

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038882.D
 Acq On : 17 Nov 2023 15:52
 Operator : JC/MD
 Sample : 05403-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 22:51:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

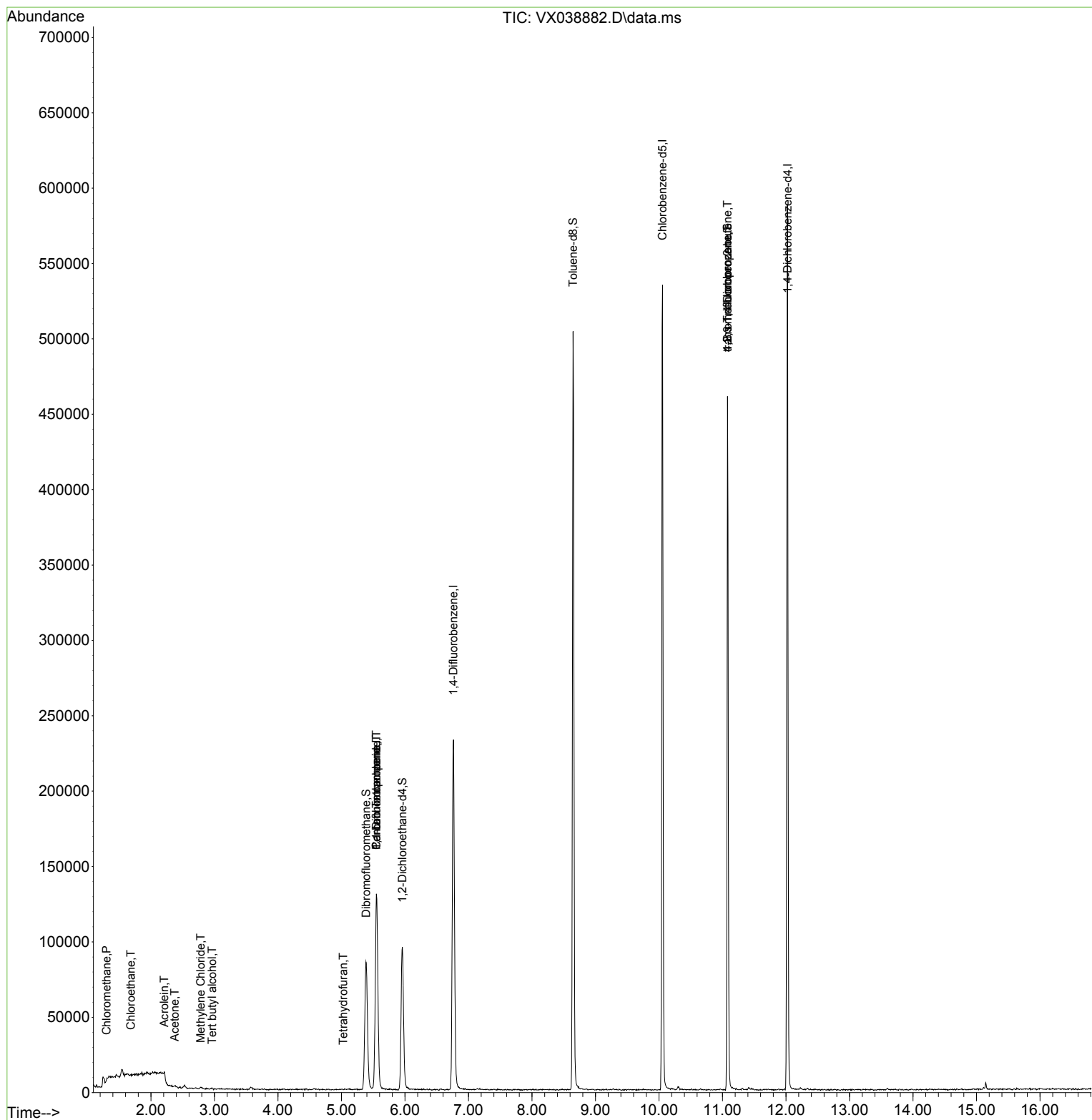
Internal Standards						
1) Pentafluorobenzene	5.550	168	118560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89101	46.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.385	113	77516	44.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.460%
50) Toluene-d8	8.647	98	301228	45.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.860%#
62) 4-Bromofluorobenzene	11.079	95	127289	47.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	661	0.366	ug/l #	88
6) Chloroethane	1.685	64	233	0.235	ug/l #	67
11) Tert butyl alcohol	2.965	59	354	0.666	ug/l #	78
13) Acrolein	2.209	56	444	1.579	ug/l #	44
16) Acetone	2.374	43	1125	1.106	ug/l #	72
20) Methylene Chloride	2.782	84	613	0.334	ug/l #	61
29) Tetrahydrofuran	5.026	42	220	0.210	ug/l #	61
36) 1,1-Dichloropropene	5.550	75	10744	4.326	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13061	5.690	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	65066	21.599	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65066	47.909	ug/l #	5

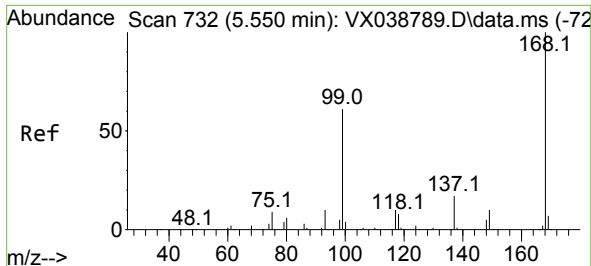
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

