

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036892.D
 Acq On : 09 Aug 2023 17:08
 Operator : JC/MD
 Sample : 03924-01 20X
 Misc : 1.00g/10mL100uL/5.00mLMSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1115ME

Quant Time: Aug 10 01:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

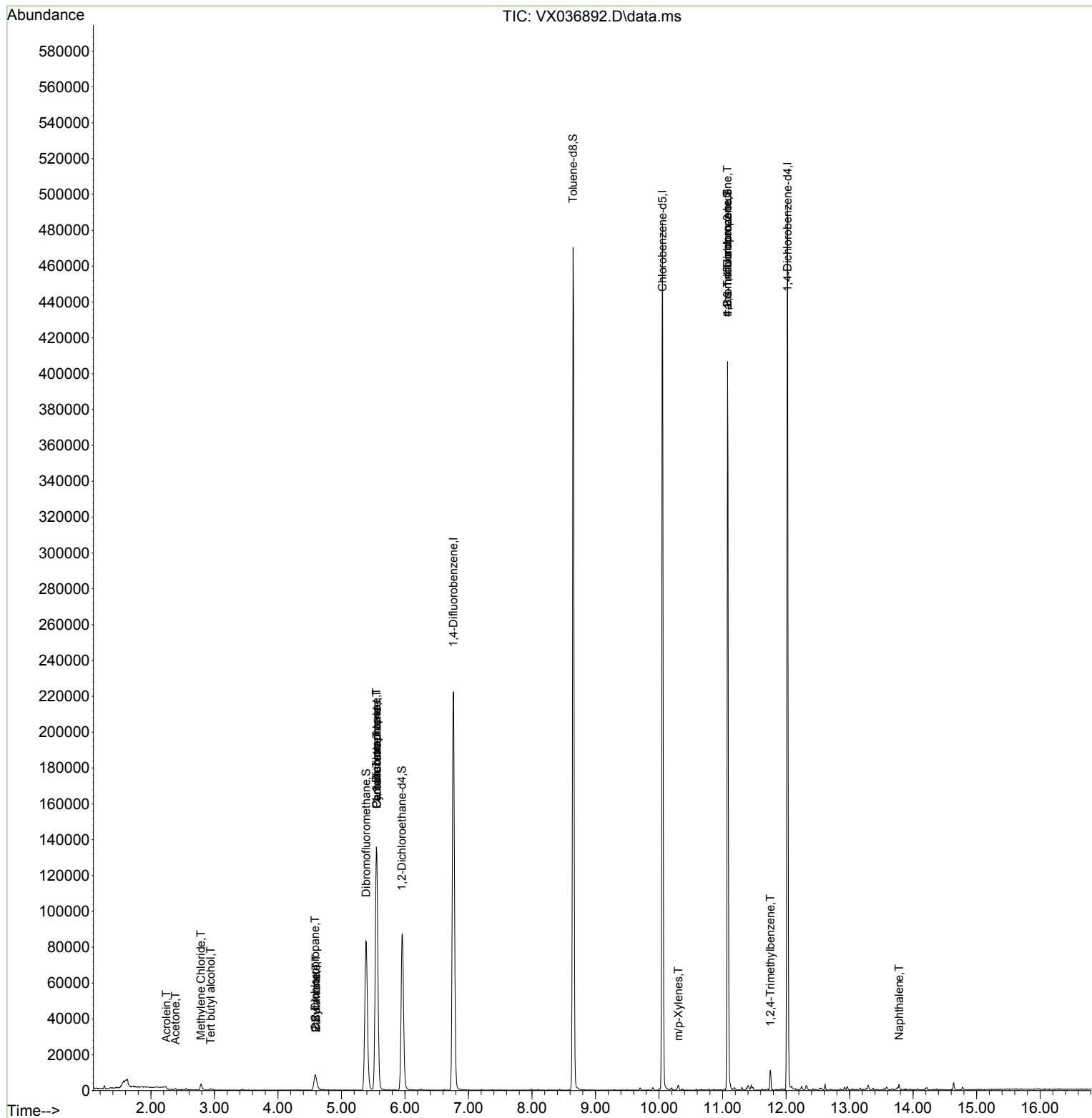
Internal Standards						
1) Pentafluorobenzene	5.556	168	126940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87728	46.707	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.420%		
35) Dibromofluoromethane	5.385	113	74056	46.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.820%		
50) Toluene-d8	8.647	98	278734	49.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.079	95	108209	50.684	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.360%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	551	1.239	ug/l #	78
13) Acrolein	2.239	56	68	0.268	ug/l #	14
16) Acetone	2.386	43	793	1.017	ug/l #	74
20) Methylene Chloride	2.788	84	1859	1.072	ug/l #	87
25) 2-Butanone	4.599	43	745	0.589	ug/l #	51
26) 2,2-Dichloropropane	4.587	77	727	0.259	ug/l #	54
31) Cyclohexane	5.556	56	3015	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10462	4.399	ug/l #	51
37) Ethyl Acetate	4.599	43	745	0.277	ug/l #	38
38) Carbon Tetrachloride	5.556	117	13634	5.392	ug/l #	15
68) m/p-Xylenes	10.305	106	722	0.222	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	56546	23.562	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56546	53.405	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	5464	0.773	ug/l	96
95) Naphthalene	13.780	128	2195	0.297	ug/l #	97

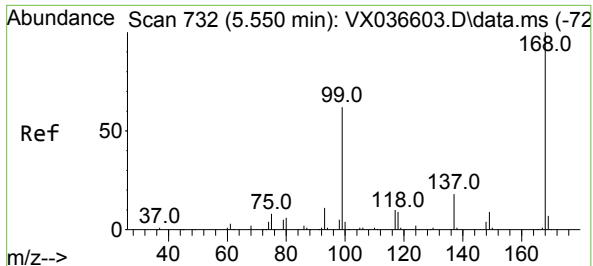
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
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1115ME

