

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036249.D
 Acq On : 20 Jun 2023 17:38
 Operator : JC/MD
 Sample : 03342-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50047

Quant Time: Jun 21 02:52:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

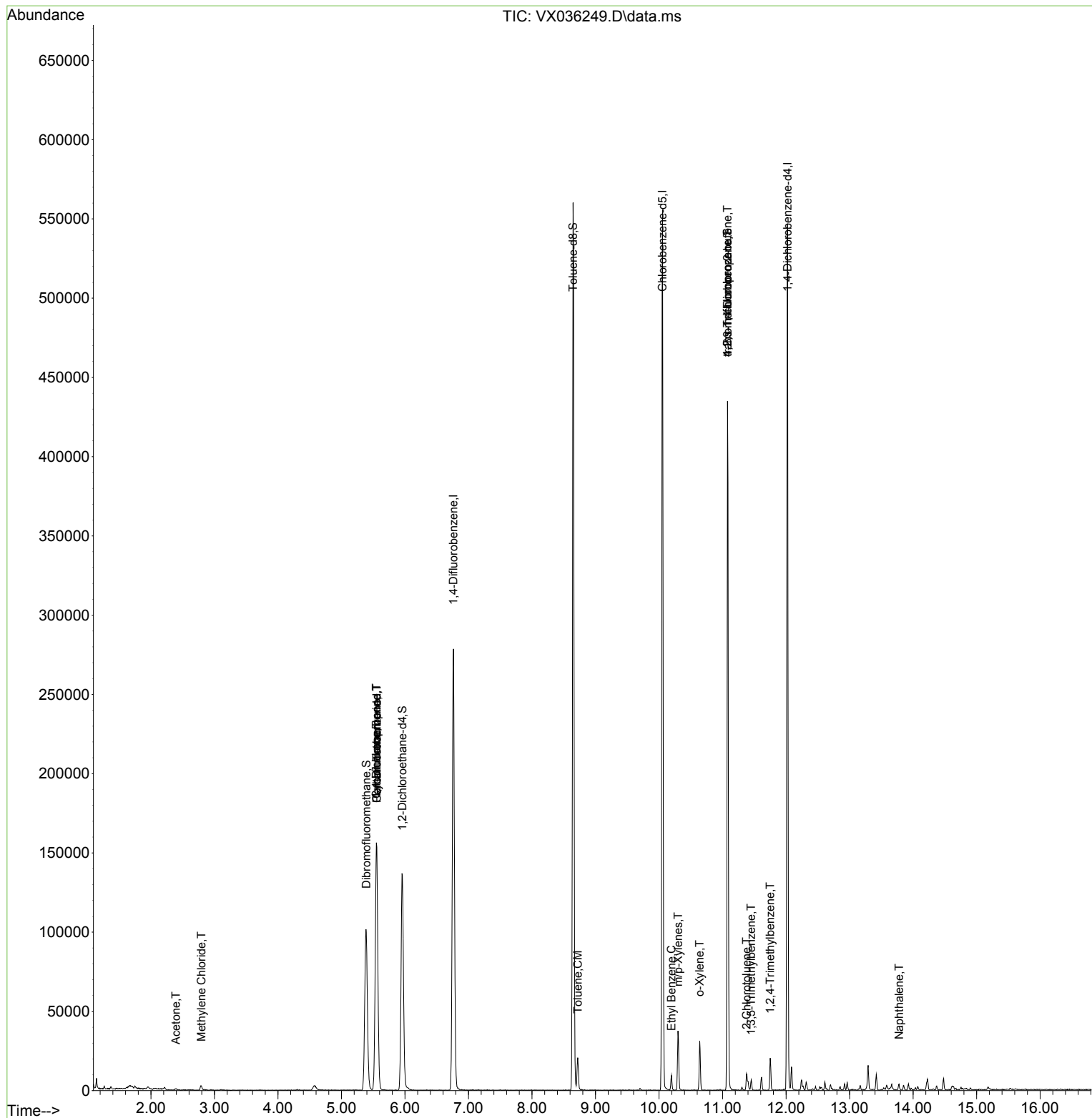
Internal Standards						
1) Pentafluorobenzene	5.556	168	135670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135194	54.529	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.060%		
35) Dibromofluoromethane	5.391	113	88850	49.618	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.240%		
50) Toluene-d8	8.647	98	313673	47.888	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.780%		
62) 4-Bromofluorobenzene	11.079	95	114140	43.169	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 86.340%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1323	1.284	ug/l #	85
20) Methylene Chloride	2.794	84	1321	0.708	ug/l	93
31) Cyclohexane	5.550	56	3820	1.436	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	12980	4.921	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15609	6.087	ug/l #	15
52) Toluene	8.720	92	7096	1.528	ug/l	91
67) Ethyl Benzene	10.195	91	5016	0.585	ug/l	97
68) m/p-Xylenes	10.299	106	7799	2.411	ug/l	94
69) o-Xylene	10.640	106	6152	1.928	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	63971	25.678	ug/l #	39
79) 2-Chlorotoluene	11.378	91	1205	0.209	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	2790	0.421	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	63971	89.879	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	8744	1.322	ug/l	96
95) Naphthalene	13.780	128	2748	0.411	ug/l	97

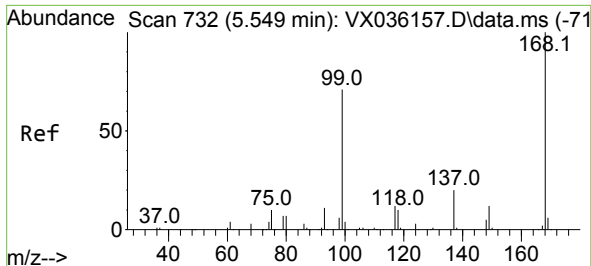
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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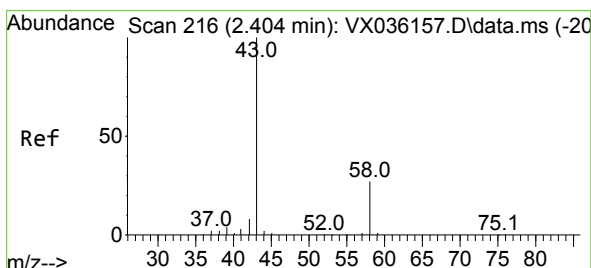
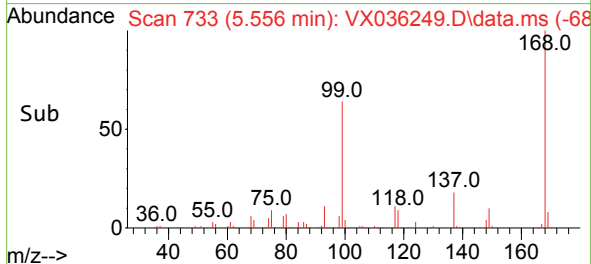
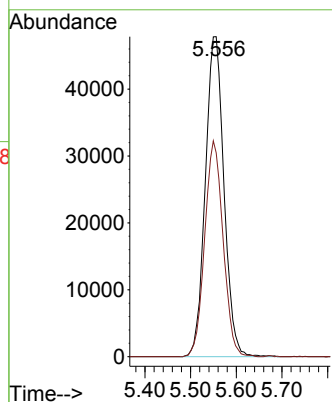
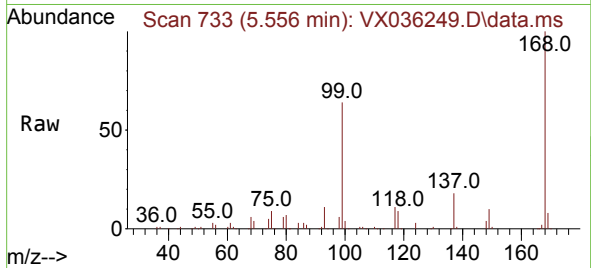