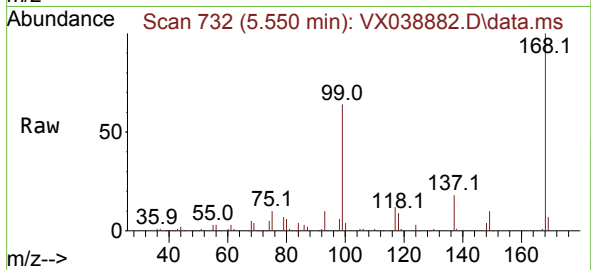
Lab File: VX038882.D

Acq: 17 Nov 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

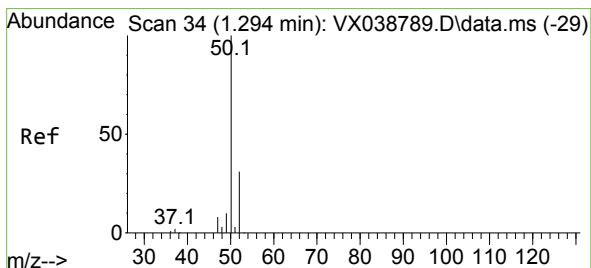
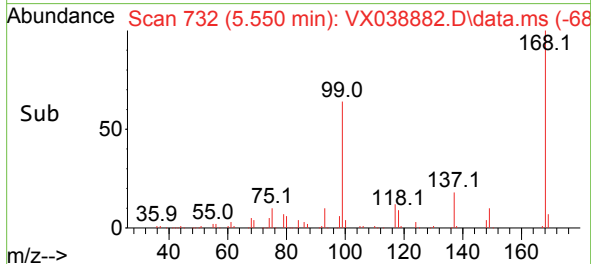
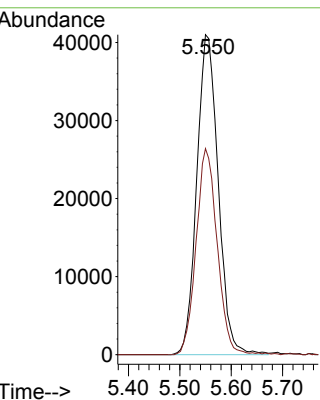


Tgt Ion:168 Resp: 118560

Ion Ratio Lower Upper

168 100

99 64.4 56.6 85.0



#3

Chloromethane

Concen: 0.366 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX038882.D

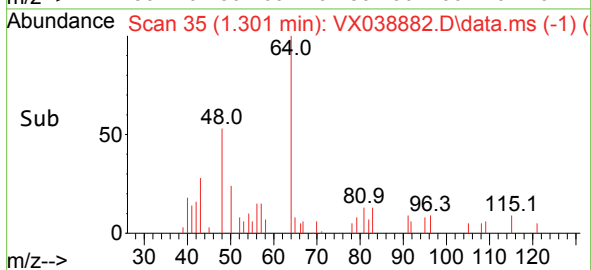
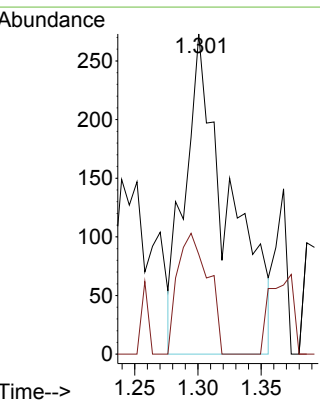
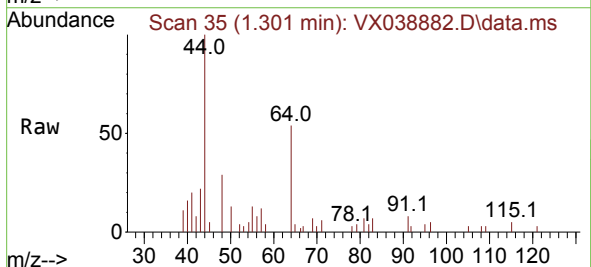
Acq: 17 Nov 2023 15:52

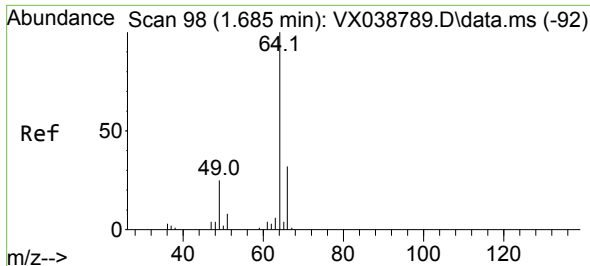
Tgt Ion: 50 Resp: 661

Ion Ratio Lower Upper

50 100

52 38.8 25.5 38.3#

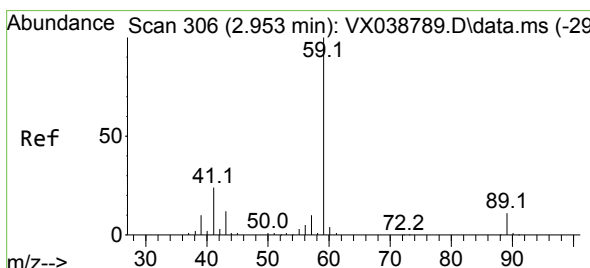
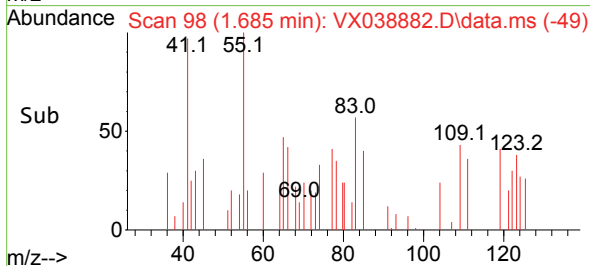
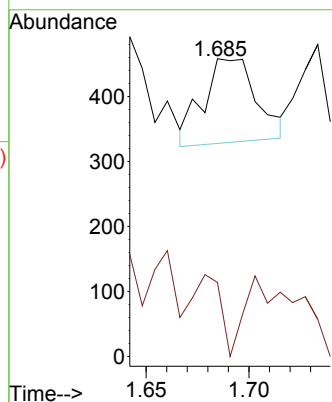
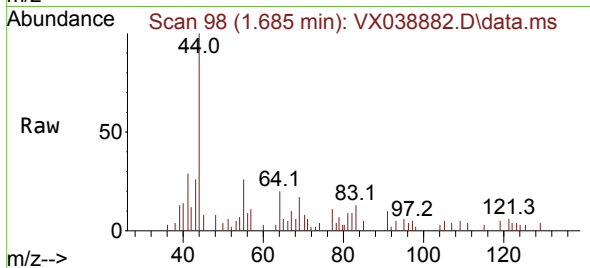