Quant Time: Aug 10 01:19:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

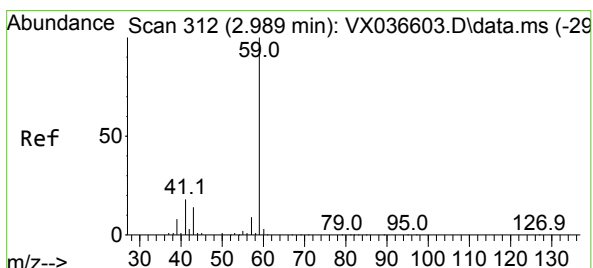
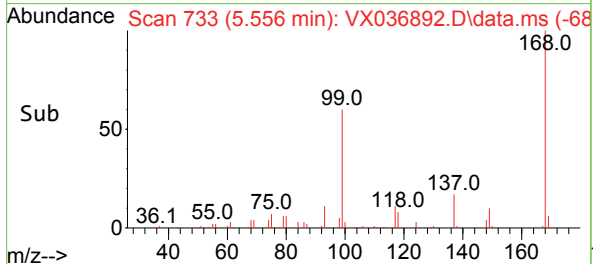
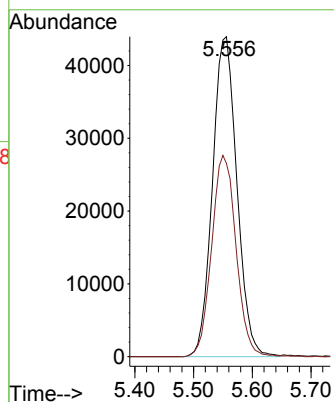
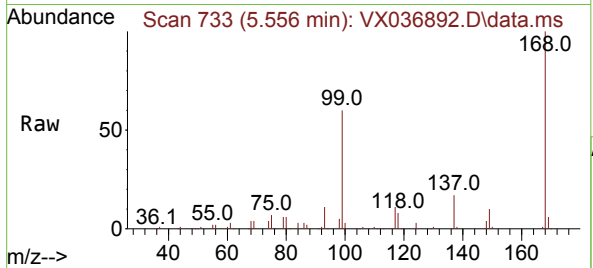




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

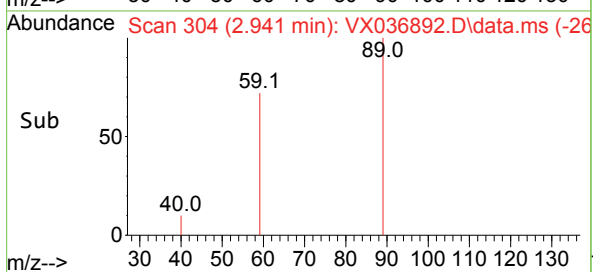
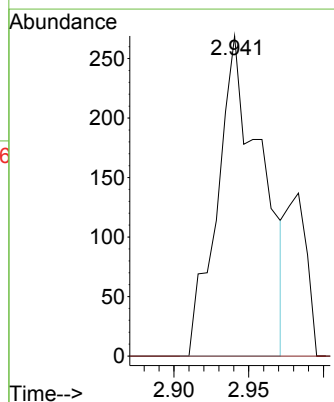
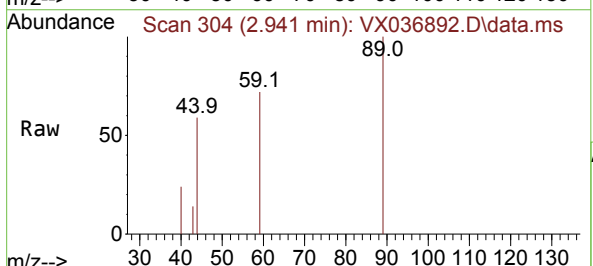
Instrument :
MSVOA_X
ClientSampleId :
1115ME

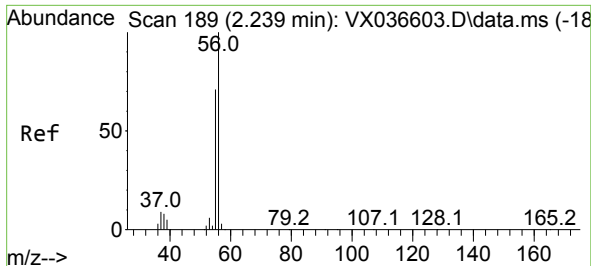
Tgt Ion:168 Resp: 126940
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.239 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Tgt Ion: 59 Resp: 551
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.268 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036892.D

Acq: 09 Aug 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

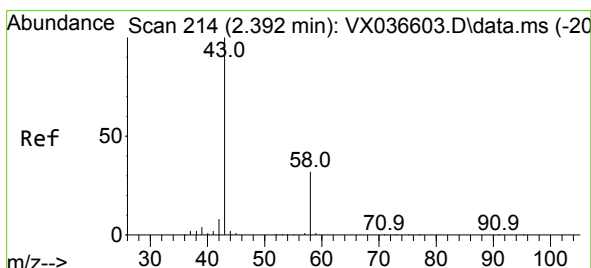
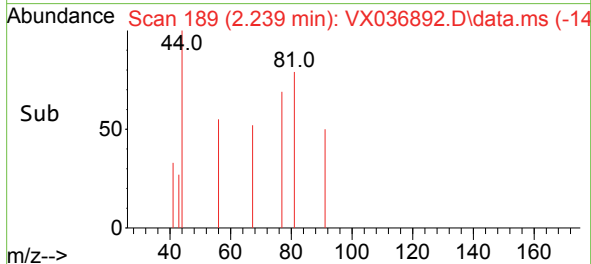
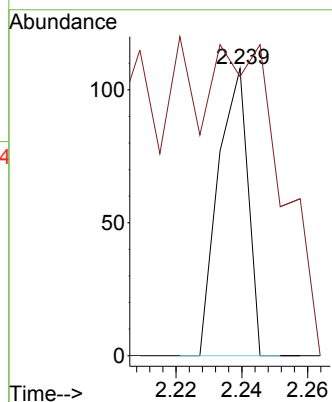
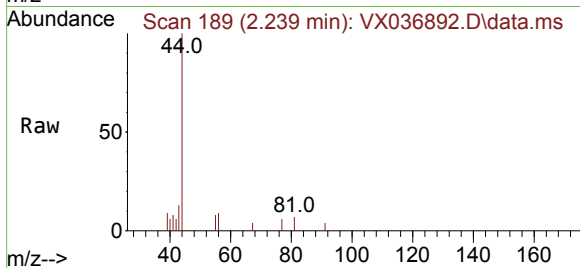
1115ME

Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 1.017 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX036892.D

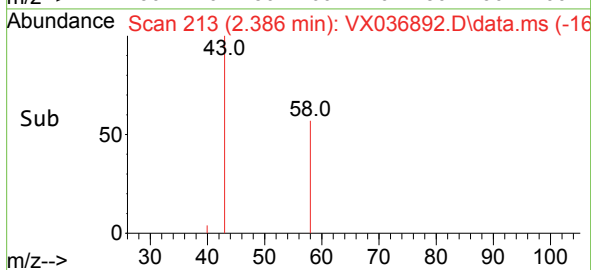
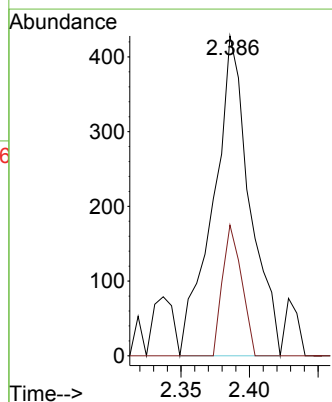
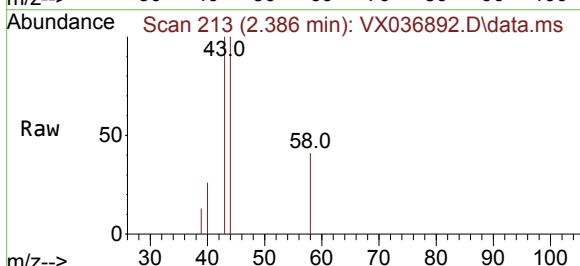
Acq: 09 Aug 2023 17:08