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

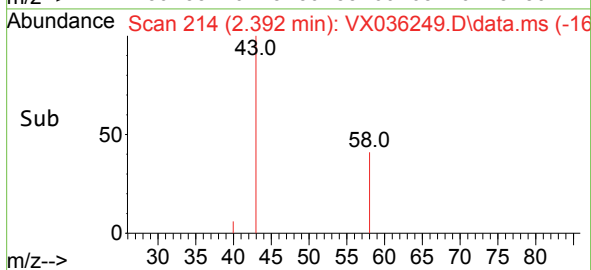
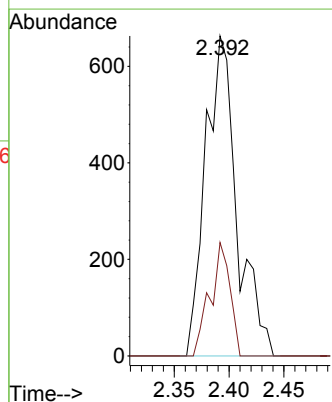
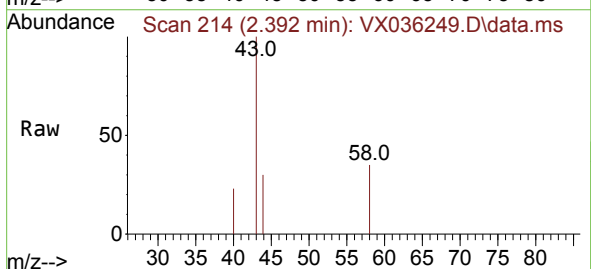
Instrument :
MSVOA_X
ClientSampleId :
50047

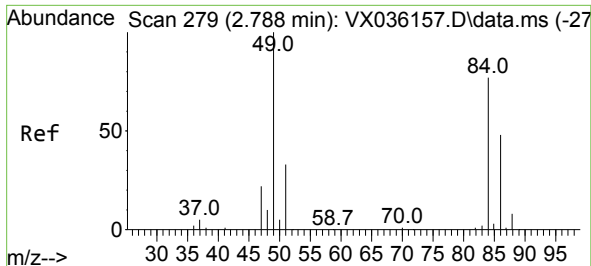
Tgt Ion:168 Resp: 135670
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#16
Acetone
Concen: 1.284 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#

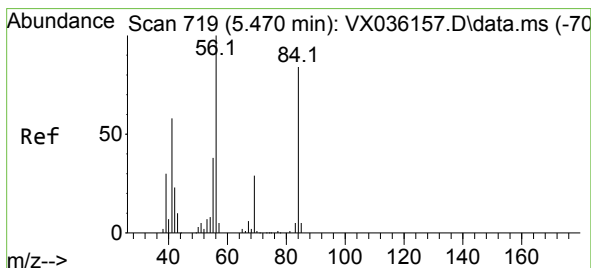
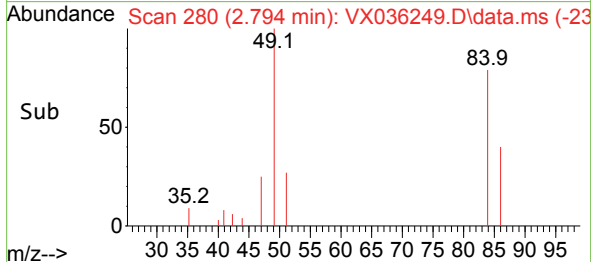
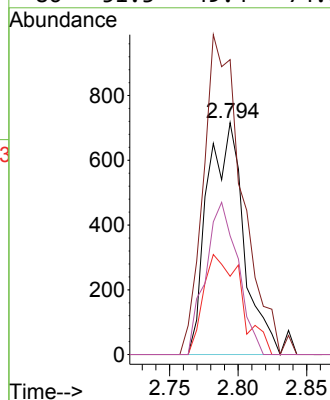
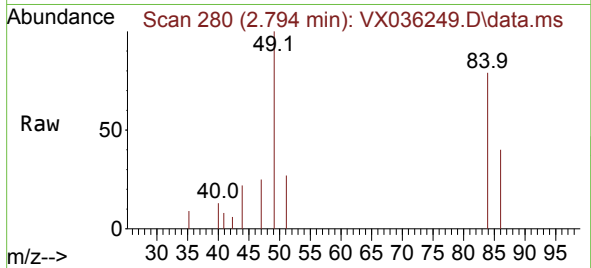




#20
Methylene Chloride
Concen: 0.708 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

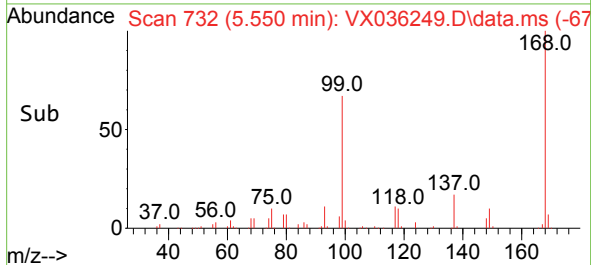
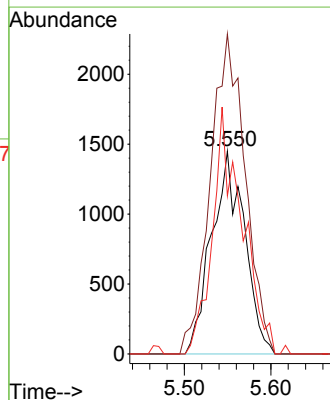
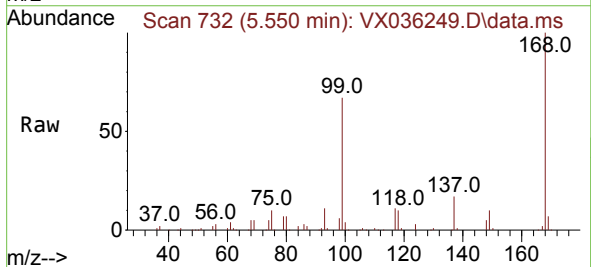
Instrument :
MSVOA_X
ClientSampleId :
50047