#6
Chloroethane
Concen: 0.235 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

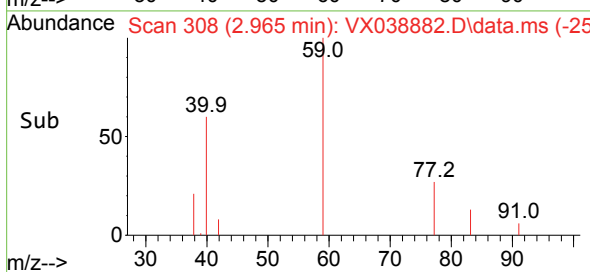
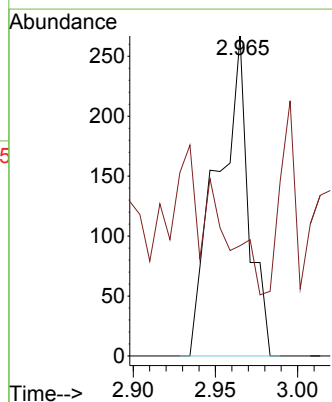
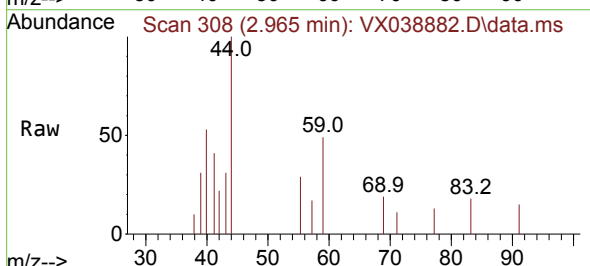
Instrument :
MSVOA_X
ClientSampleId :

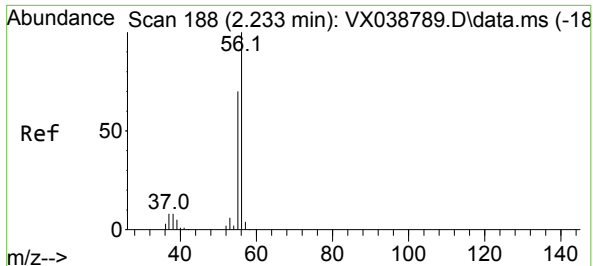
Tgt Ion: 64 Resp: 233
Ion Ratio Lower Upper
64 100
66 49.5 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.666 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.012 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

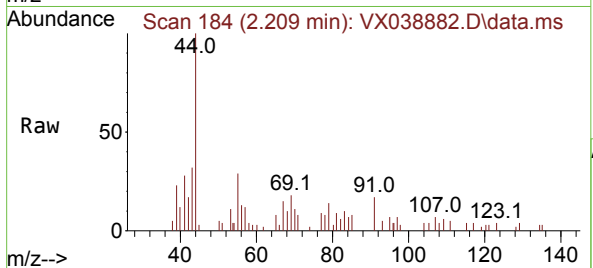
Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



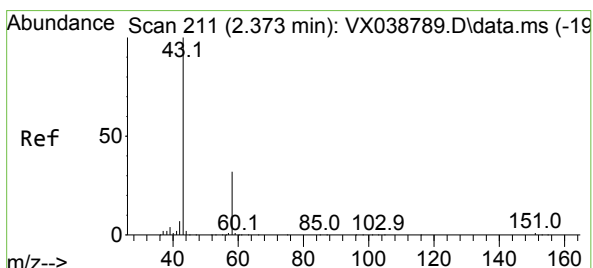
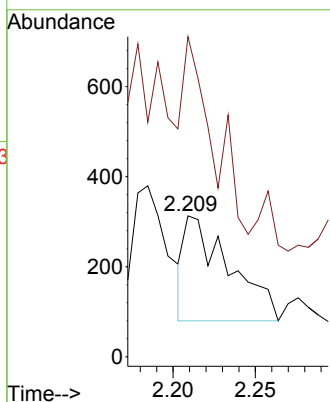
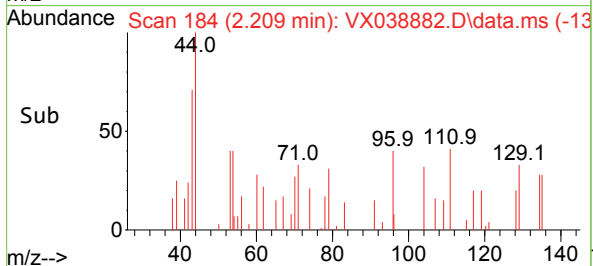


#13
Acrolein
Concen: 1.579 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.024 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

Instrument :
MSVOA_X
ClientSampleId :