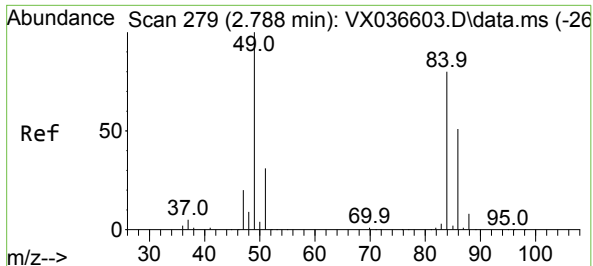
Tgt Ion: 43 Resp: 793

Ion Ratio Lower Upper

43 100

58 40.9 21.9 32.9#

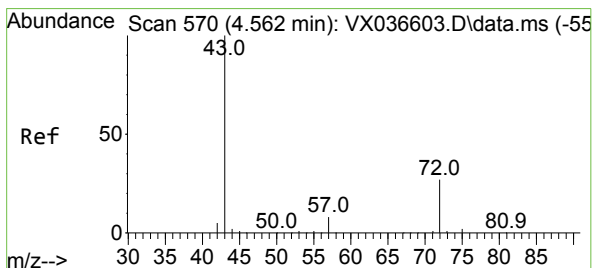
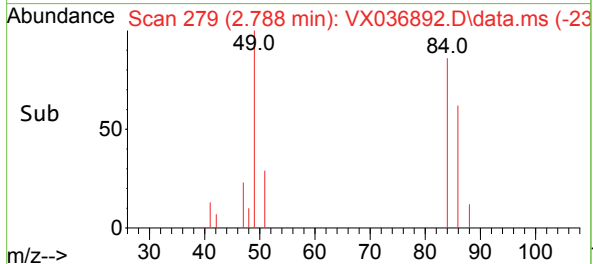
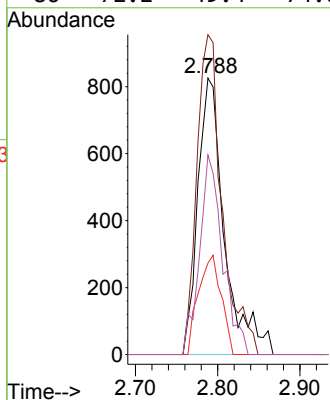
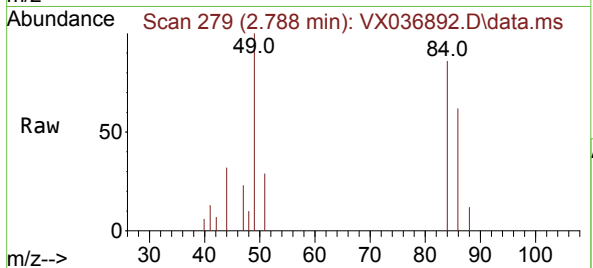




#20
Methylene Chloride
Concen: 1.072 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

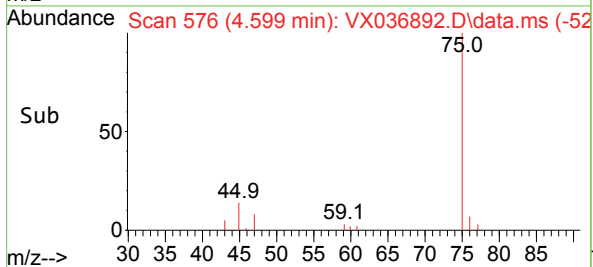
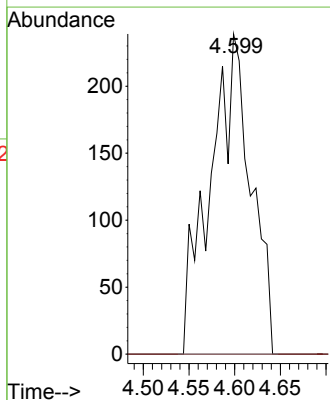
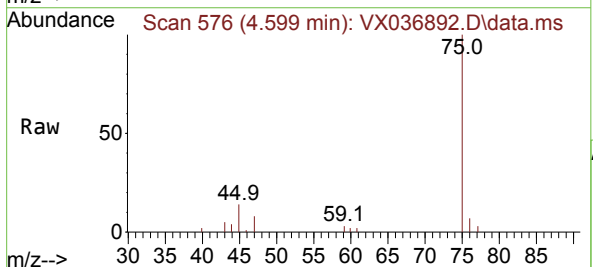
Instrument :
MSVOA_X
ClientSampleId :
1115ME

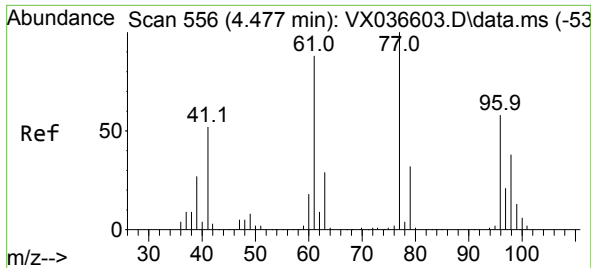
Tgt Ion:	84	Resp:	1859
Ion	Ratio	Lower	Upper
84	100		
49	115.8	103.6	155.4
51	33.1	33.8	50.6#
86	72.2	49.4	74.0



#25
2-Butanone
Concen: 0.589 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.037 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Tgt Ion:	43	Resp:	745
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

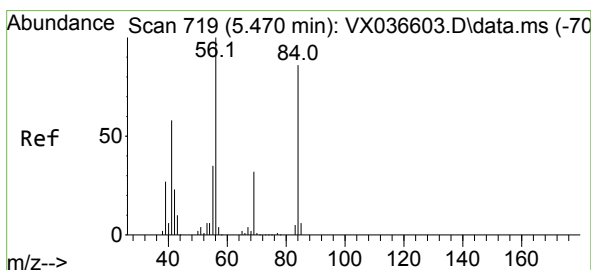
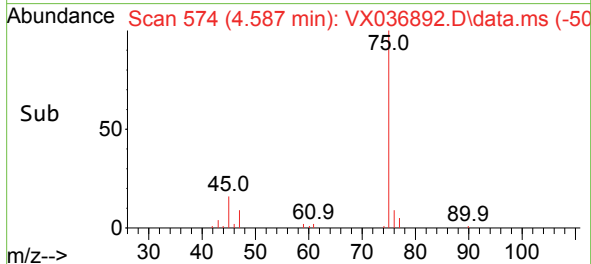
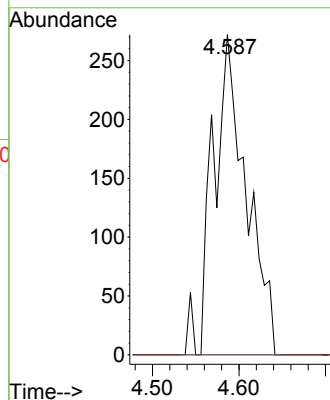
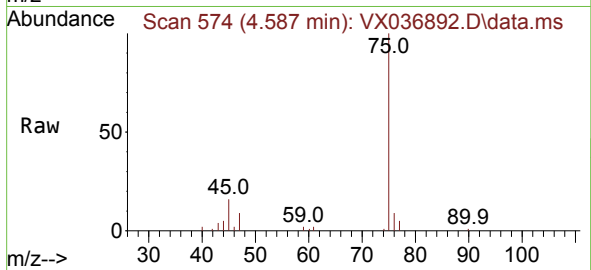




