

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036757.D
 Acq On : 01 Aug 2023 18:39
 Operator : JC/MD
 Sample : 03775-04 10X
 Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUILDING-A-6-(5-10)ME

Quant Time: Aug 02 06:26:54 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)

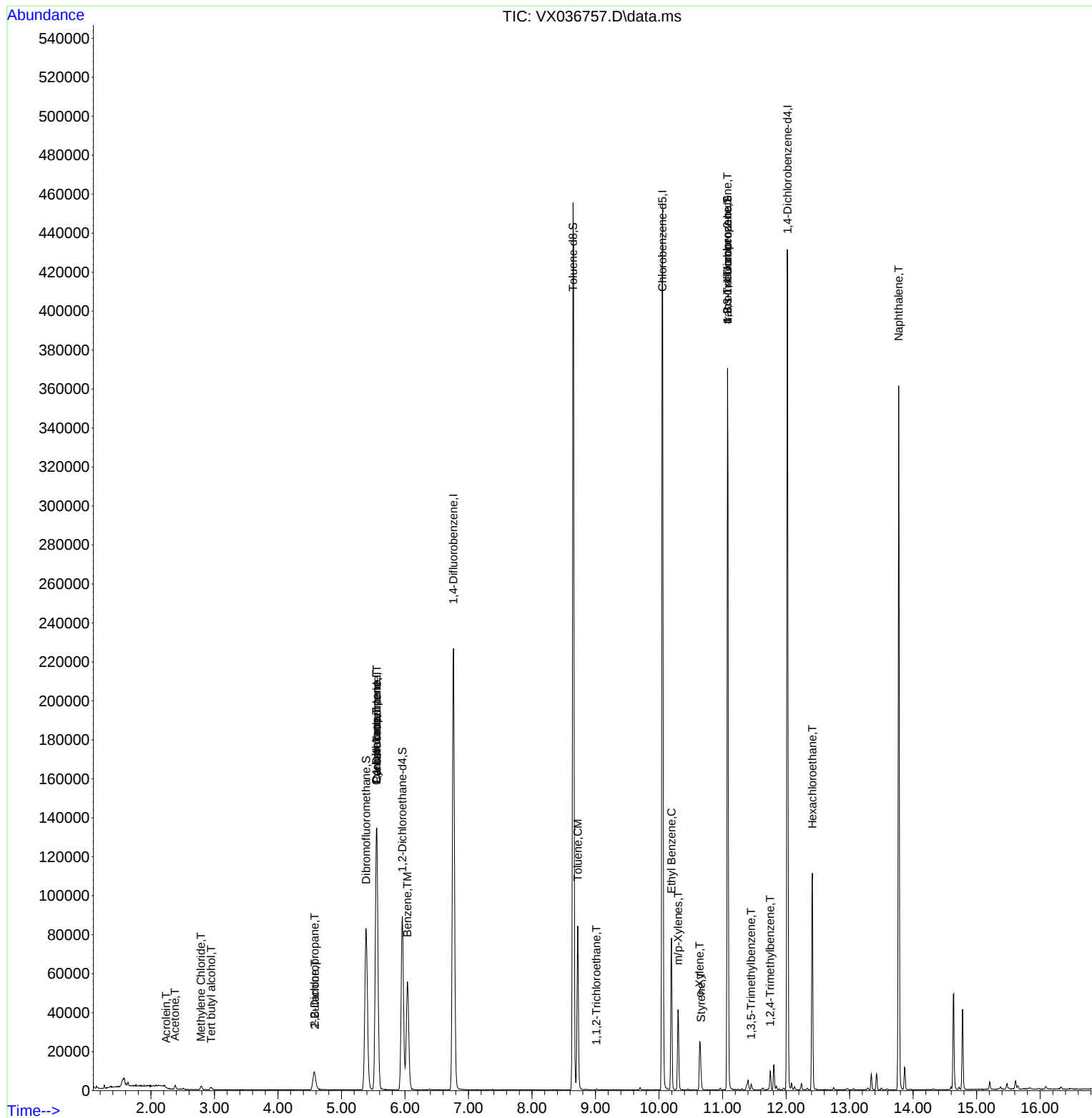
Internal Standards						
1) Pentafluorobenzene	5.556	168	127954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85638	45.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.460%		
35) Dibromofluoromethane	5.385	113	73202	46.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.000%		
50) Toluene-d8	8.647	98	276332	49.499	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	98252	46.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.300%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	910	2.030	ug/l #	78
13) Acrolein	2.239	56	74	0.289	ug/l #	14
16) Acetone	2.380	43	2335	2.972	ug/l	93
20) Methylene Chloride	2.788	84	1137	0.651	ug/l #	73
25) 2-Butanone	4.580	43	729	0.572	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	788	0.278	ug/l #	54
31) Cyclohexane	5.550	56	2860	1.091	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10670	4.547	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13697	5.491	ug/l #	15
40) Benzene	6.037	78	68497	10.034	ug/l	99
52) Toluene	8.720	92	31127	7.277	ug/l	96
55) 1,1,2-Trichloroethane	9.012	97	460	0.256	ug/l #	17
67) Ethyl Benzene	10.195	91	45725	5.453	ug/l	99
68) m/p-Xylenes	10.299	106	9393	3.002	ug/l	93
69) o-Xylene	10.640	106	5166	1.654	ug/l	96
70) Styrene	10.659	104	4043	0.785	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	51214	24.397	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	1427	0.231	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	51214	55.298	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	4272	0.691	ug/l	95
90) Hexachloroethane	12.414	117	4508	3.570	ug/l #	17
95) Naphthalene	13.774	128	207422	32.137	ug/l	100

