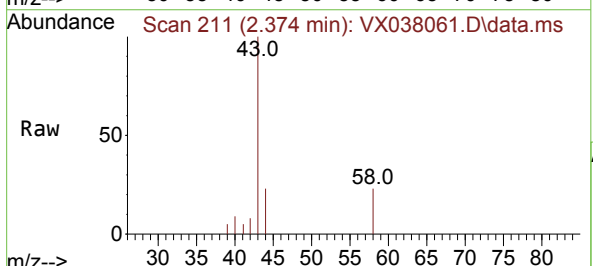
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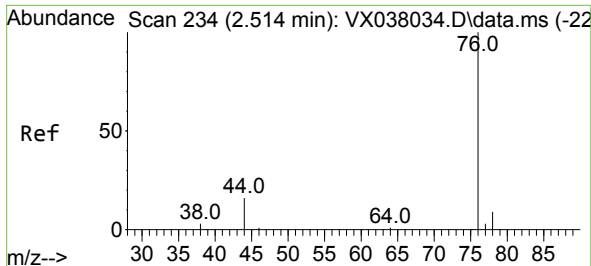
Tgt Ion: 43 Resp: 2305

Ion Ratio Lower Upper

43 100

58 23.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.266 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

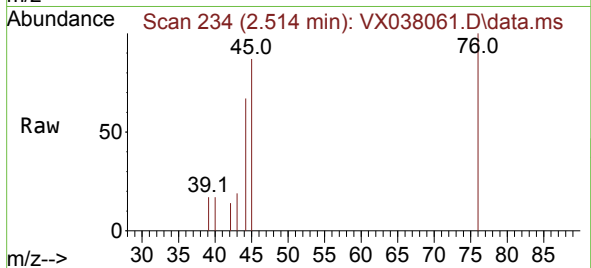
Lab File: VX038061.D

Acq: 04 Oct 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

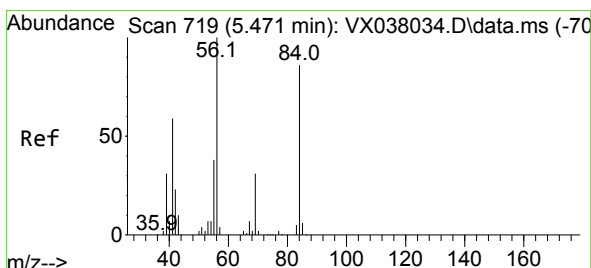
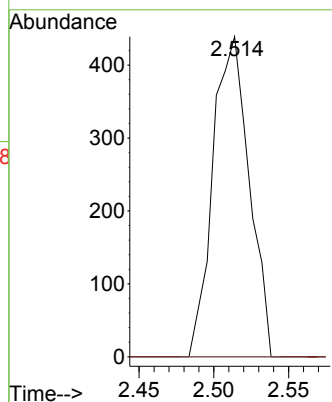


Tgt Ion: 76 Resp: 741

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#31

Cyclohexane

Concen: 1.601 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038061.D

Acq: 04 Oct 2023 13:38

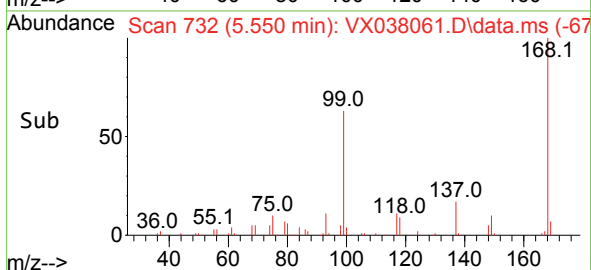
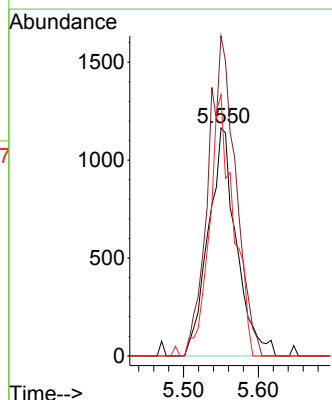
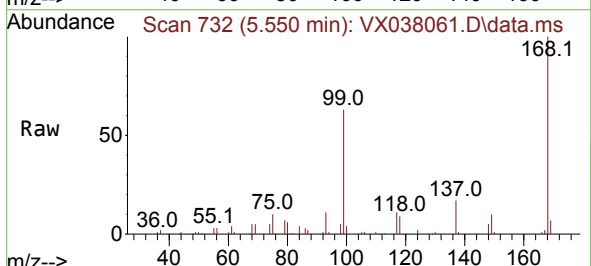
Tgt Ion: 56 Resp: 3034