#26
2,2-Dichloropropane
Concen: 0.259 ug/l
RT: 4.587 min Scan# 511
Delta R.T. 0.110 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

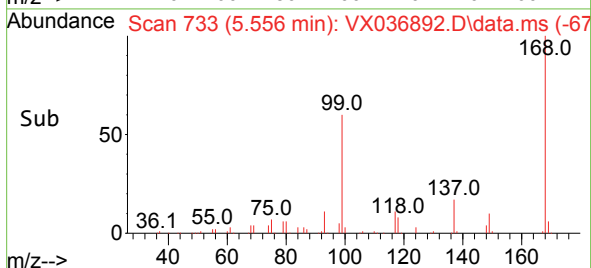
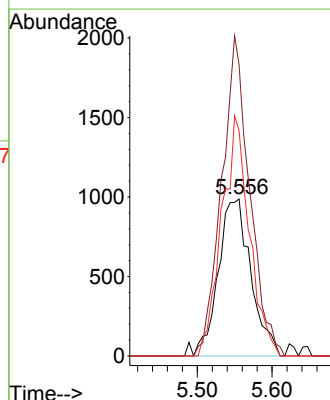
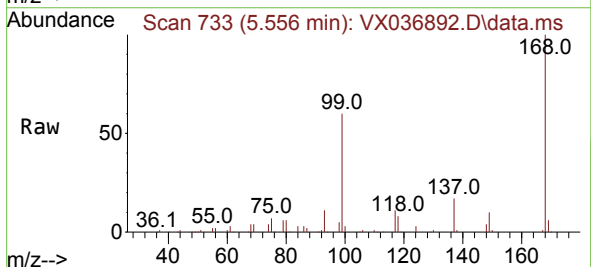
Instrument :
MSVOA_X
ClientSampleId :
1115ME

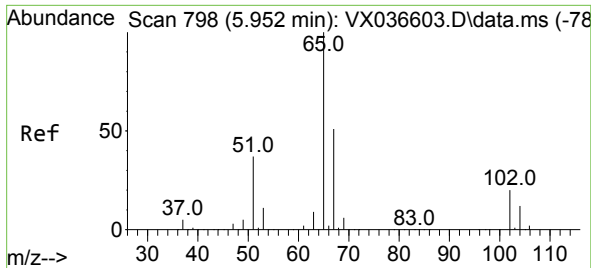
Tgt Ion: 77 Resp: 727
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Tgt Ion: 56 Resp: 3015
Ion Ratio Lower Upper
56 100
69 185.3 23.4 35.2#
84 143.4 65.9 98.9#

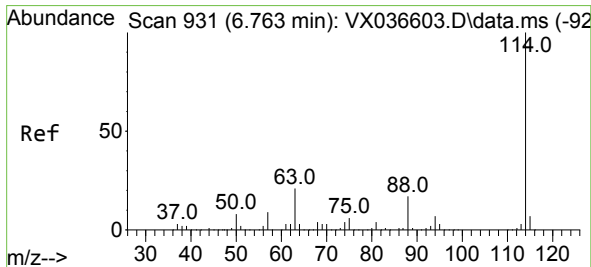
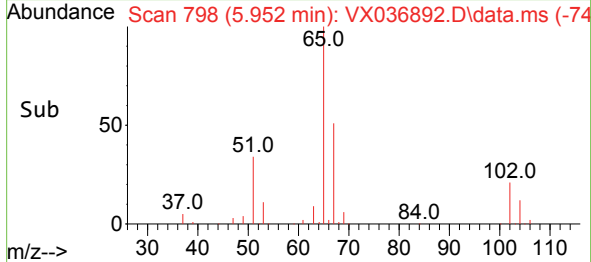
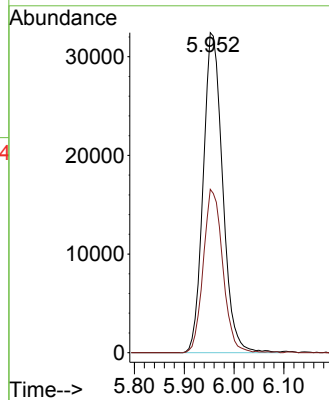
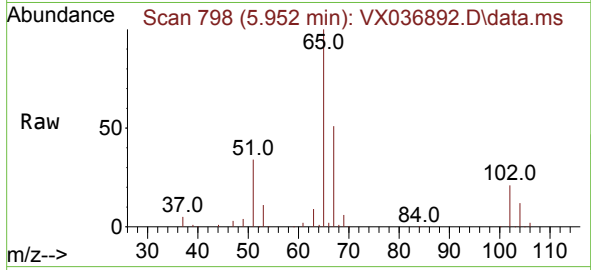




#33
 1,2-Dichloroethane-d4
 Concen: 46.707 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036892.D
 Acq: 09 Aug 2023 17:08

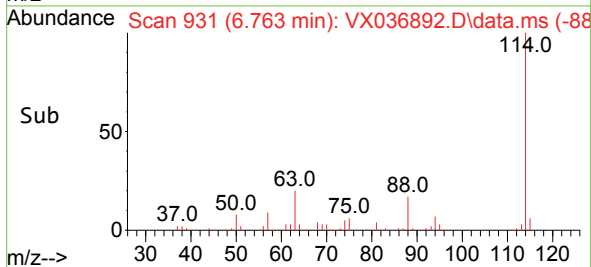
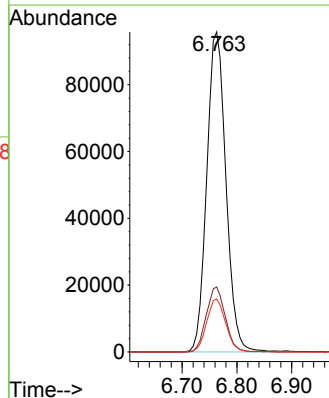
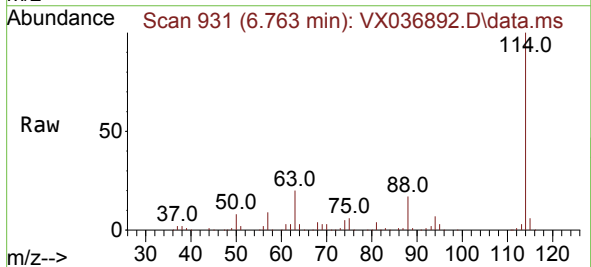
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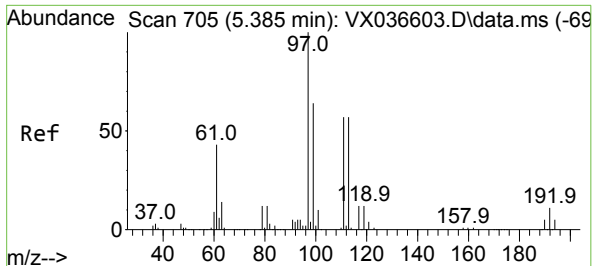
Tgt Ion: 65 Resp: 87728
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036892.D
 Acq: 09 Aug 2023 17:08