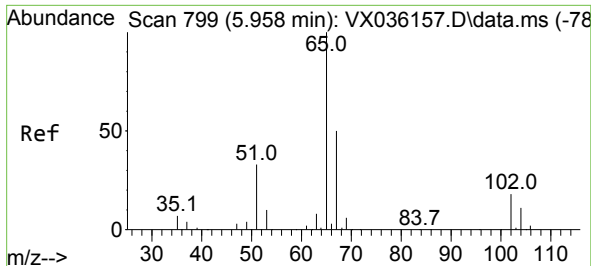
Tgt Ion: 84	Resp: 1321
Ion Ratio	Lower Upper
84 100	
49 127.2	103.6 155.4
51 33.8	33.8 50.6
86 51.3	49.4 74.0



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 56	Resp: 3820
Ion Ratio	Lower Upper
56 100	
69 157.9	23.4 35.2#
84 78.0	65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 54.529 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036249.D

Acq: 20 Jun 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

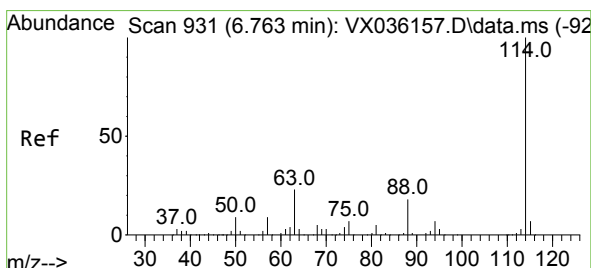
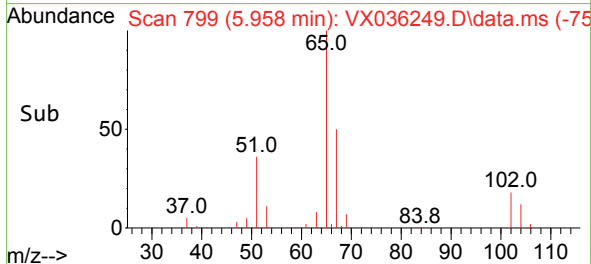
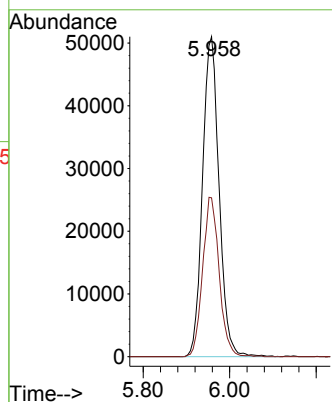
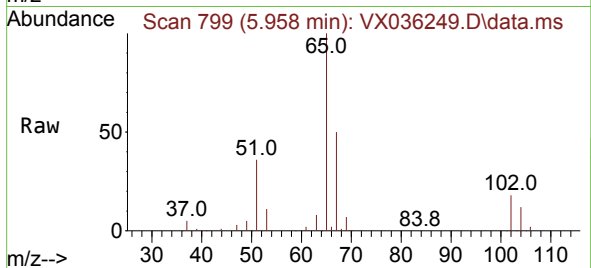
50047

Tgt Ion: 65 Resp: 135194

Ion Ratio Lower Upper

65 100

67 49.7 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: VX036249.D

Acq: 20 Jun 2023 17:38

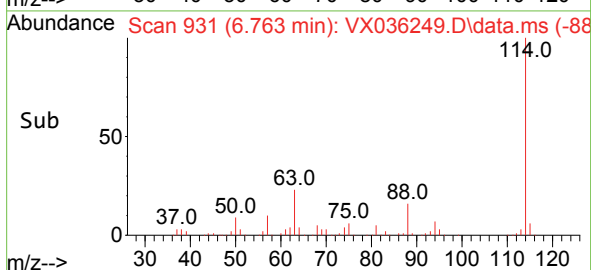
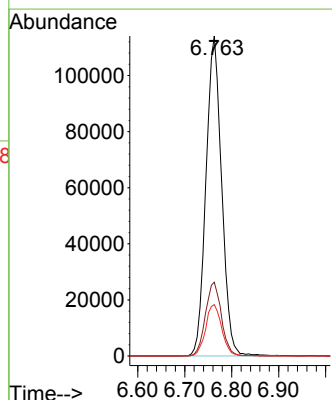
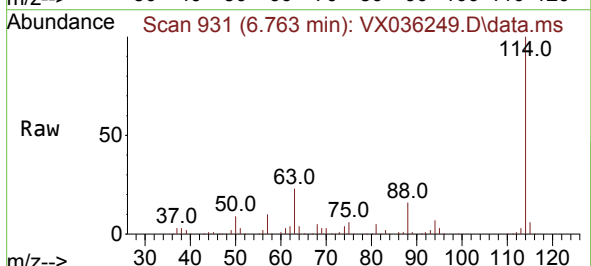
Tgt Ion: 114 Resp: 264067

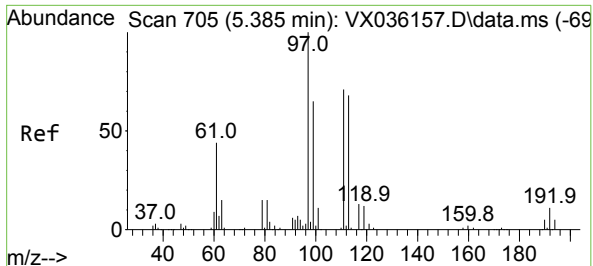
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.1 0.0 36.6

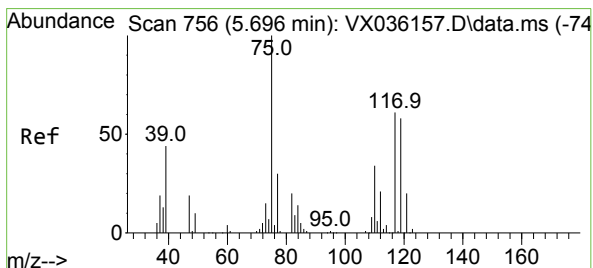
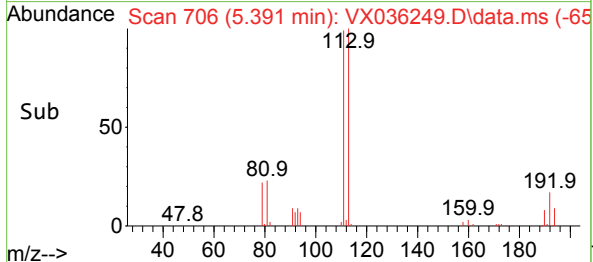
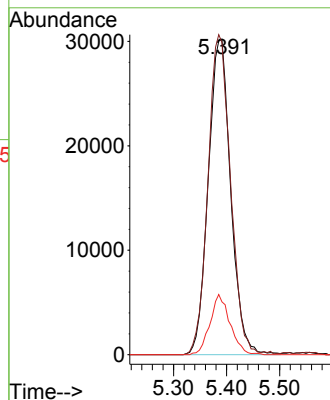
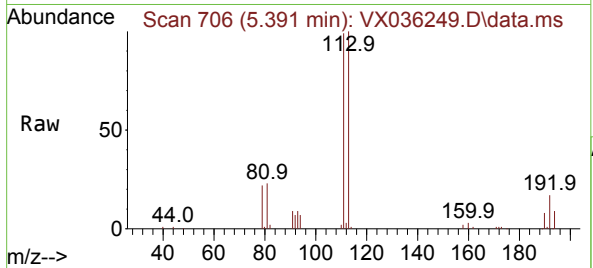