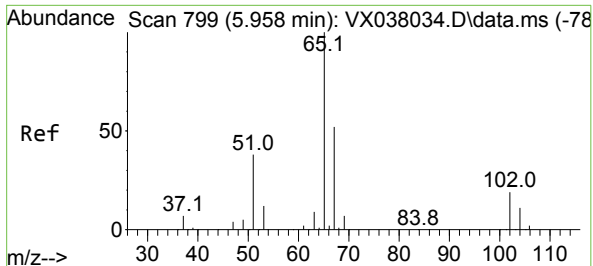
Ion Ratio Lower Upper

56 100

69 140.4 23.4 35.2#

84 114.5 65.9 98.9#

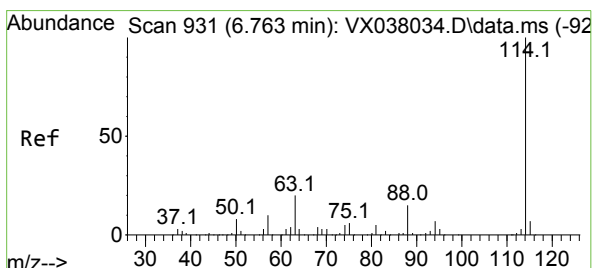
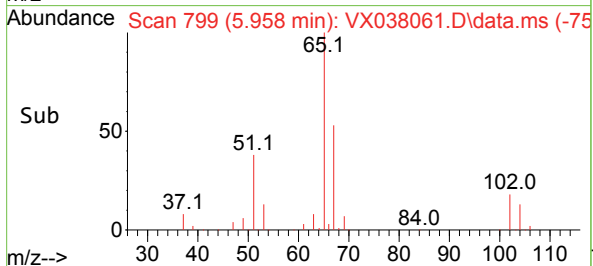
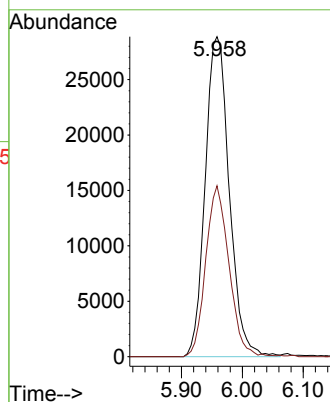
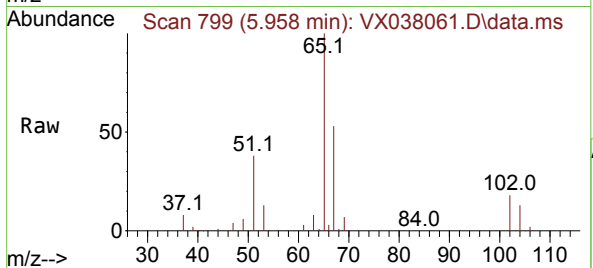




#33
 1,2-Dichloroethane-d4
 Concen: 48.888 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038061.D
 Acq: 04 Oct 2023 13:38

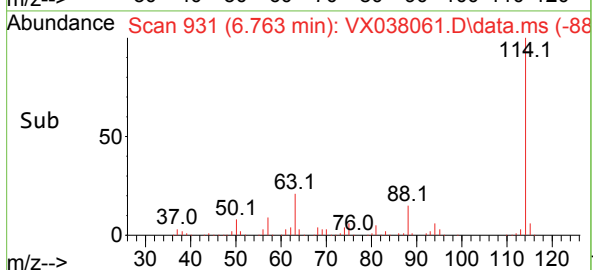
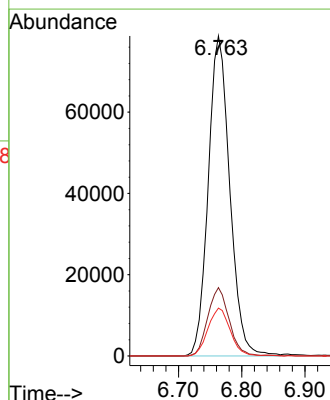
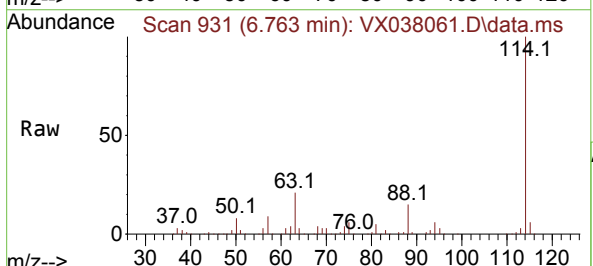
Instrument :
 MSVOA_X
 ClientSampleId :