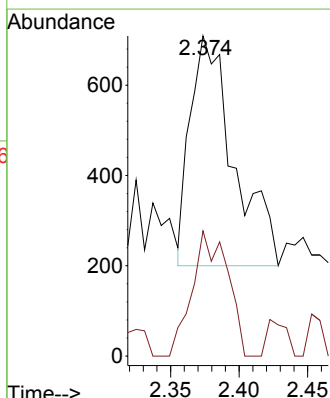
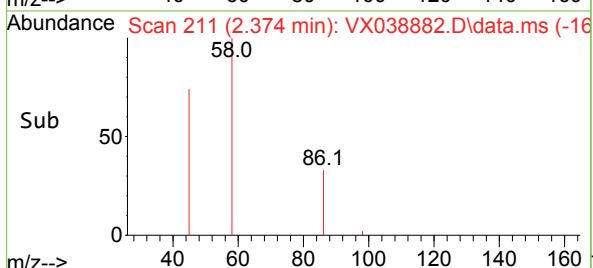
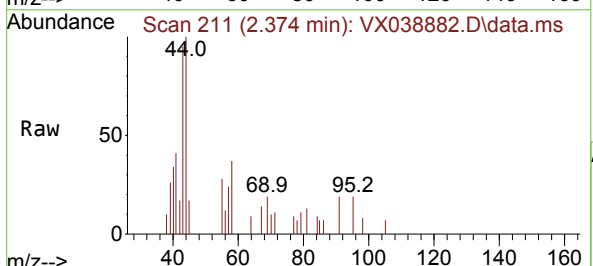


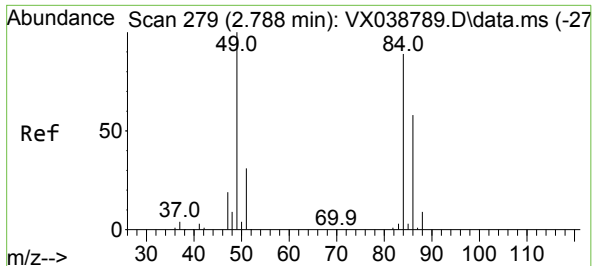
Tgt Ion: 56 Resp: 444
Ion Ratio Lower Upper
56 100
55 117.8 57.1 85.7#



#16
Acetone
Concen: 1.106 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

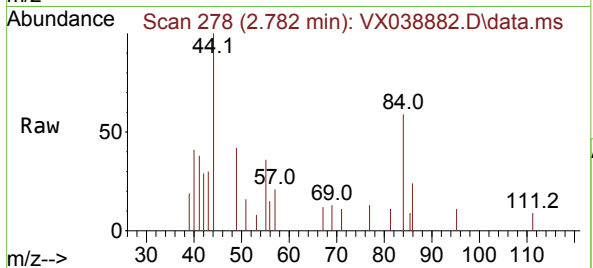
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 42.0 21.9 32.9#





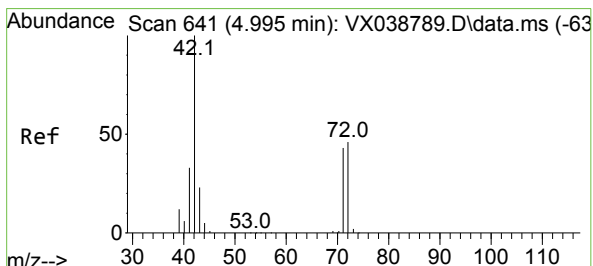
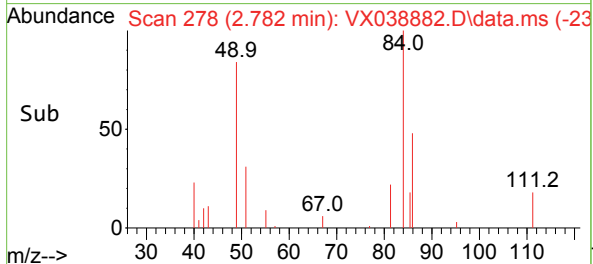
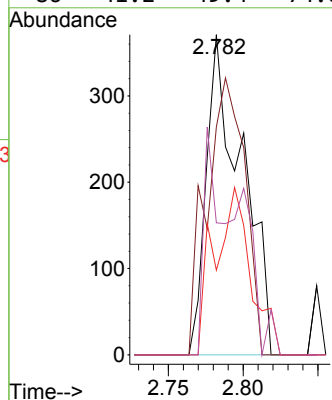
#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 613

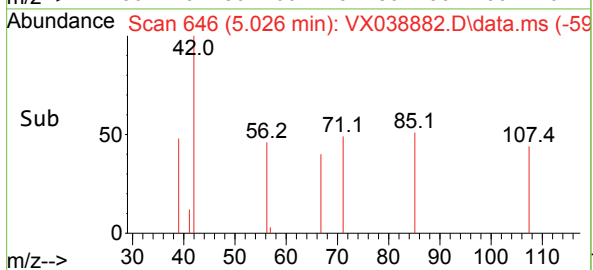
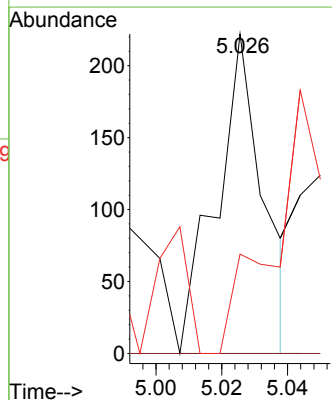
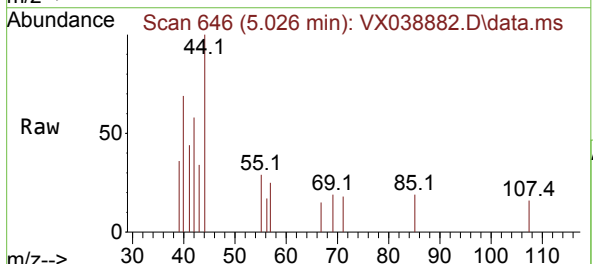
Ion	Ratio	Lower	Upper
84	100		
49	71.2	103.6	155.4#
51	26.4	33.8	50.6#
86	41.2	49.4	74.0#