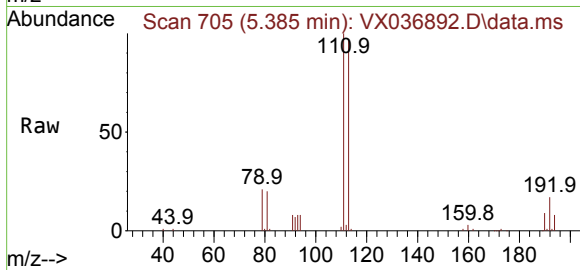
Tgt Ion: 114 Resp: 232157
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.5 0.0 36.6



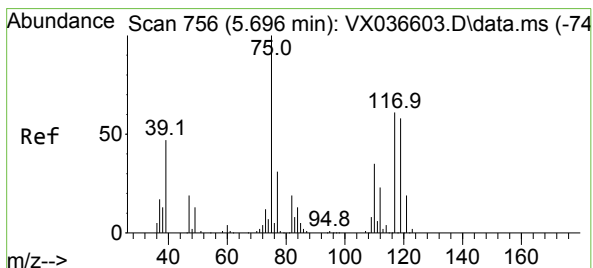
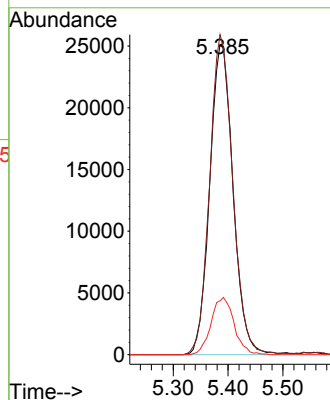
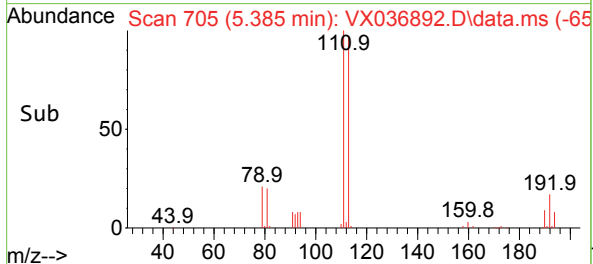


#35
Dibromofluoromethane
Concen: 46.409 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
1115ME

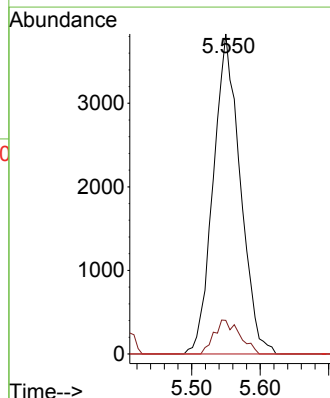
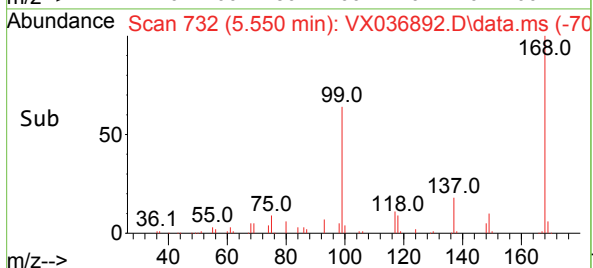
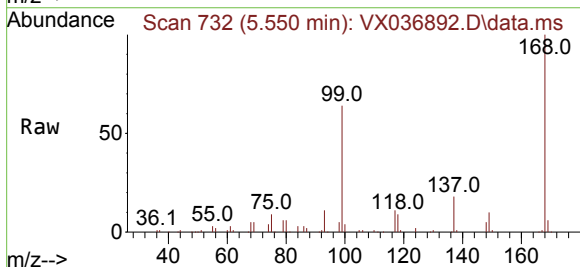


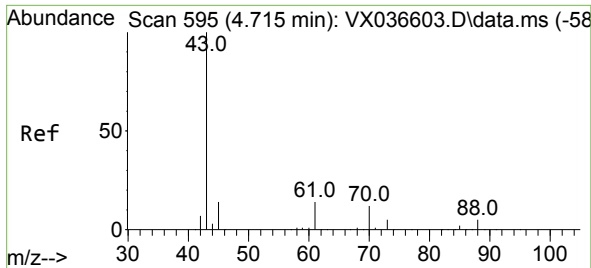
Tgt Ion:113 Resp: 74056
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Tgt Ion: 75 Resp: 10462
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

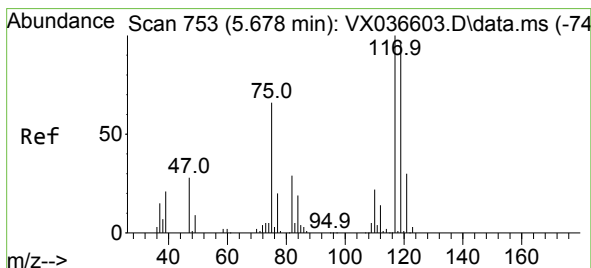
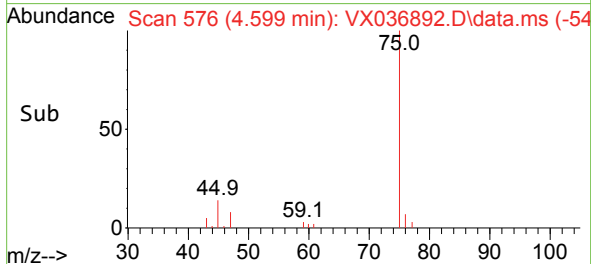
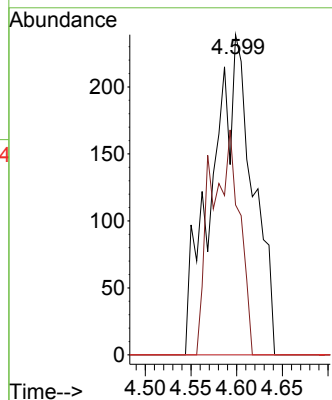
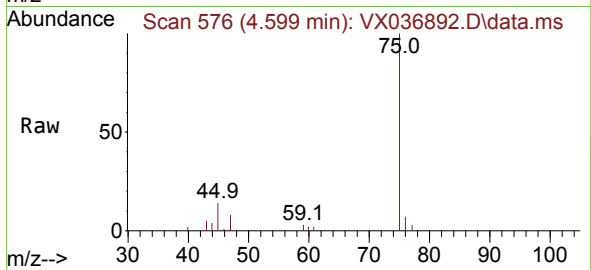