#35
Dibromofluoromethane
Concen: 49.618 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

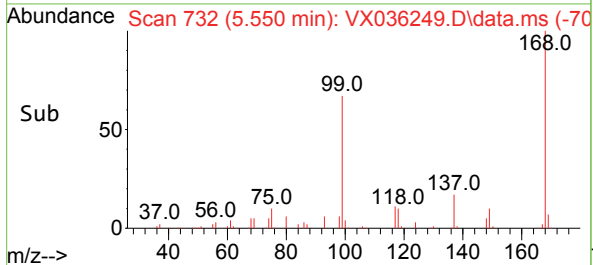
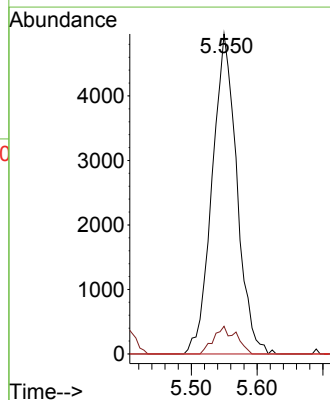
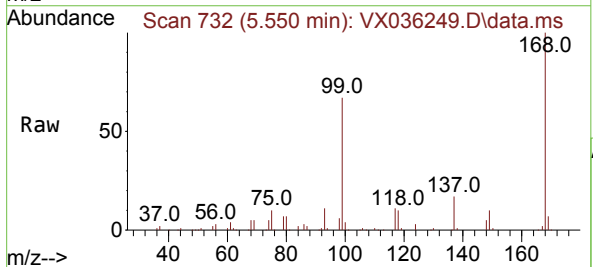
Instrument :
MSVOA_X
ClientSampleId :
50047

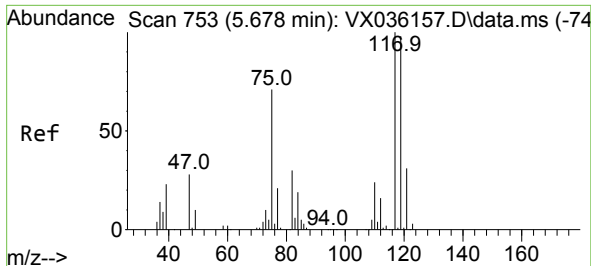
Tgt Ion:113 Resp: 88850
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

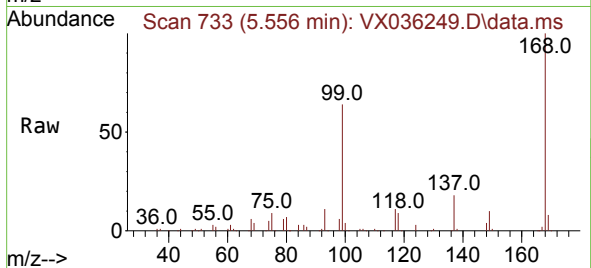
Tgt Ion: 75 Resp: 12980
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



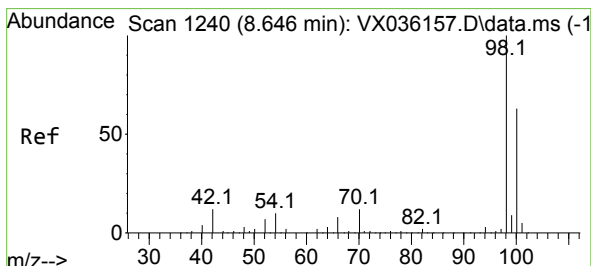
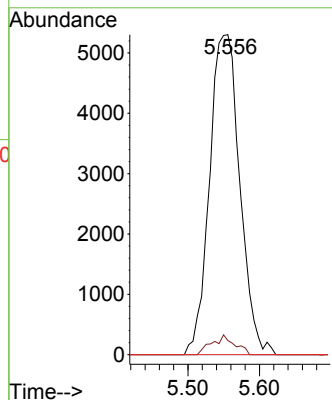
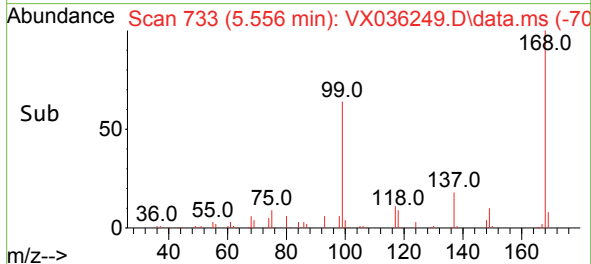


#38
Carbon Tetrachloride
Concen: 6.087 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
50047

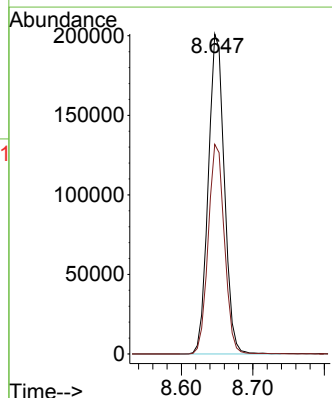
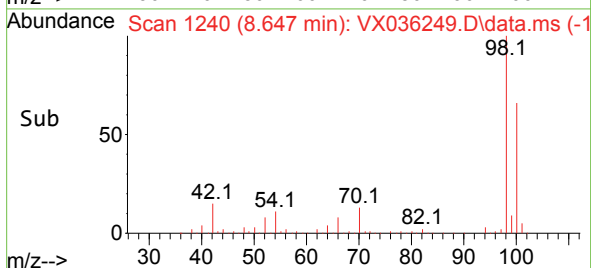
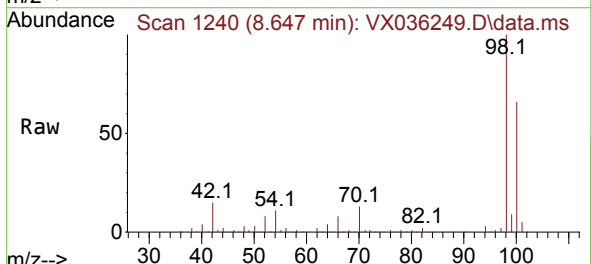