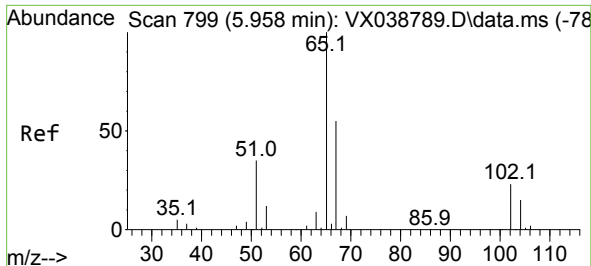


#29
Tetrahydrofuran
Concen: 0.210 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.031 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

Tgt Ion: 42 Resp: 220

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	35.0	32.2	48.2





#33

1,2-Dichloroethane-d4

Concen: 46.640 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038882.D

Acq: 17 Nov 2023 15:52

Instrument :

MSVOA_X

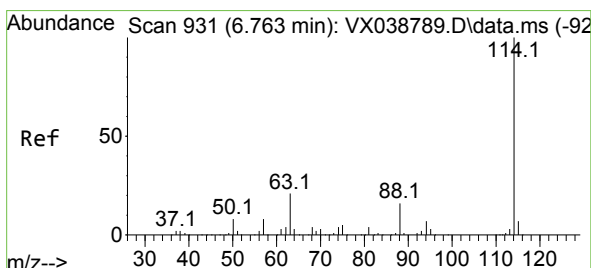
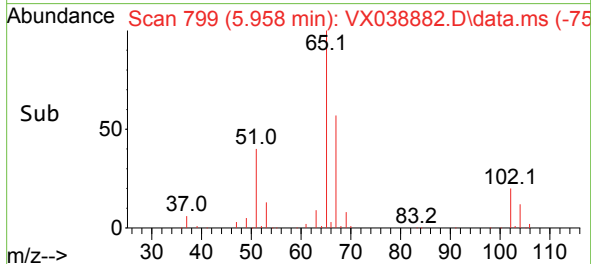
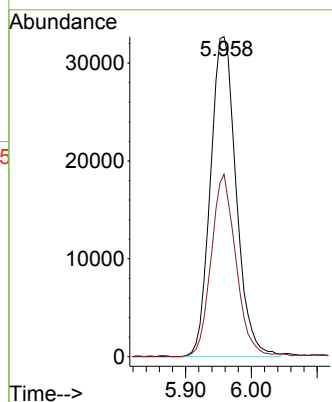
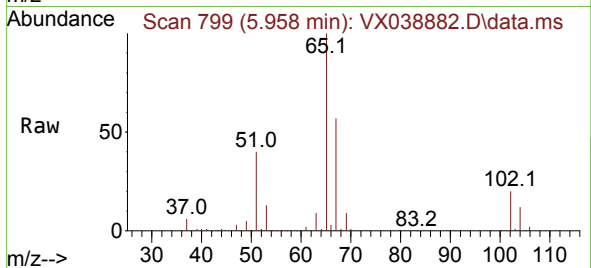
ClientSampleId :

Tgt Ion: 65 Resp: 89101

Ion Ratio Lower Upper

65 100

67 55.1 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: VX038882.D

Acq: 17 Nov 2023 15:52

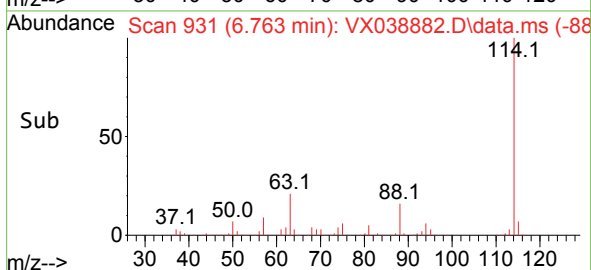
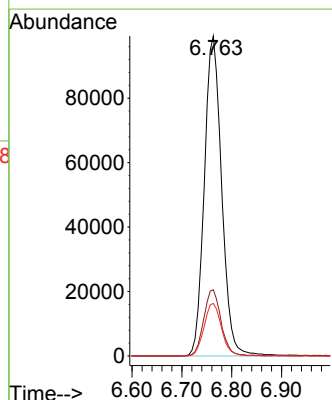
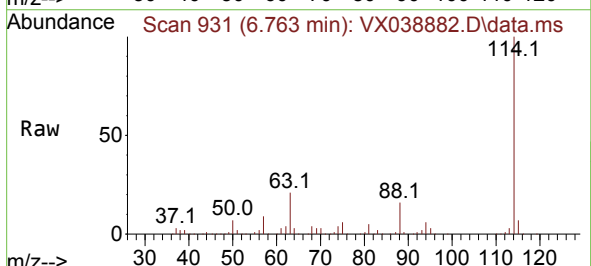
Tgt Ion: 114 Resp: 239949

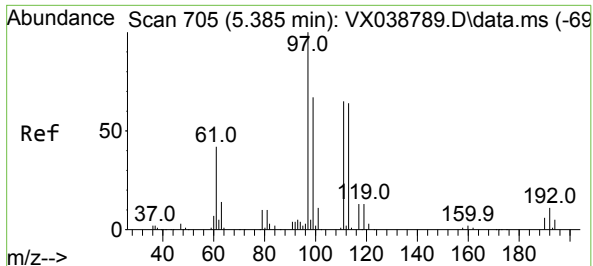
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