#37
Ethyl Acetate
Concen: 0.277 ug/l
RT: 4.599 min Scan# 511
Delta R.T. -0.116 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

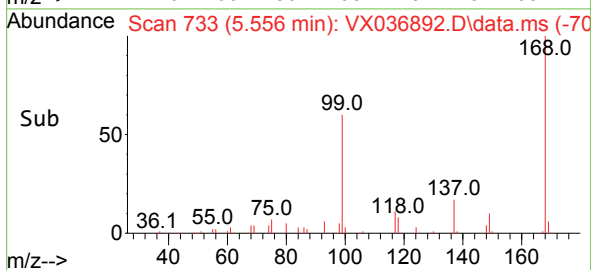
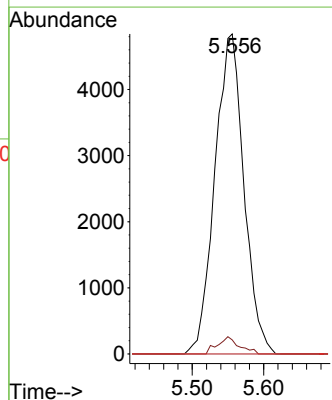
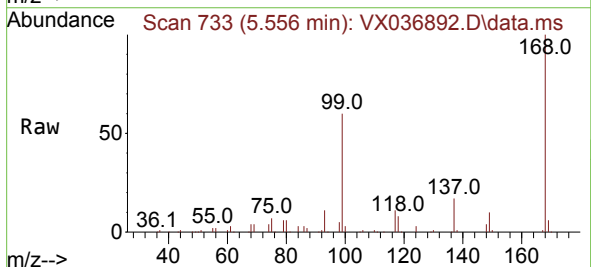
Instrument :
MSVOA_X
ClientSampleId :
1115ME

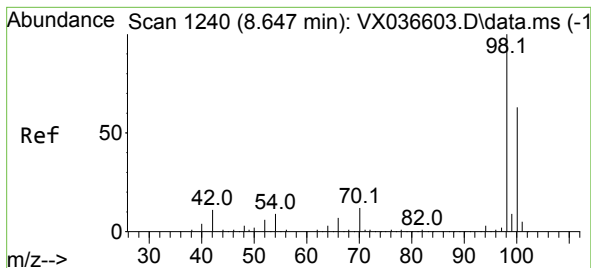
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
61 48.9 10.6 16.0#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Tgt Ion: 117 Resp: 13634
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.257 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036892.D

Acq: 09 Aug 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

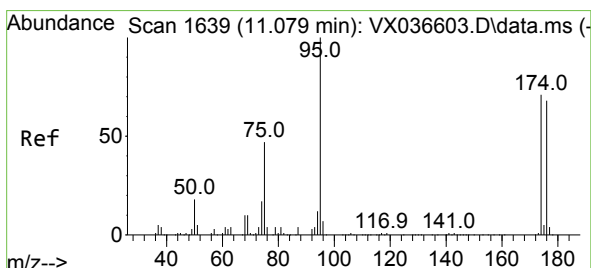
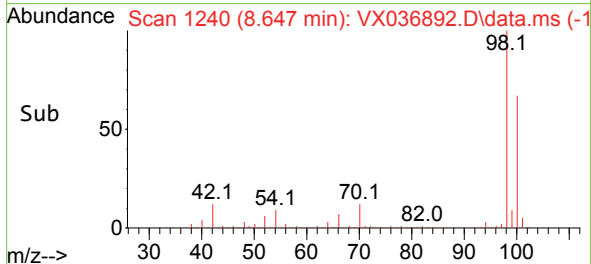
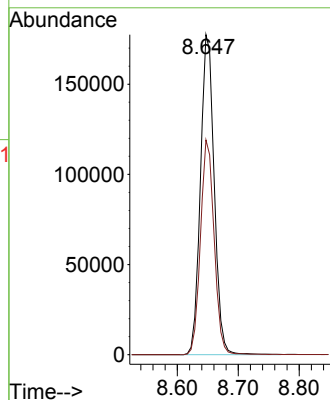
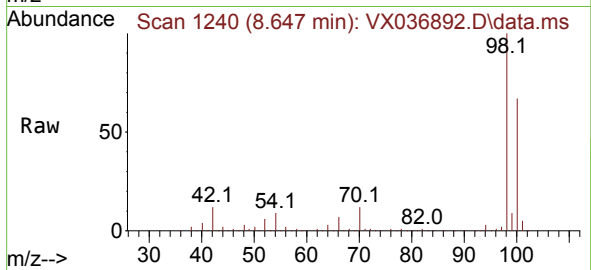
1115ME

Tgt Ion: 98 Resp: 278734

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.684 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036892.D

Acq: 09 Aug 2023 17:08

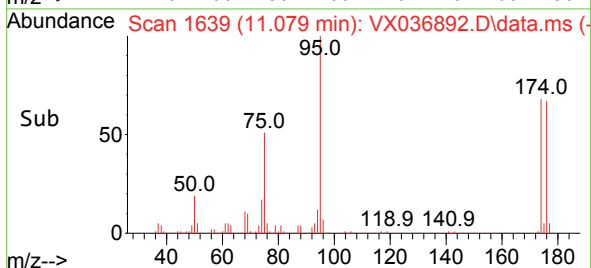
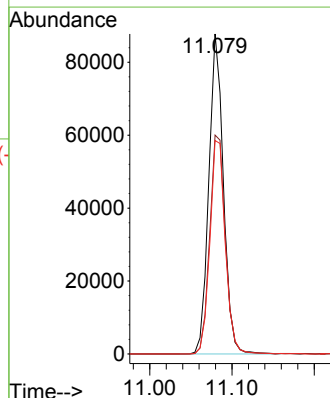
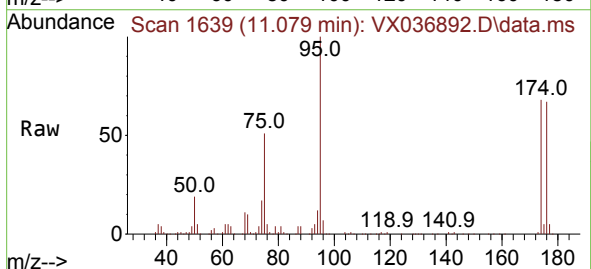
Tgt Ion: 95 Resp: 108209