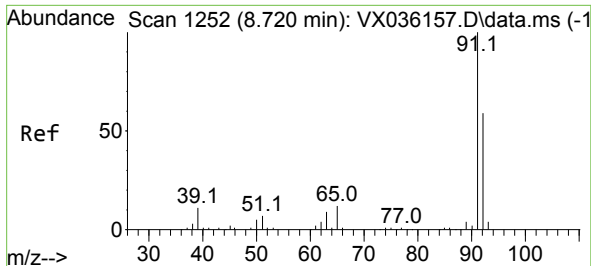
Tgt Ion:117 Resp: 15609
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.888 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 98 Resp: 313673
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

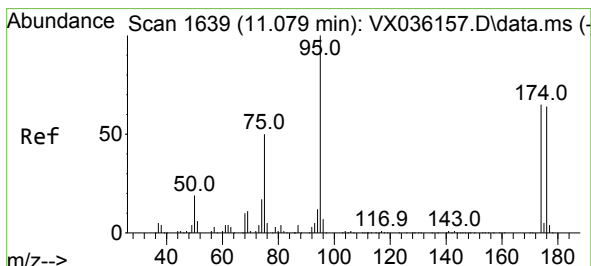
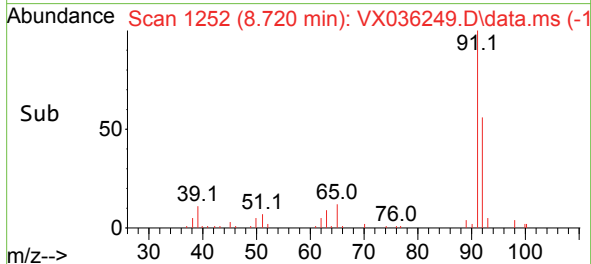
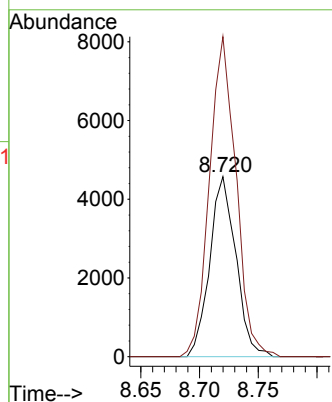
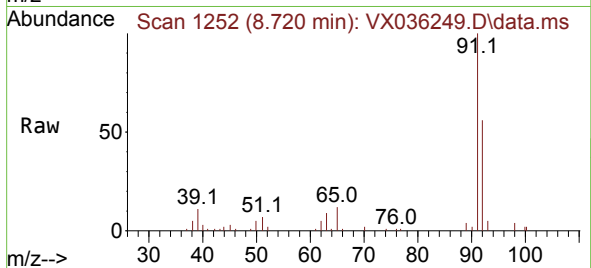




#52
Toluene
Concen: 1.528 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

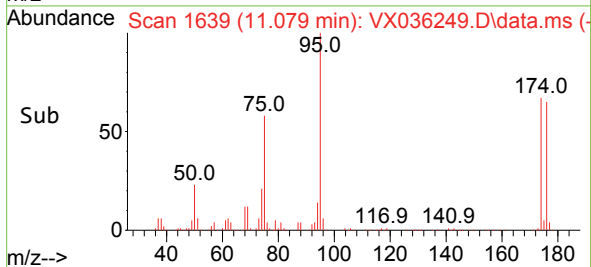
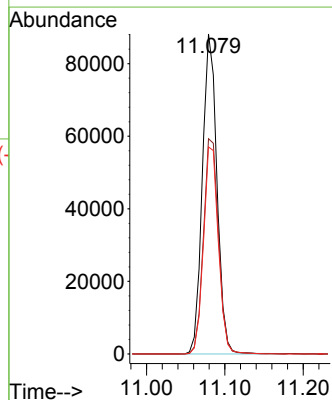
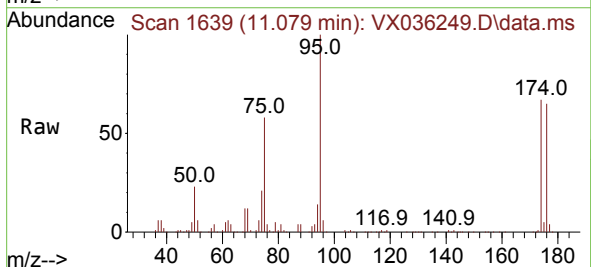
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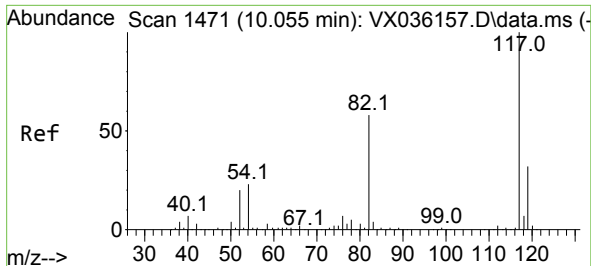
Tgt Ion: 92 Resp: 7096
Ion Ratio Lower Upper
92 100
91 180.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 43.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 95 Resp: 114140
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.6
176 66.0 0.0 131.0

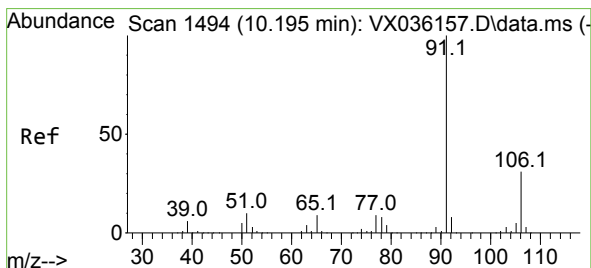
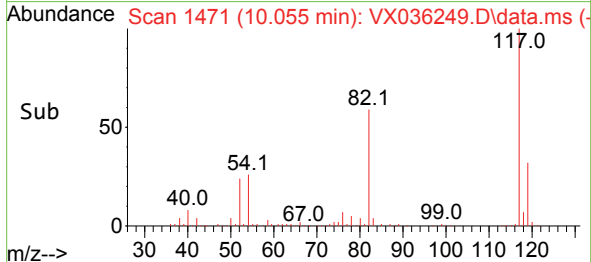
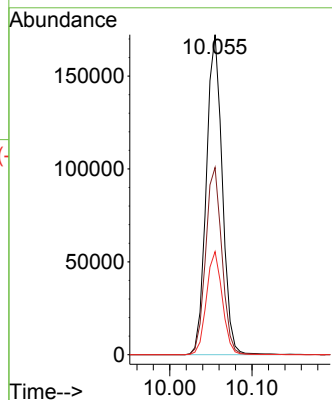
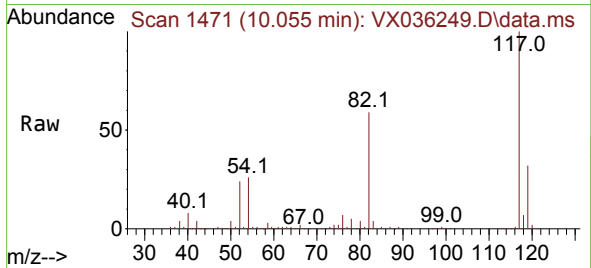