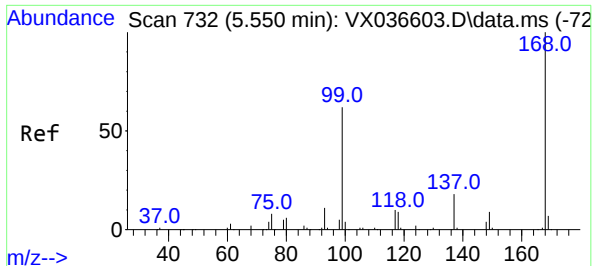
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BUILDING-A-6-(5-10)ME

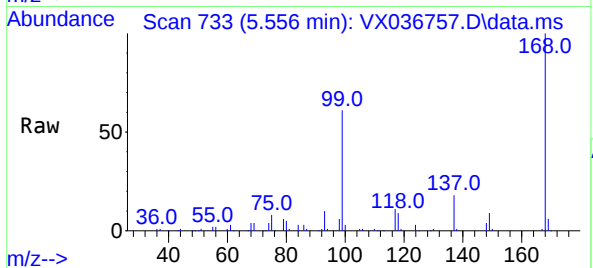
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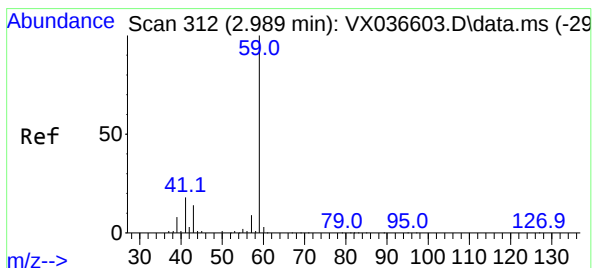
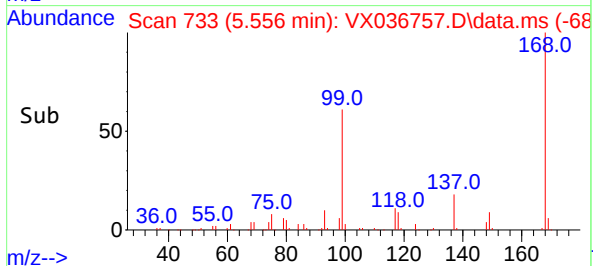
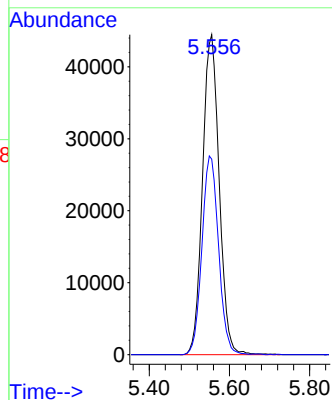