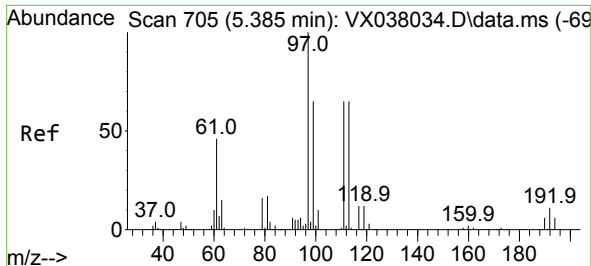
Tgt Ion: 65 Resp: 79206
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038061.D
 Acq: 04 Oct 2023 13:38

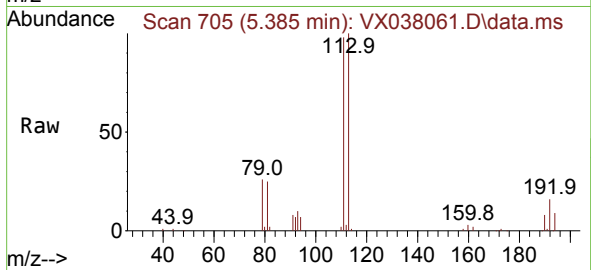
Tgt Ion:114 Resp: 186454
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 15.0 0.0 36.6



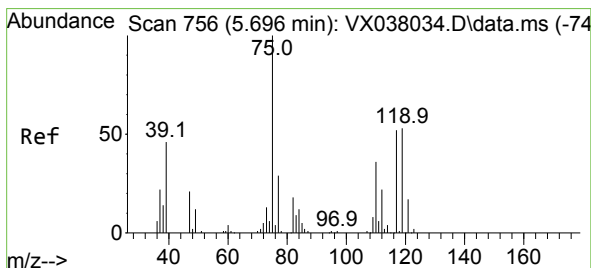
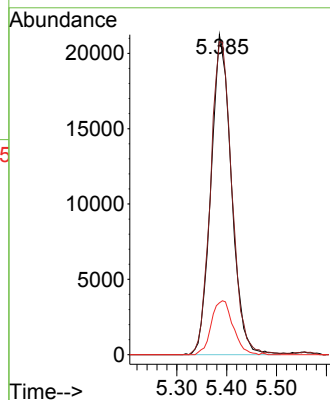
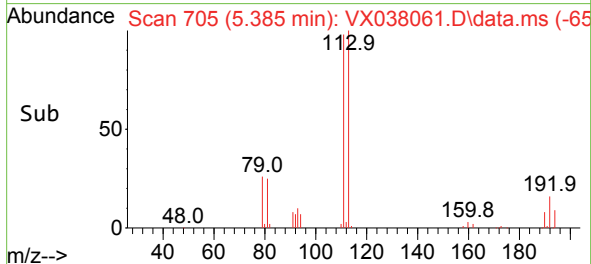


#35
 Dibromofluoromethane
 Concen: 47.294 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038061.D
 Acq: 04 Oct 2023 13:38

Instrument :
 MSVOA_X
 ClientSampleId :

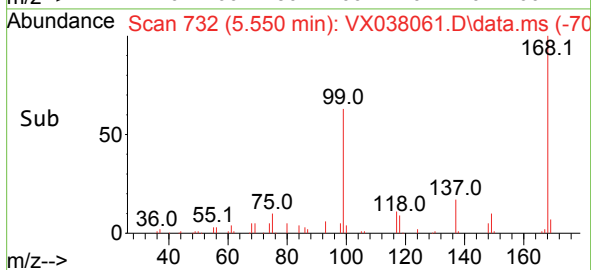
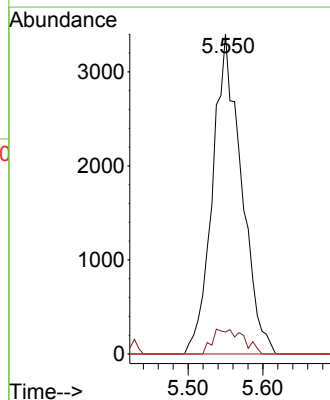
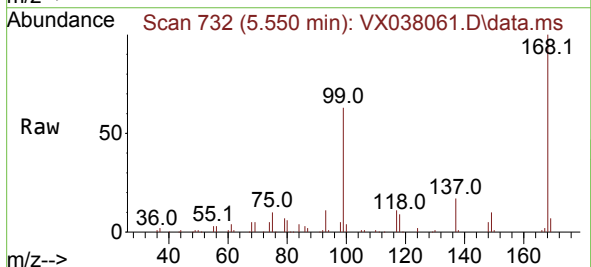