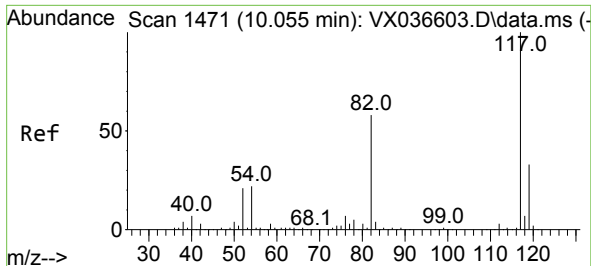
Ion Ratio Lower Upper

95 100

174 73.3 0.0 135.6

176 70.6 0.0 131.0

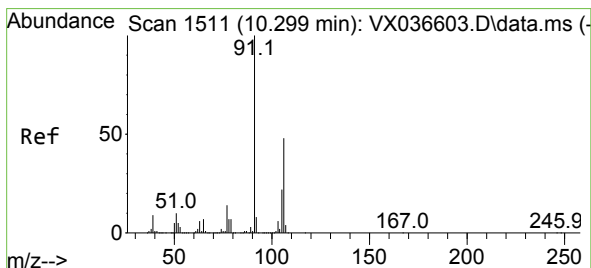
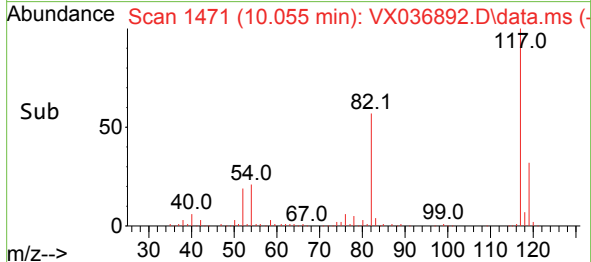
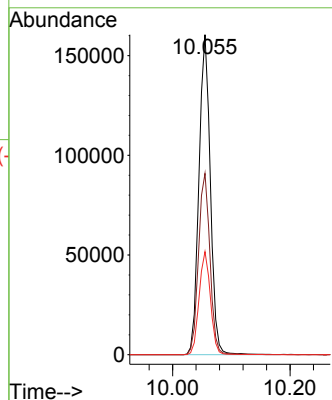
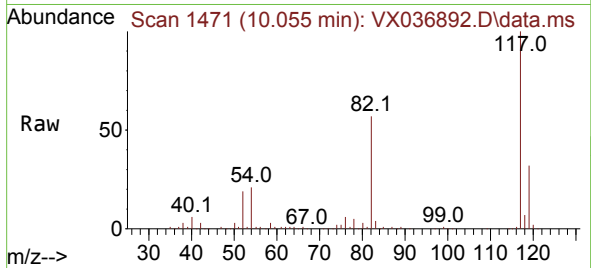




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

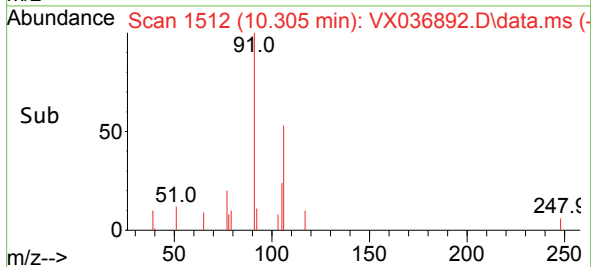
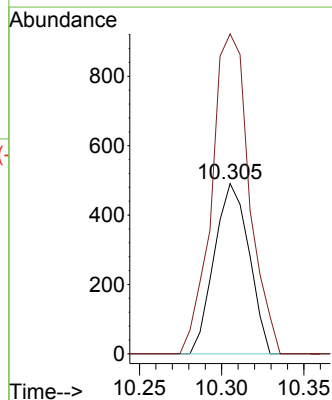
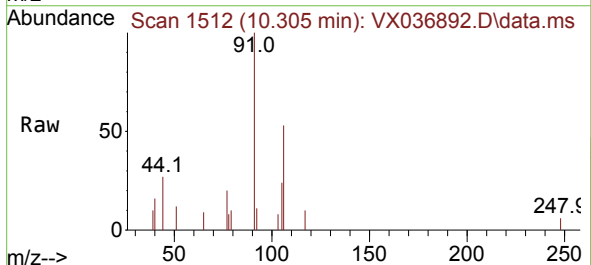
Instrument :
MSVOA_X
ClientSampleId :
1115ME

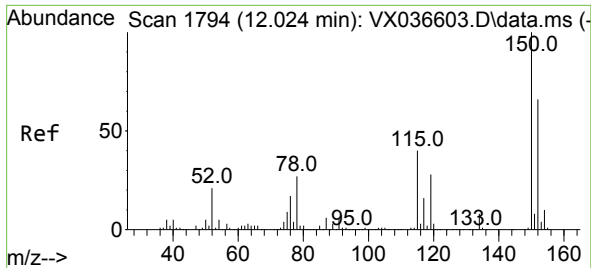
Tgt Ion:117 Resp: 216377
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

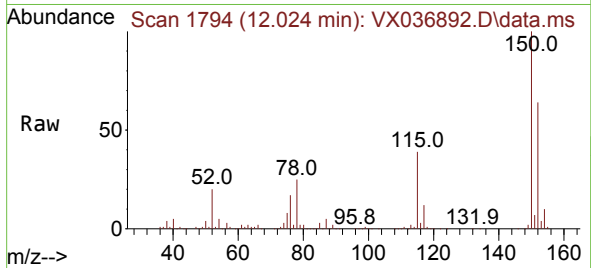
Tgt Ion:106 Resp: 722
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3



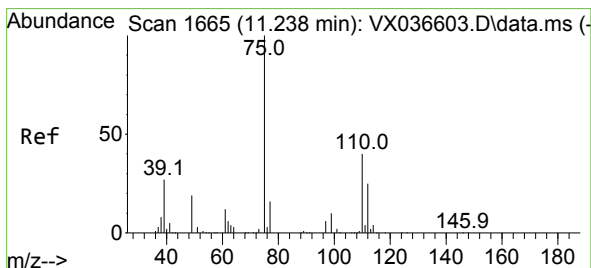
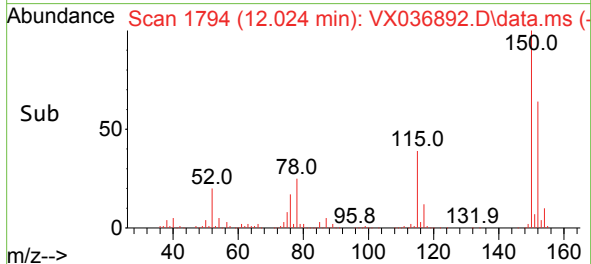
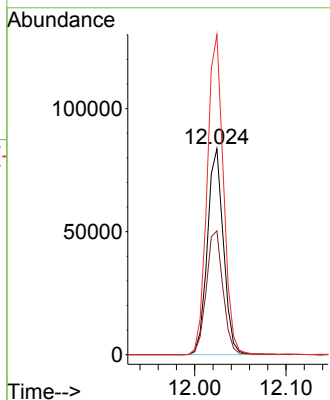