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

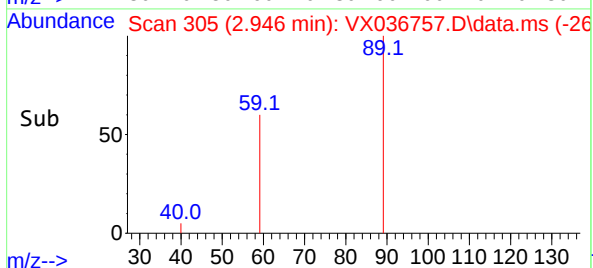
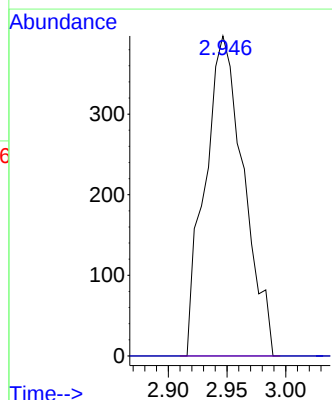
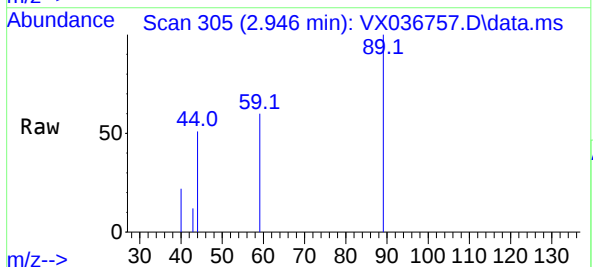


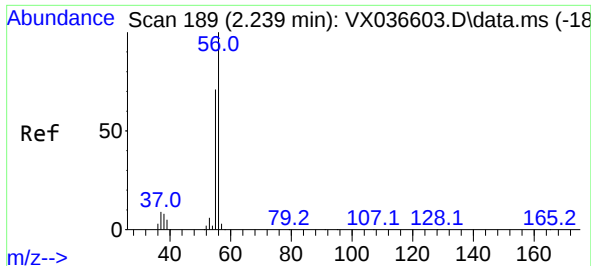
Tgt Ion:168 Resp: 127954
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.030 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion: 59 Resp: 910
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

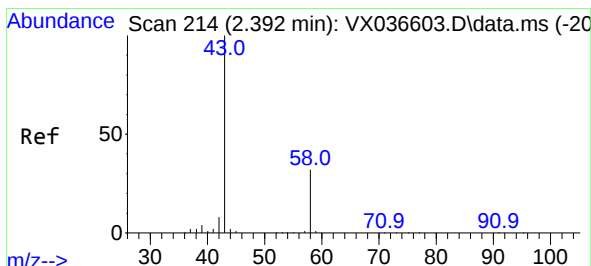
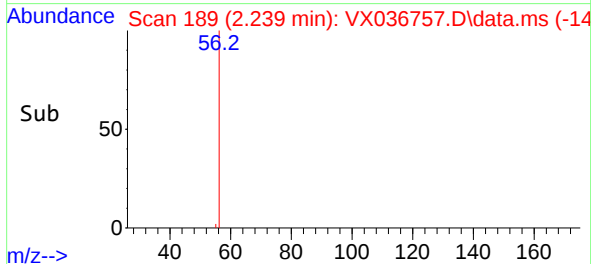
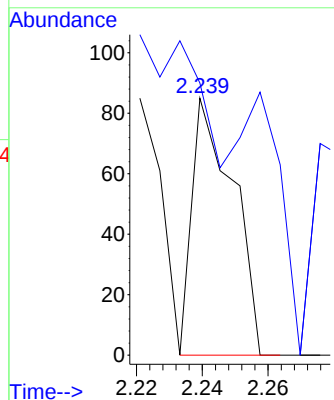
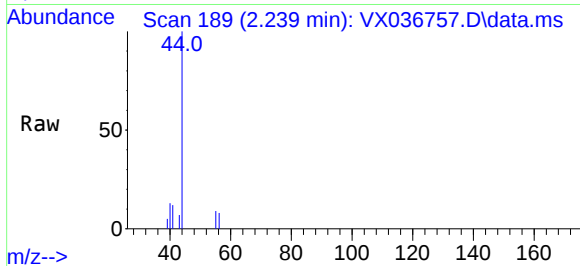