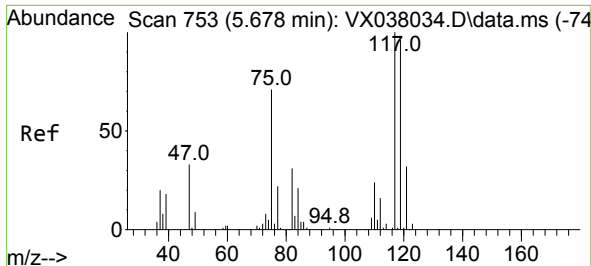
Tgt Ion:113 Resp: 60496
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 17.9 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.838 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX038061.D
 Acq: 04 Oct 2023 13:38

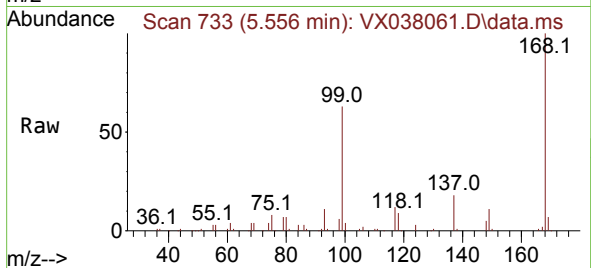
Tgt Ion: 75 Resp: 9121
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.0 50.9#
 77 0.0 24.7 37.1#



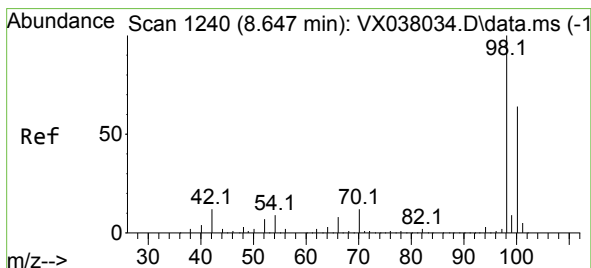
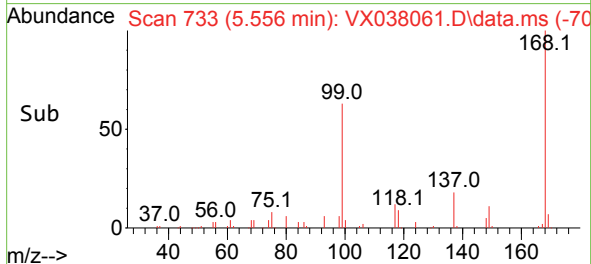
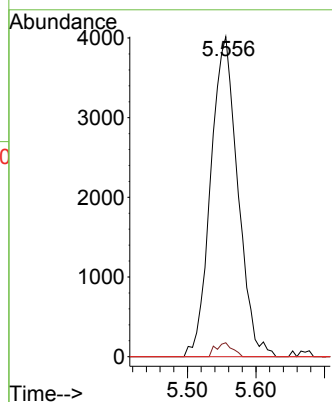


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :

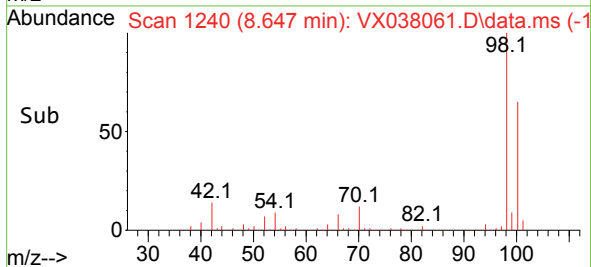
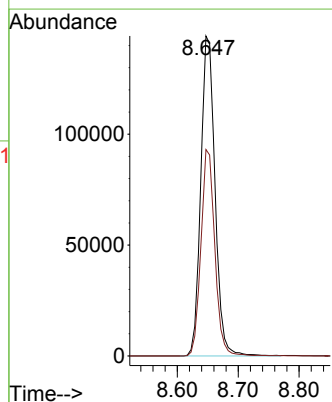
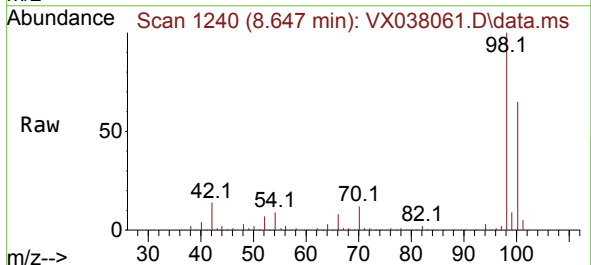


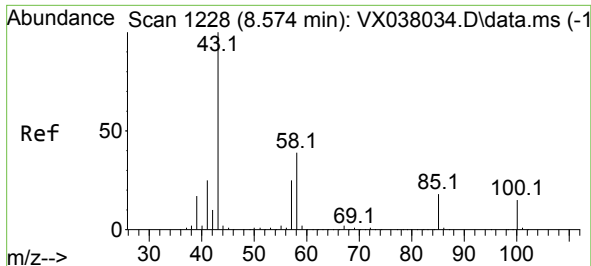
Tgt Ion:117 Resp: 11039
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.030 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

Tgt Ion: 98 Resp: 235120
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7

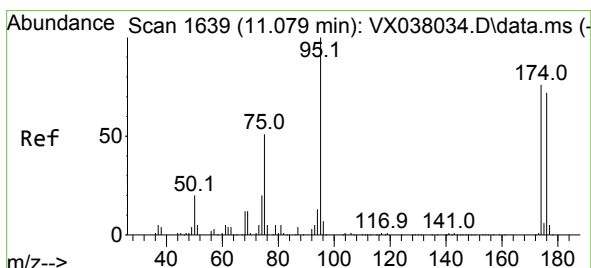
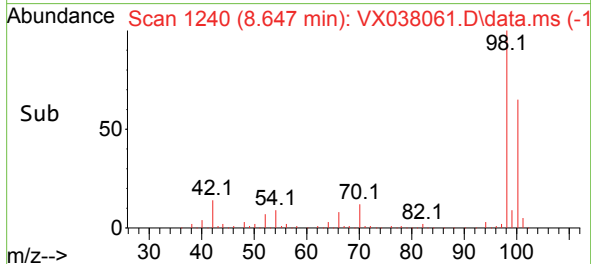
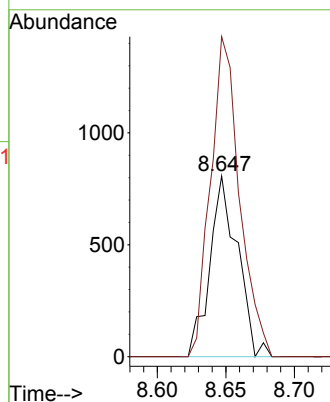
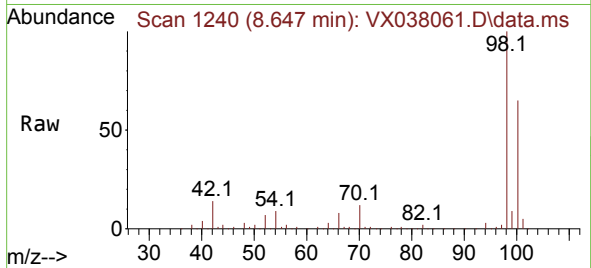




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.073 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