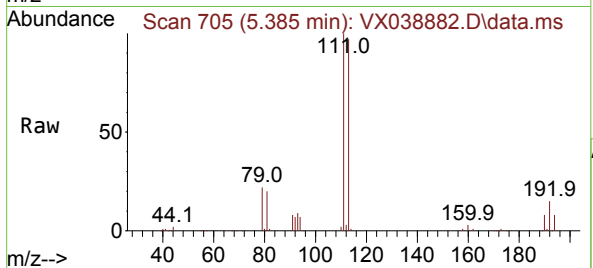
88 16.4 0.0 36.6



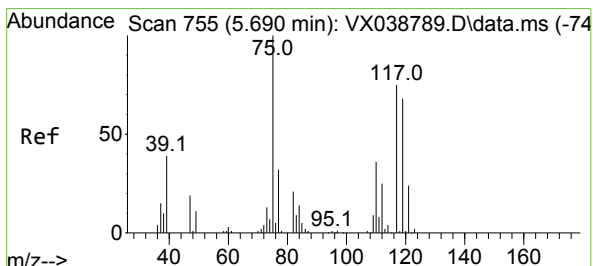
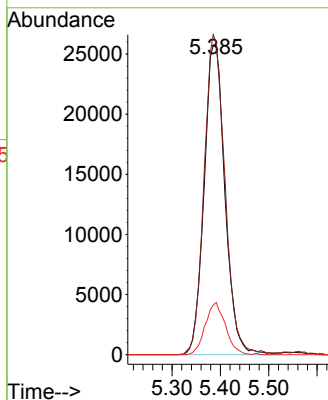
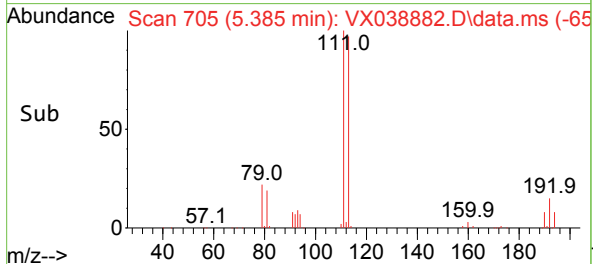


#35
Dibromofluoromethane
Concen: 44.730 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

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ClientSampleId :

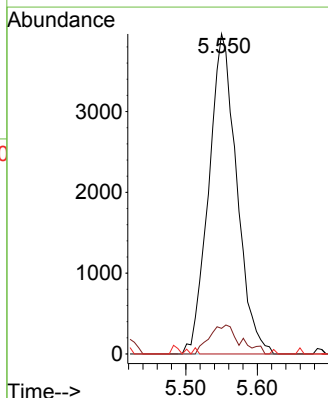
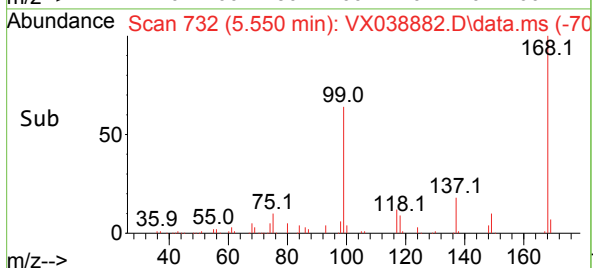
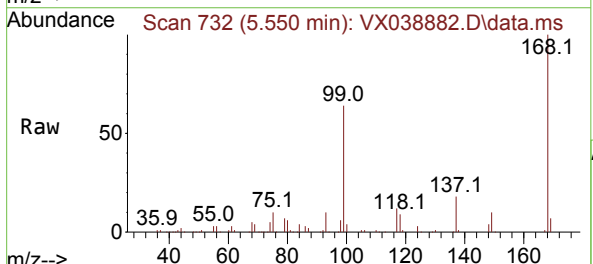


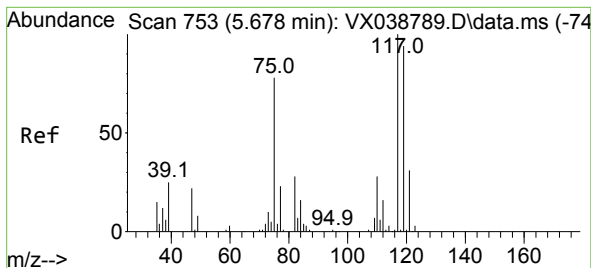
Tgt Ion:113 Resp: 77516
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.326 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

Tgt Ion: 75 Resp: 10744
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.690 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

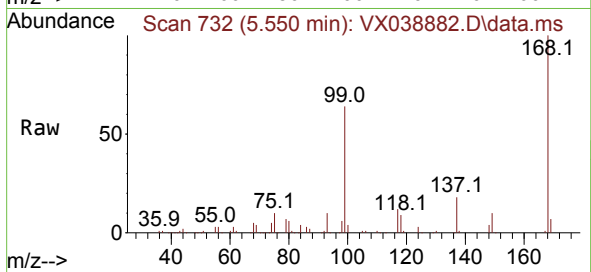
Lab File: VX038882.D

Acq: 17 Nov 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :



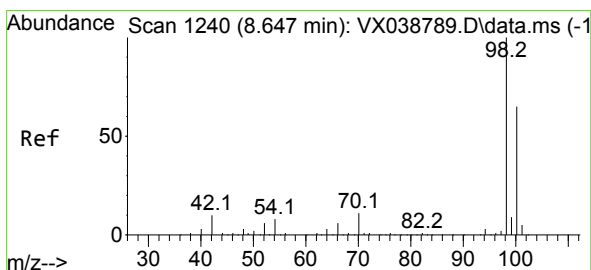
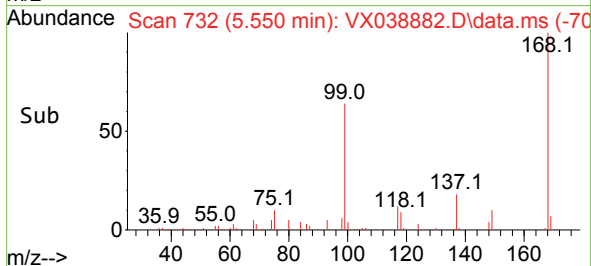
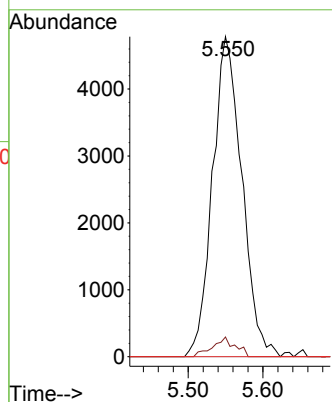
Tgt Ion:117 Resp: 13061

Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 45.431 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038882.D

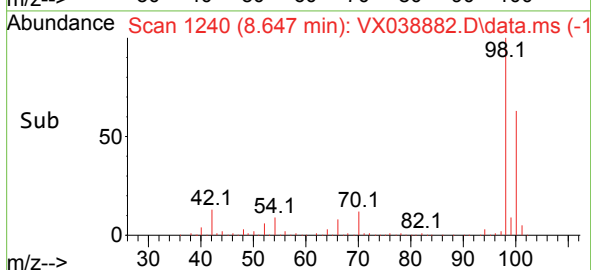
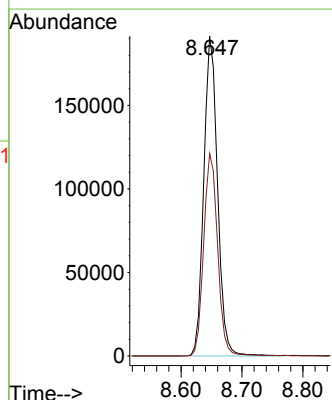
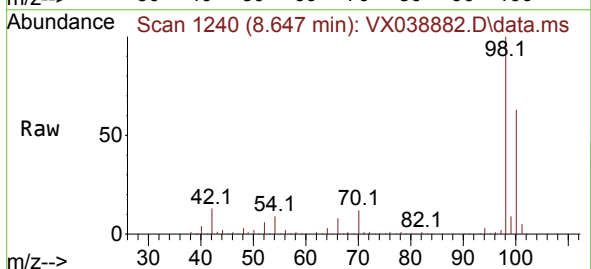
Acq: 17 Nov 2023 15:52

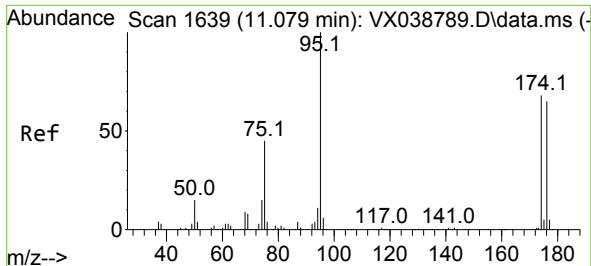
Tgt Ion: 98 Resp: 301228

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

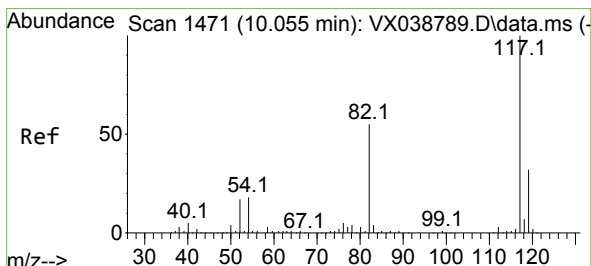
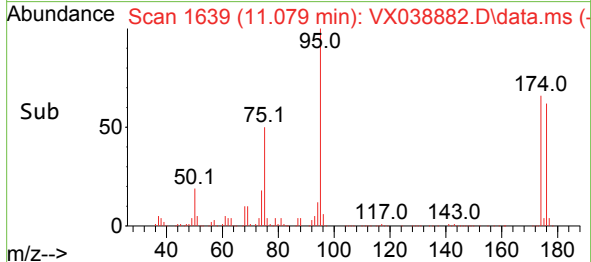
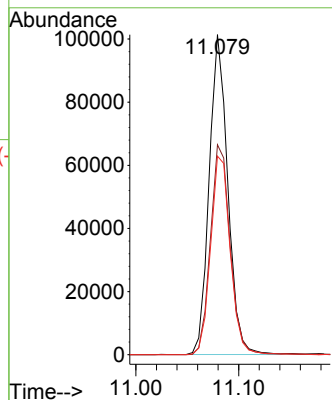
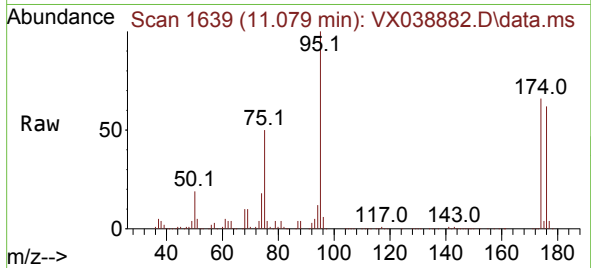




#62
4-Bromofluorobenzene
Concen: 47.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

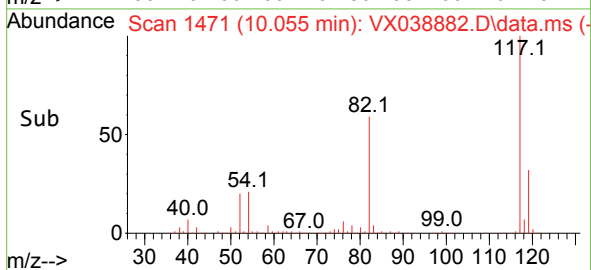
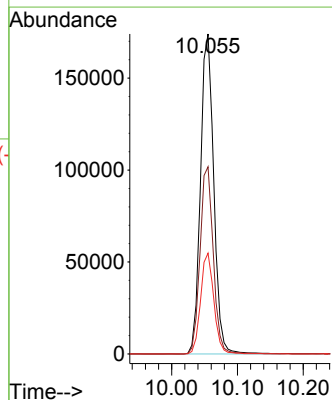
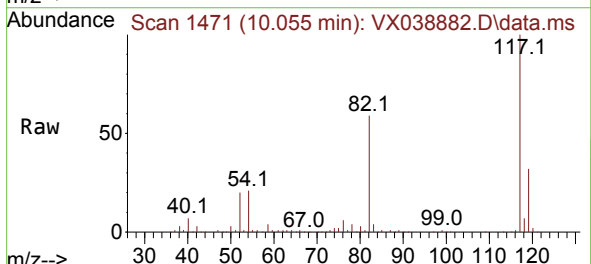
Instrument :
MSVOA_X
ClientSampleId :