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

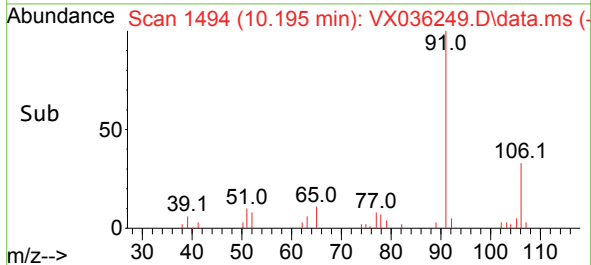
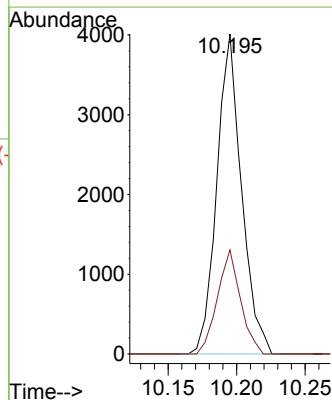
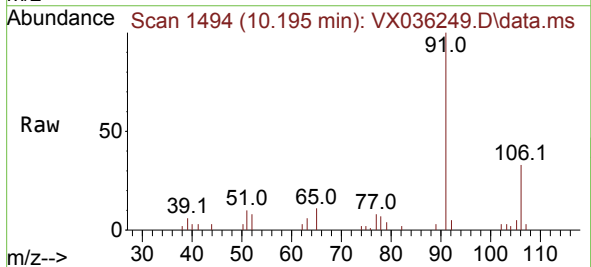
Instrument :
MSVOA_X
ClientSampleId :
50047

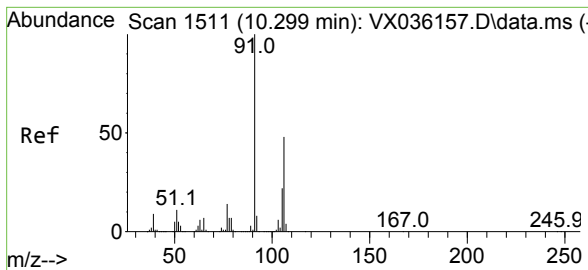
Tgt Ion:117 Resp: 231653
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.585 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 91 Resp: 5016
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

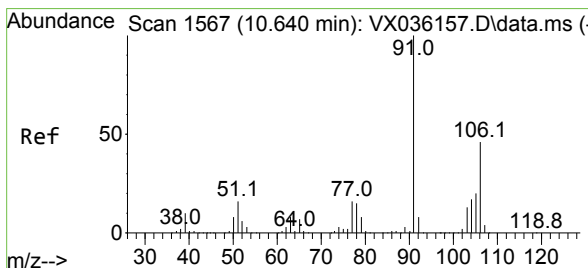
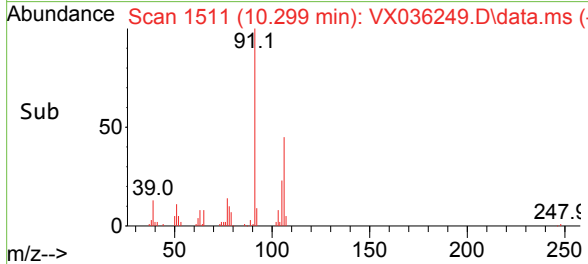
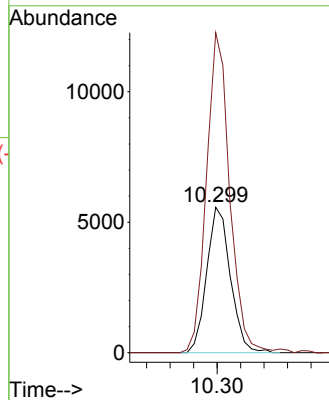
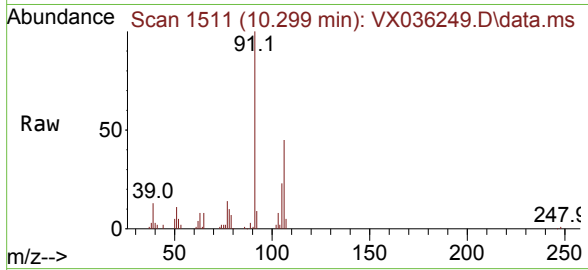




#68
m/p-Xylenes
Concen: 2.411 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

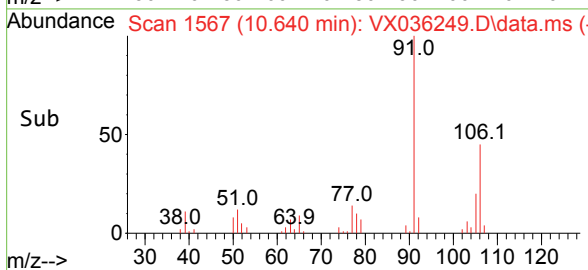
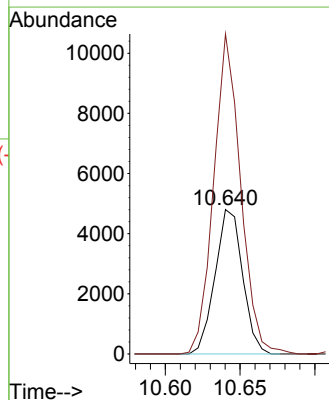
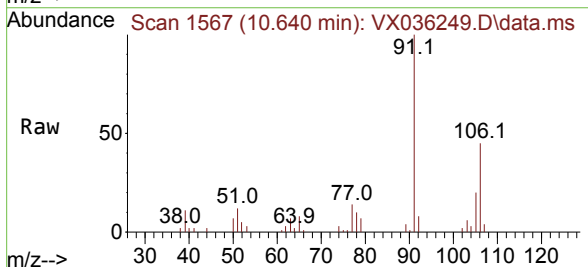
Instrument :
MSVOA_X
ClientSampleId :
50047

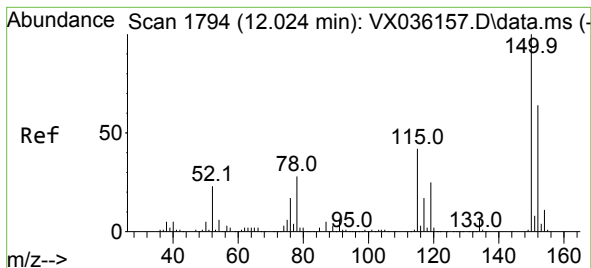
Tgt Ion:106 Resp: 7799
Ion Ratio Lower Upper
106 100
91 216.6 165.5 248.3



#69
o-Xylene
Concen: 1.928 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion:106 Resp: 6152
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036249.D