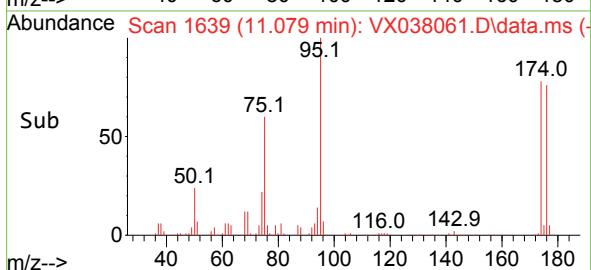
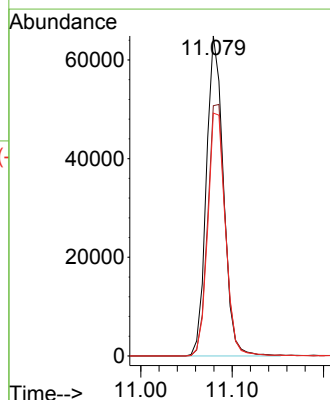
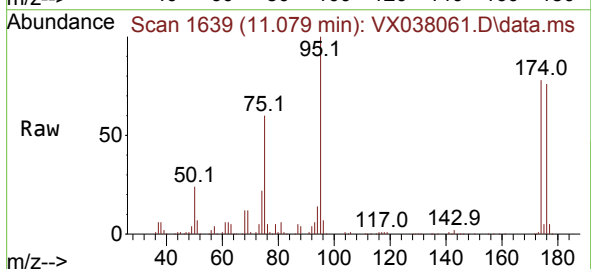
Instrument :
MSVOA_X
ClientSampleId :

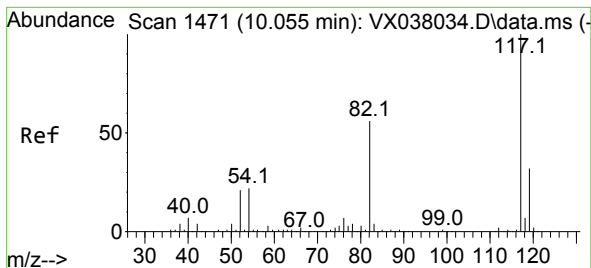
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 186.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

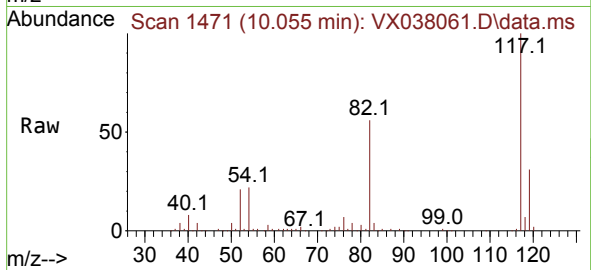
Tgt Ion: 95 Resp: 84138
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 78.4 0.0 131.0



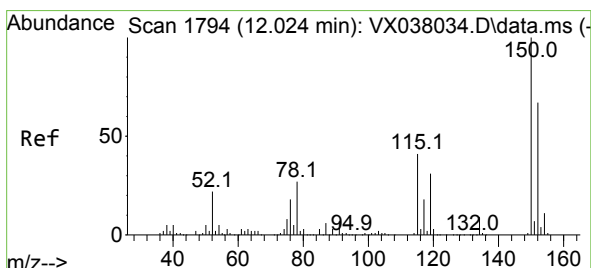
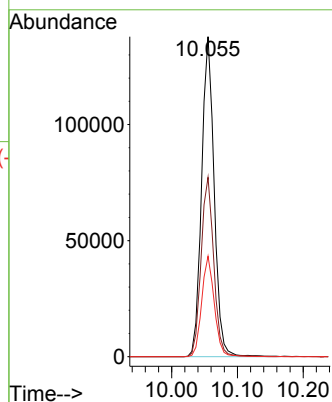
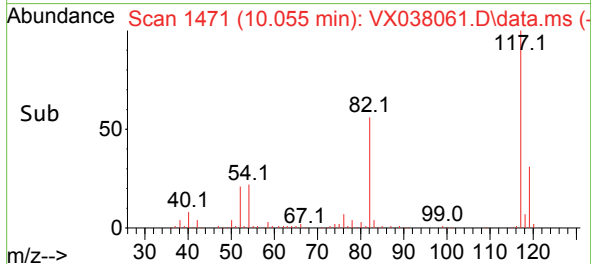


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38

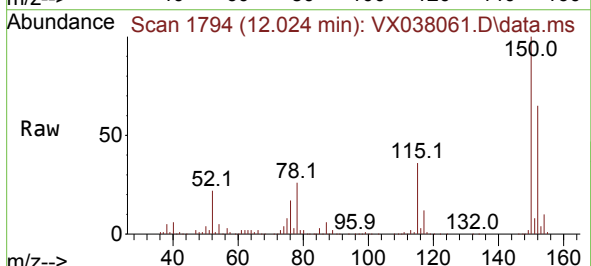
Instrument :
MSVOA_X
ClientSampleId :