#13
Acrolein
Concen: 0.289 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

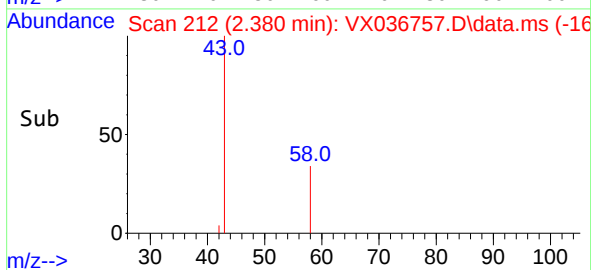
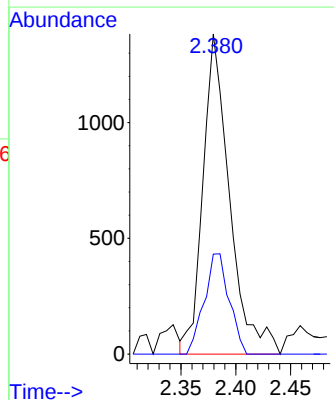
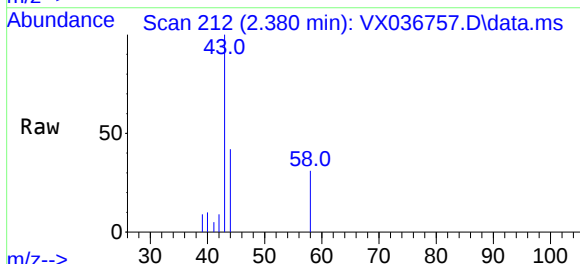
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

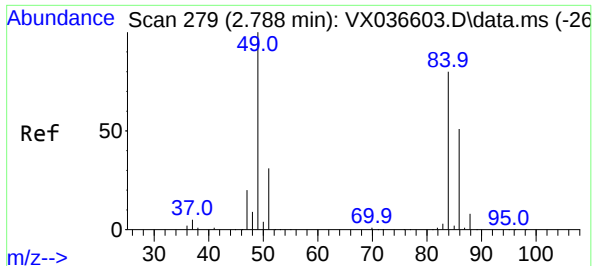
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 2.972 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion: 43 Resp: 2335
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9



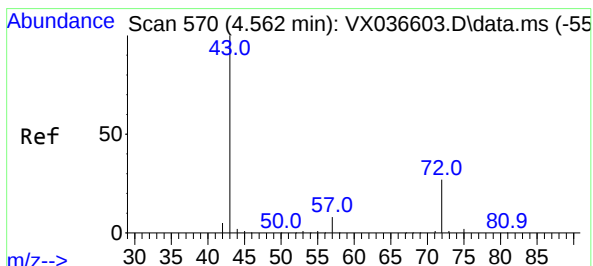
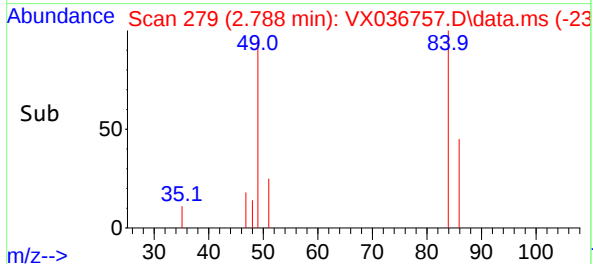
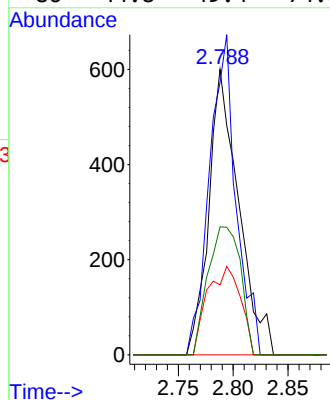
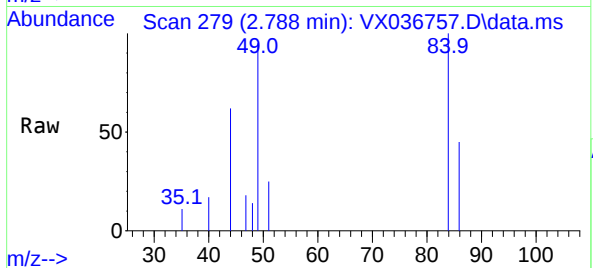