Acq: 20 Jun 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

50047

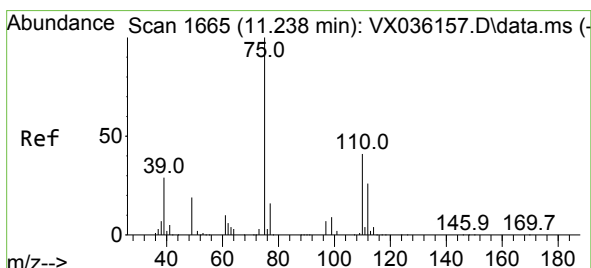
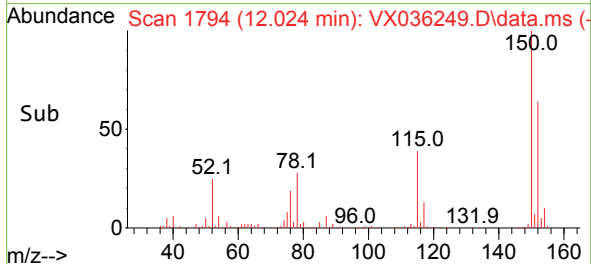
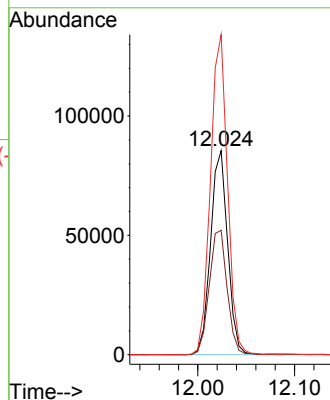
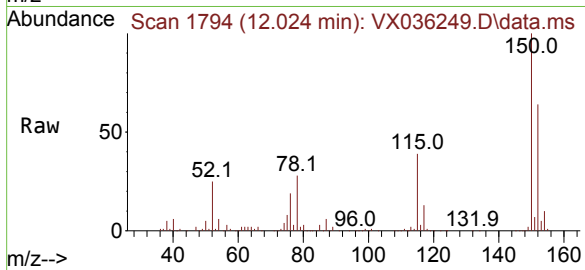
Tgt Ion:152 Resp: 104972

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.678 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036249.D

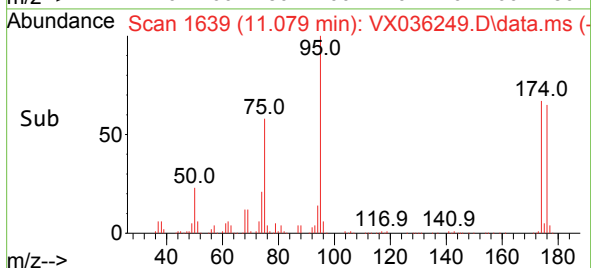
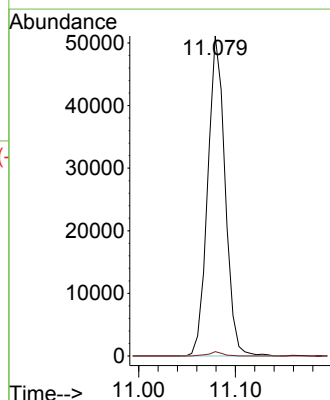
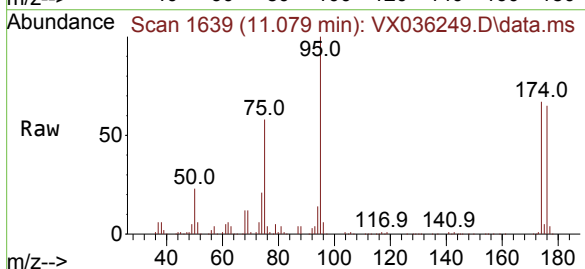
Acq: 20 Jun 2023 17:38

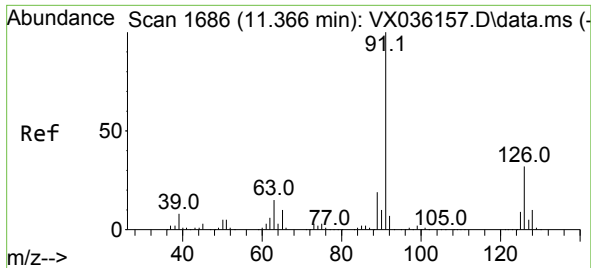
Tgt Ion: 75 Resp: 63971

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

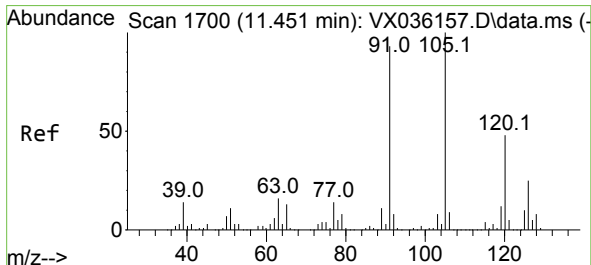
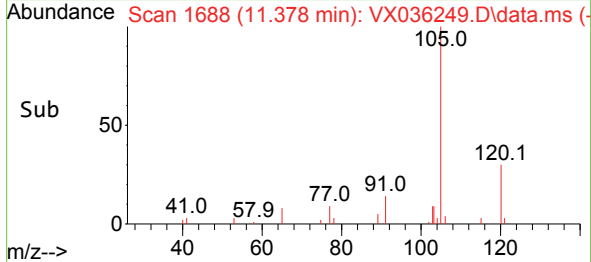
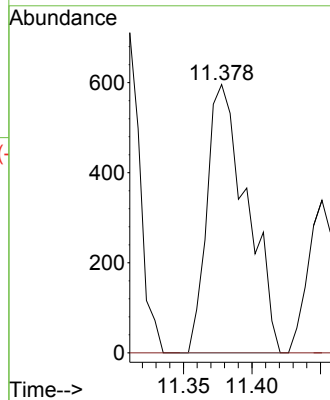
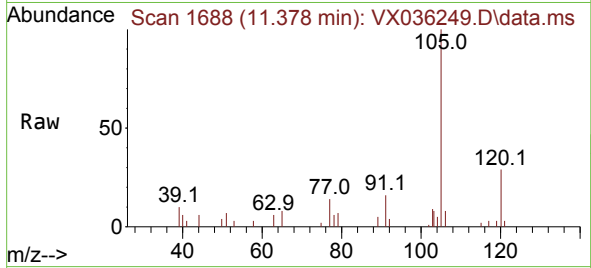




#79
2-Chlorotoluene
Concen: 0.209 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