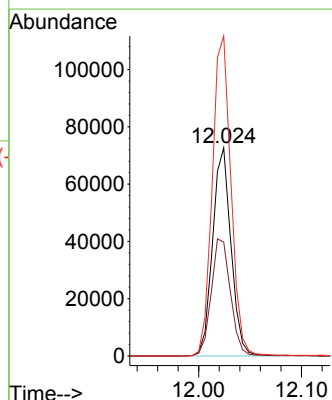
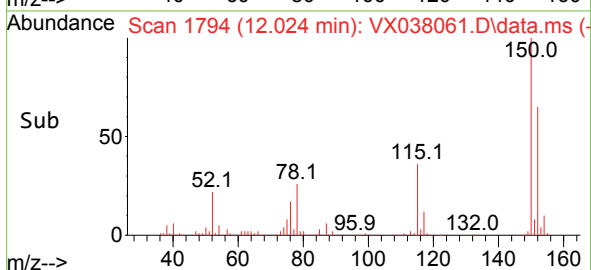
Tgt Ion:117 Resp: 182691
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 31.4 25.5 38.3

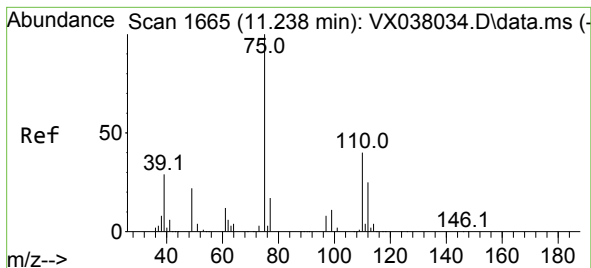


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038061.D
Acq: 04 Oct 2023 13:38



Tgt Ion:152 Resp: 90075
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.310 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038061.D

Acq: 04 Oct 2023 13:38

Instrument :

MSVOA_X

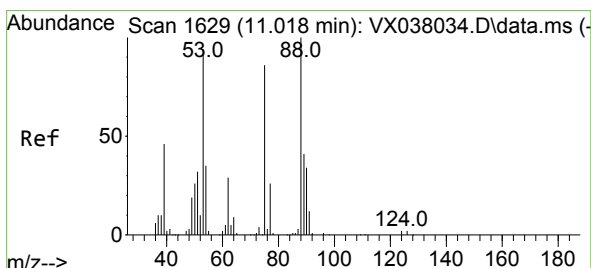
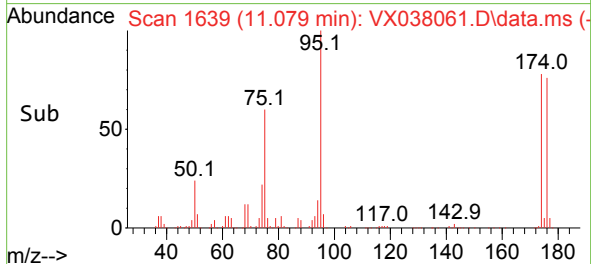
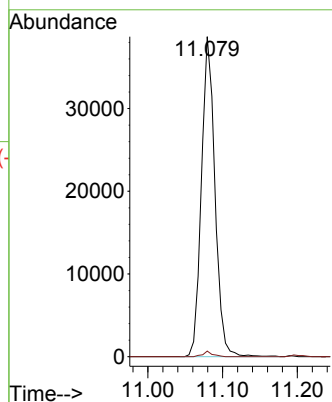
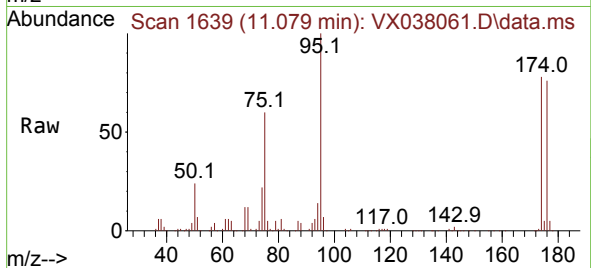
ClientSampleId :

Tgt Ion: 75 Resp: 48638

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.723 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038061.D