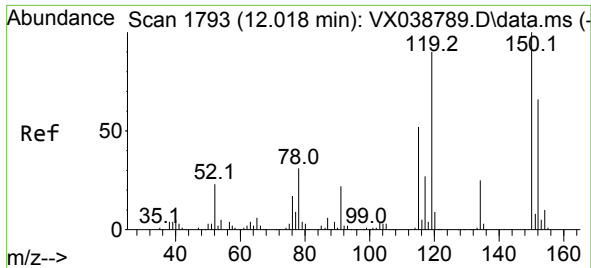
Tgt Ion: 95 Resp: 127289
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 65.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

Tgt Ion: 117 Resp: 244120
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.5 25.5 38.3

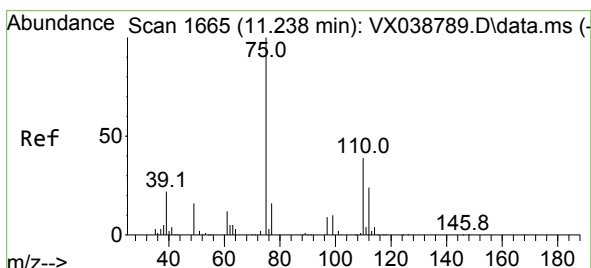
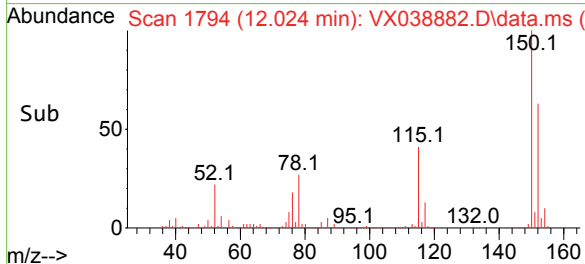
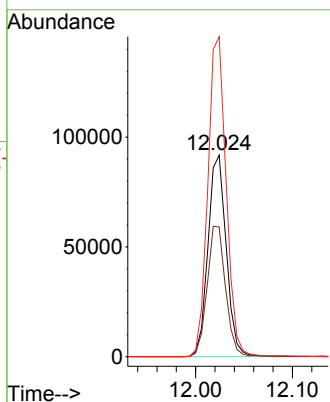
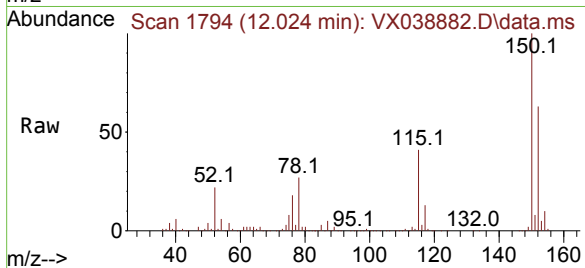




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX038882.D
 Acq: 17 Nov 2023 15:52

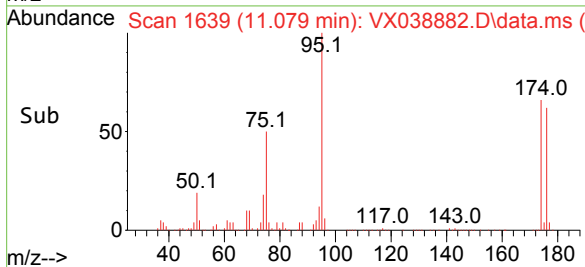
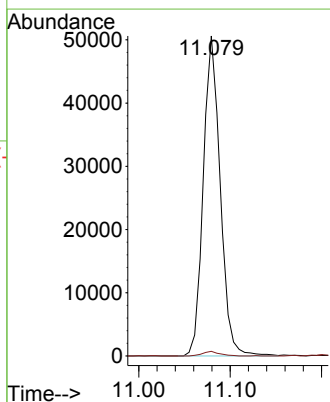
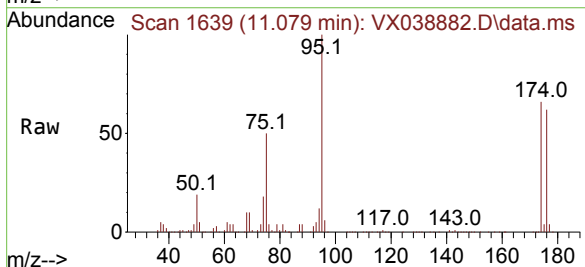
Instrument :
 MSVOA_X
 ClientSampleId :

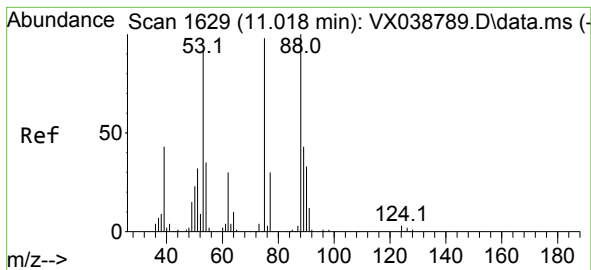
Tgt Ion:152 Resp: 120741
 Ion Ratio Lower Upper
 152 100
 115 65.6 43.3 129.9
 150 159.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.599 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038882.D
 Acq: 17 Nov 2023 15:52

Tgt Ion: 75 Resp: 65066
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.909 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038882.D
 Acq: 17 Nov 2023 15:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 65066
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