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1115ME
Delta R.T. 0.000 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :

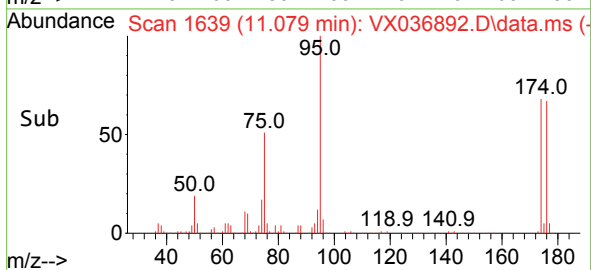
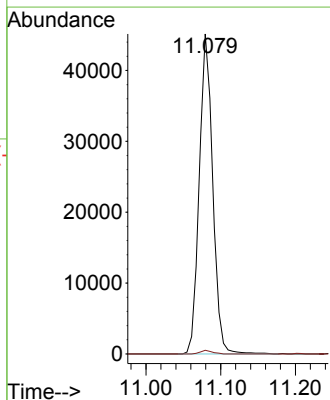
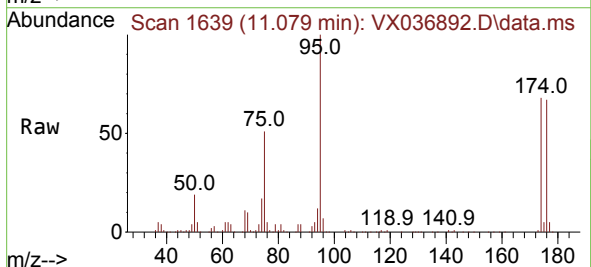


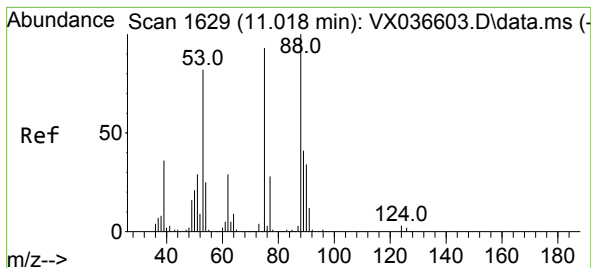
Tgt Ion:152 Resp: 102030
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Tgt Ion: 75 Resp: 56546
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

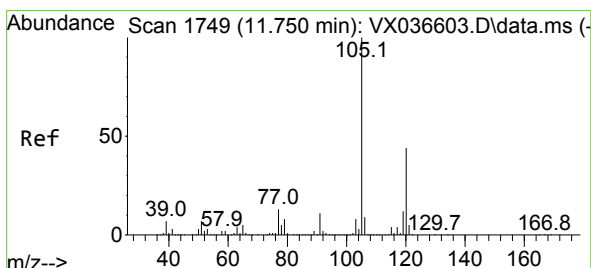
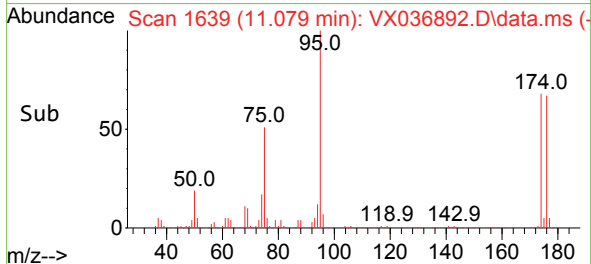
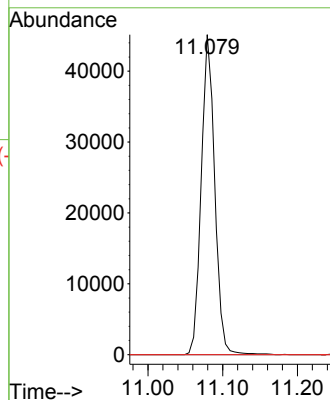
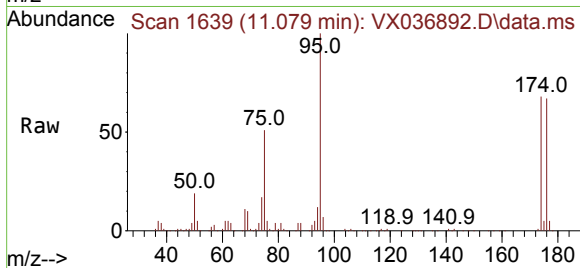




#81
trans-1,4-Dichloro-2-butene
Concen: 53.405 ug/l
RT: 11.079 min Scan# 1115ME
Delta R.T. 0.061 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

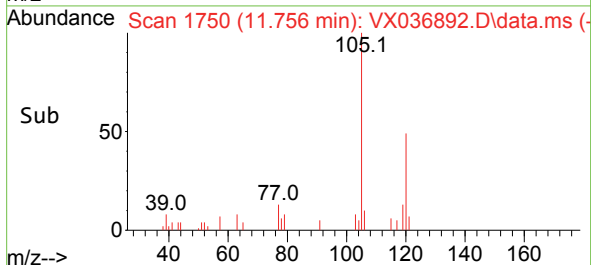
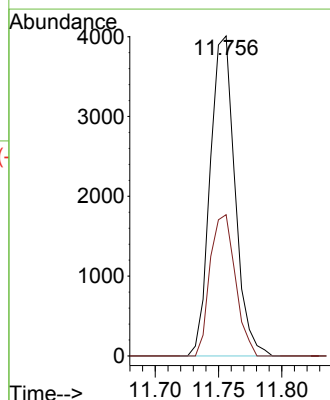
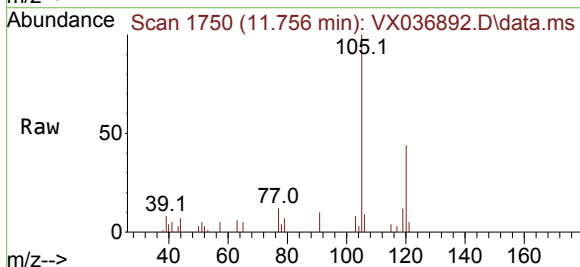
Instrument :
MSVOA_X
ClientSampleId :

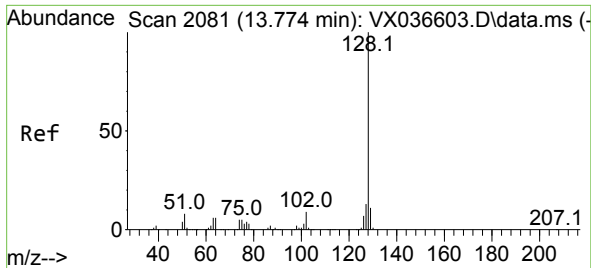
Tgt Ion: 75 Resp: 56546
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.773 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Tgt Ion: 105 Resp: 5464
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6





#95
Naphthalene
Concen: 0.297 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036892.D
Acq: 09 Aug 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
1115ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	8.7	8.8	13.2#