Acq: 04 Oct 2023 13:38

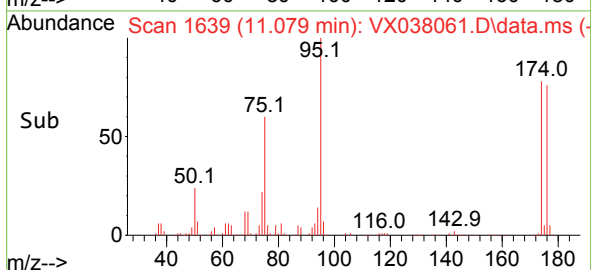
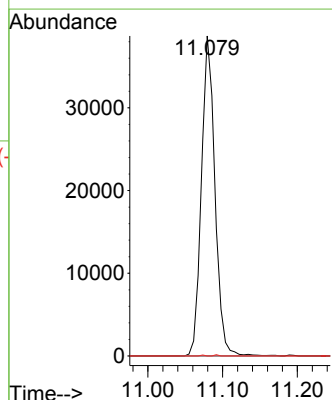
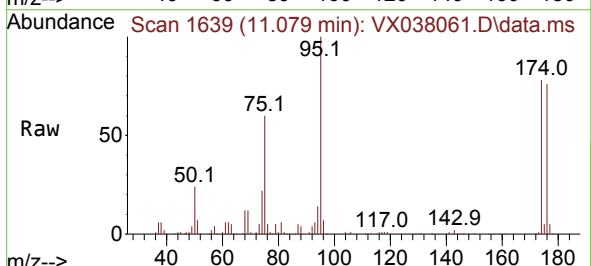
Tgt Ion: 75 Resp: 48638

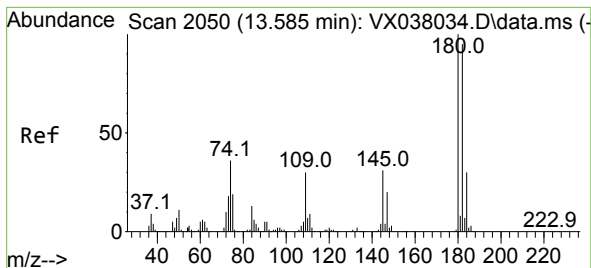
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.246 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038061.D

Acq: 04 Oct 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

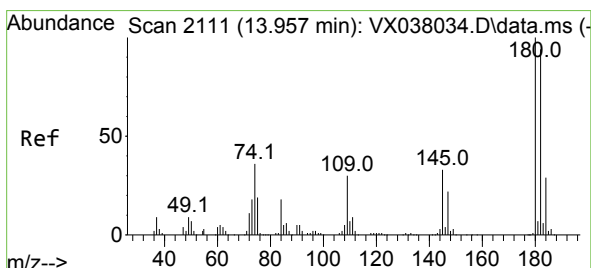
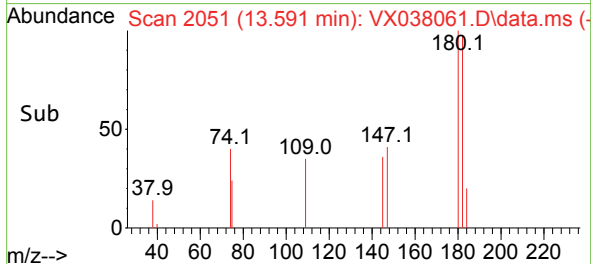
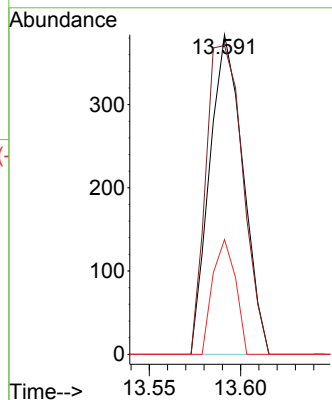
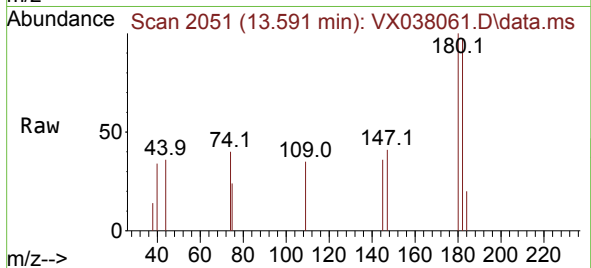
Tgt Ion:180 Resp: 489

Ion Ratio Lower Upper

180 100

182 106.7 48.3 144.8

145 24.5 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.208 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038061.D

Acq: 04 Oct 2023 13:38

Tgt Ion:180 Resp: 399

Ion Ratio Lower Upper

180 100

182 100.3 46.9 140.6

145 27.6 17.8 53.5