#20
Methylene Chloride
Concen: 0.651 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion: 84 Resp: 1137

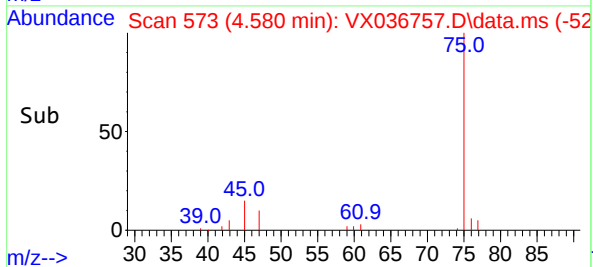
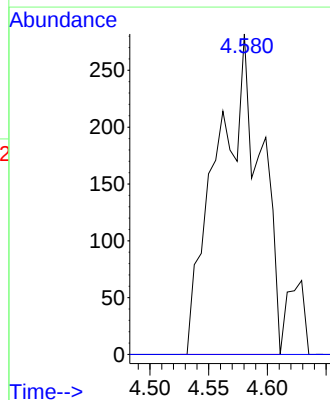
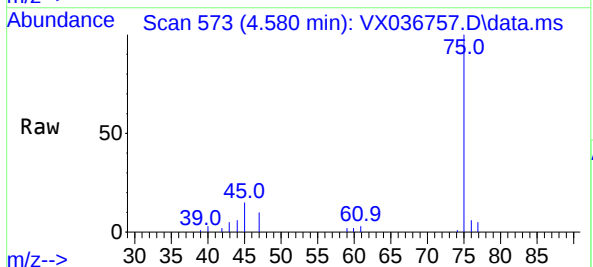
Ion	Ratio	Lower	Upper
84	100		
49	95.3	103.6	155.4#
51	24.5	33.8	50.6#
86	44.8	49.4	74.0#

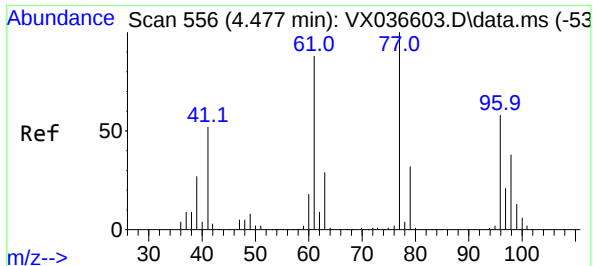


#25
2-Butanone
Concen: 0.572 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion: 43 Resp: 729

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#26

2,2-Dichloropropane

Concen: 0.278 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX036757.D

Acq: 01 Aug 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

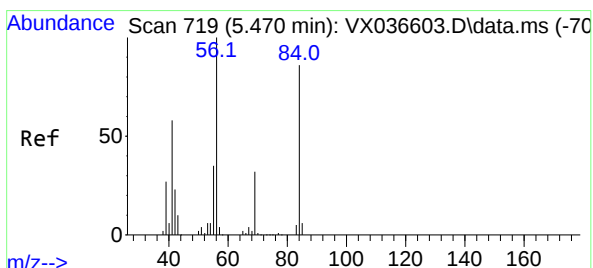
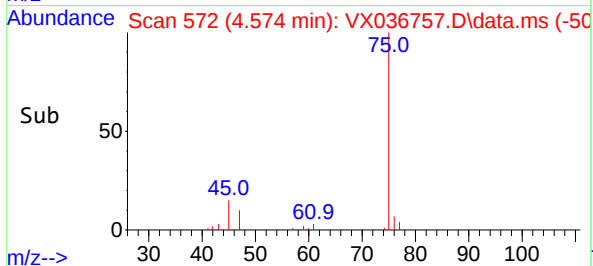
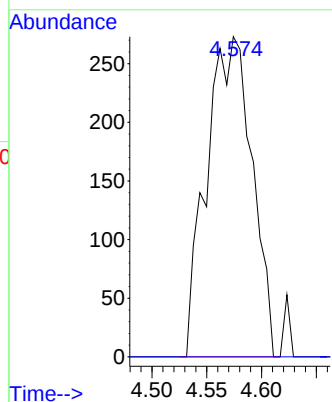
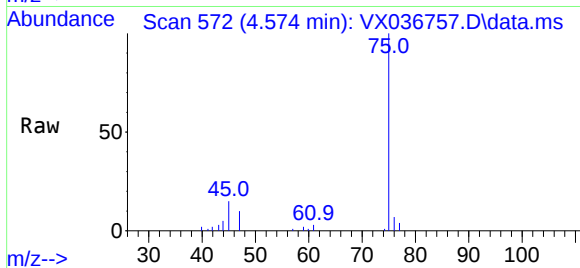
BUILDING-A-6-(5-10)ME