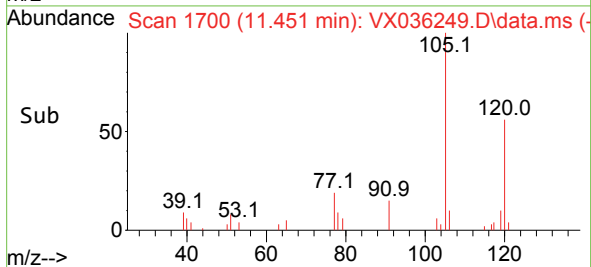
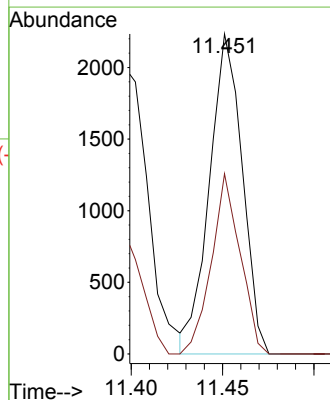
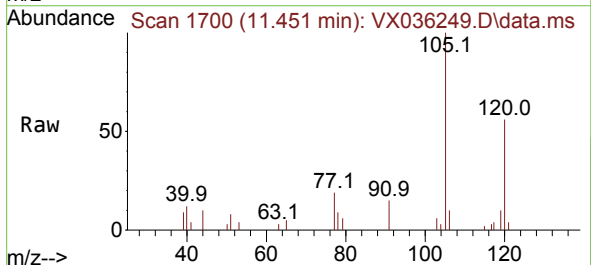
Instrument :
MSVOA_X
ClientSampleId :
50047

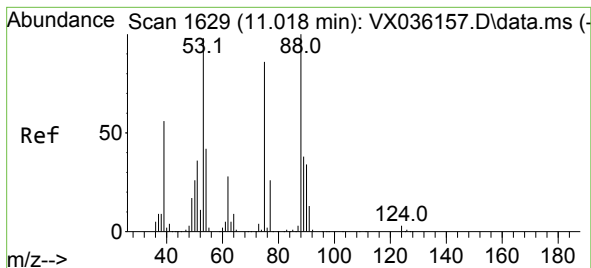
Tgt Ion: 91 Resp: 1205
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.421 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Tgt Ion: 105 Resp: 2790
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.3

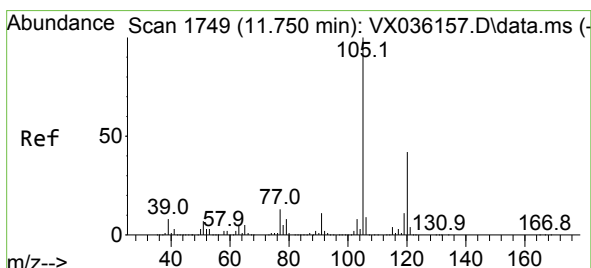
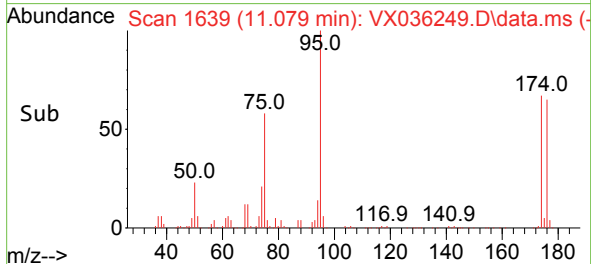
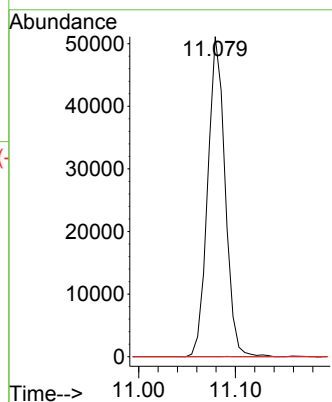
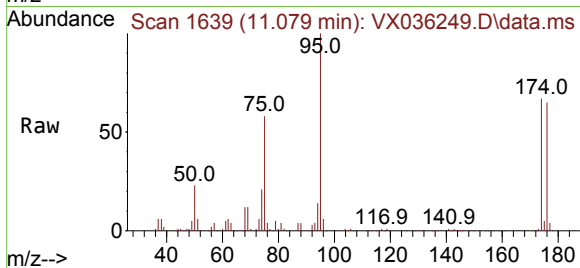




#81
trans-1,4-Dichloro-2-butene
Concen: 89.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

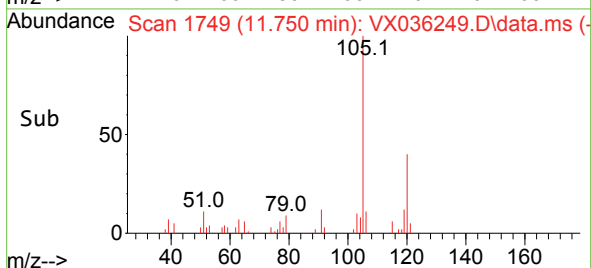
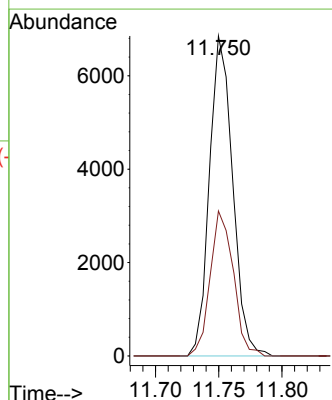
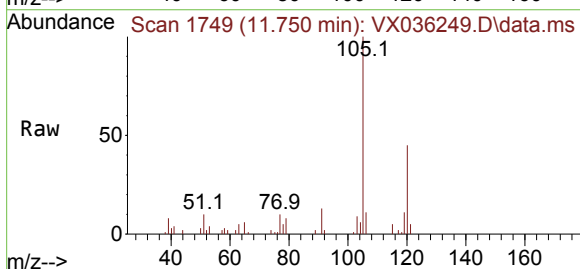
Instrument :
MSVOA_X
ClientSampleId :
50047

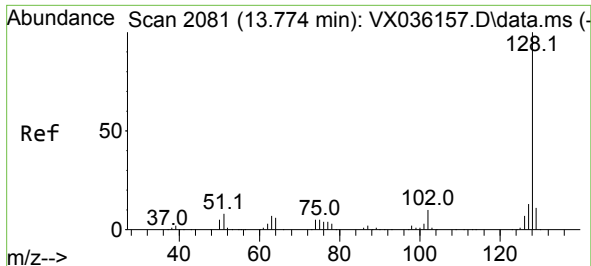
Tgt Ion: 75 Resp: 63971
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.322 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

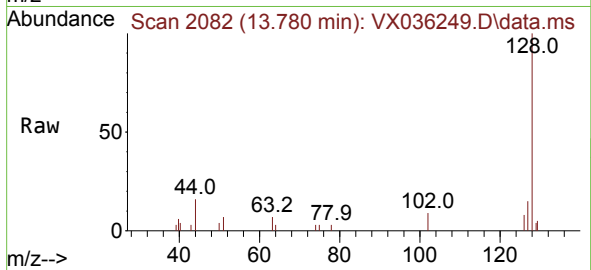
Tgt Ion: 105 Resp: 8744
Ion Ratio Lower Upper
105 100
120 45.1 21.2 63.6





#95
Naphthalene
Concen: 0.411 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036249.D
Acq: 20 Jun 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
50047



Tgt Ion:	128	Resp:	2748
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	10.4	8.8	13.2