Tgt Ion: 77 Resp: 788

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.091 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036757.D

Acq: 01 Aug 2023 18:39

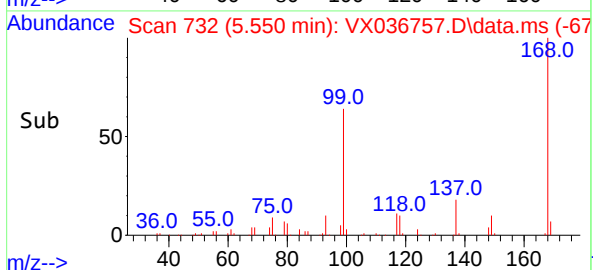
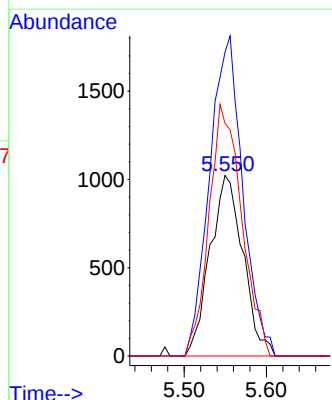
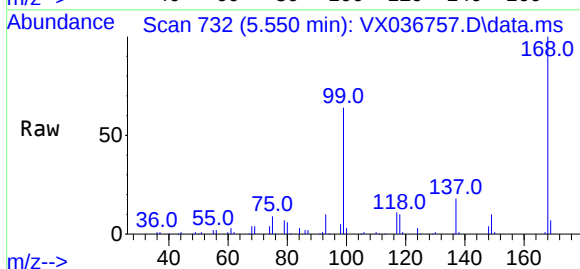
Tgt Ion: 56 Resp: 2860

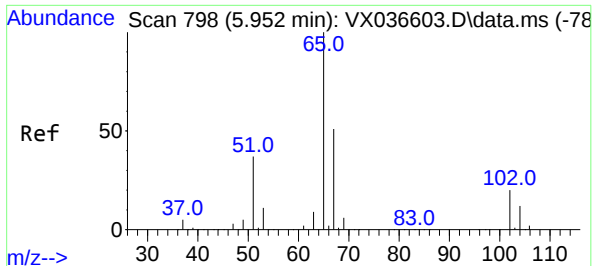
Ion Ratio Lower Upper

56 100

69 168.2 23.4 35.2#

84 128.8 65.9 98.9#

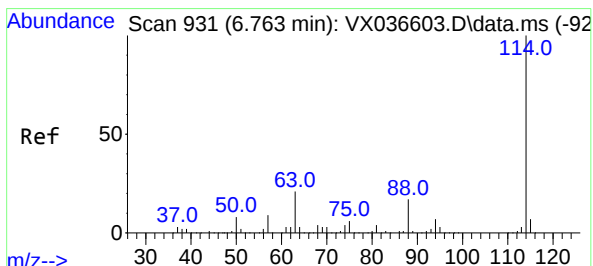
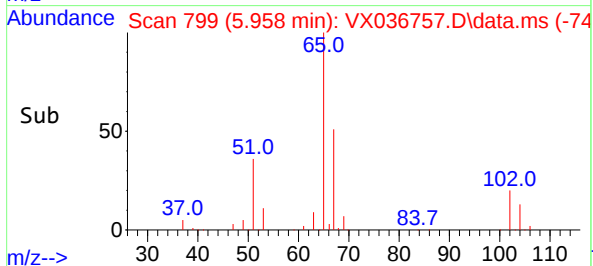
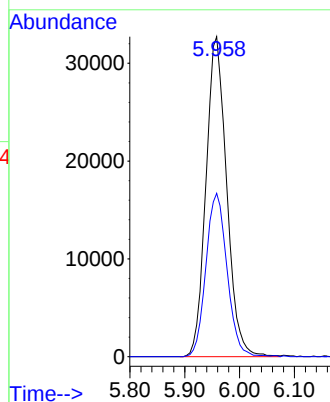
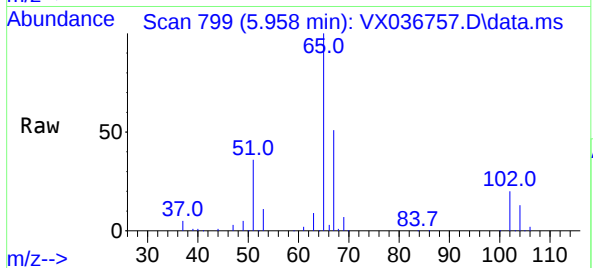




#33
1,2-Dichloroethane-d4
Concen: 45.233 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

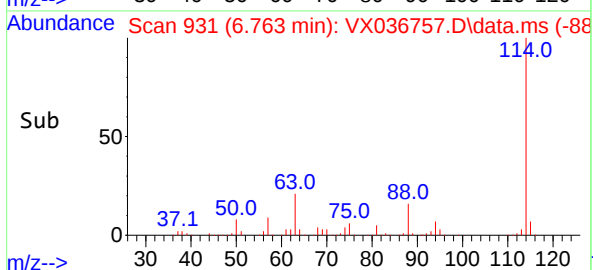
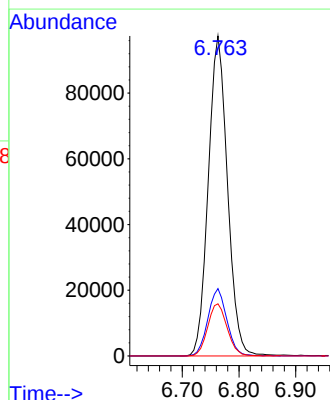
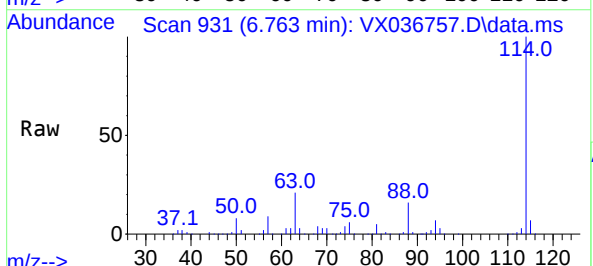
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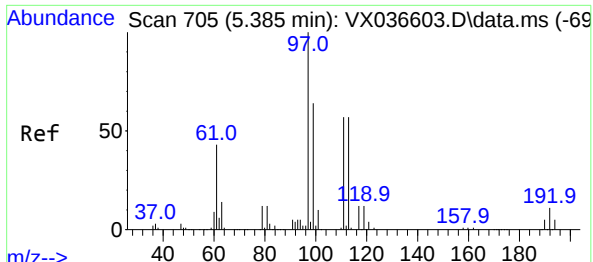
Tgt Ion: 65 Resp: 85638
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion: 114 Resp: 229029
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.3 0.0 36.6

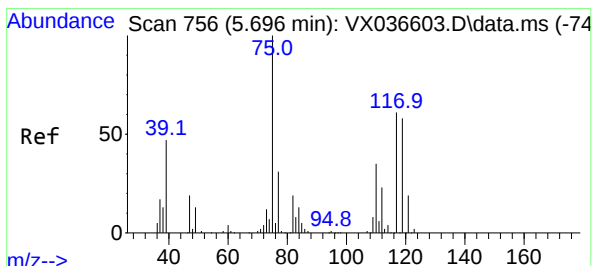
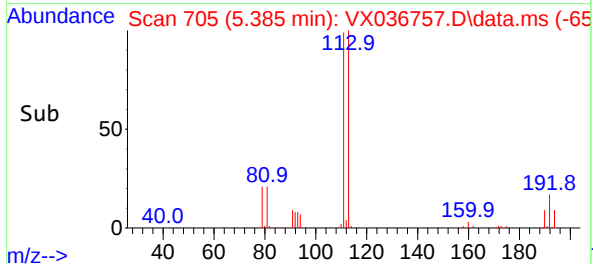
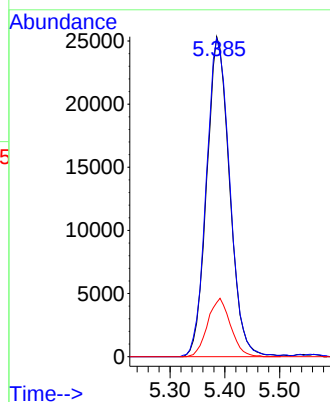
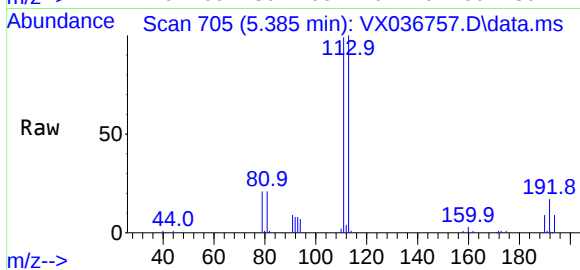




#35
Dibromofluoromethane
Concen: 46.501 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

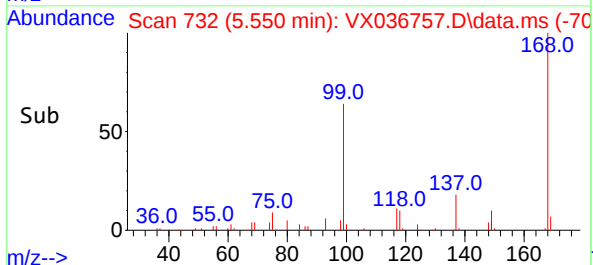
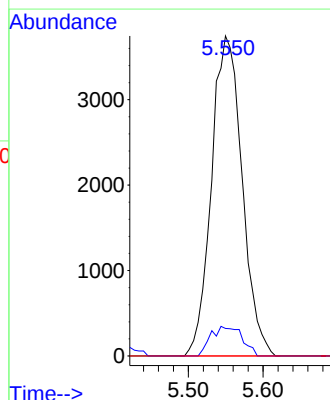
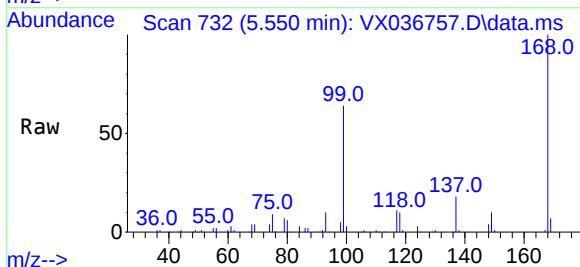
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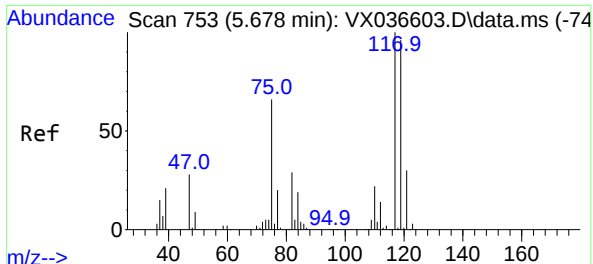
Tgt Ion:	113	Resp:	73202
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	18.3	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

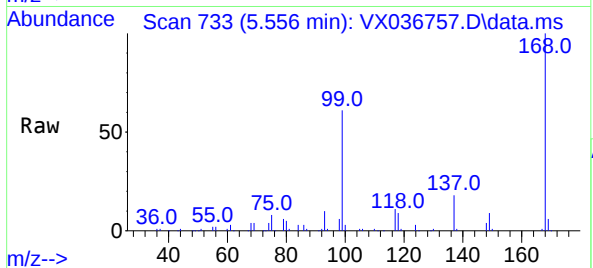
Tgt Ion:	75	Resp:	10670
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.0	24.7	37.1#



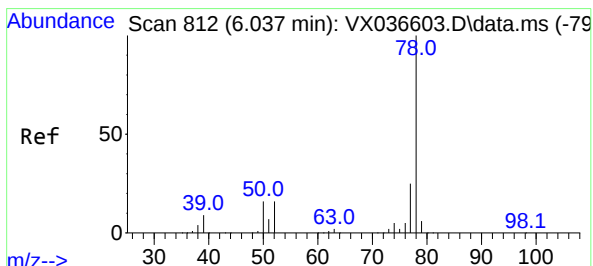
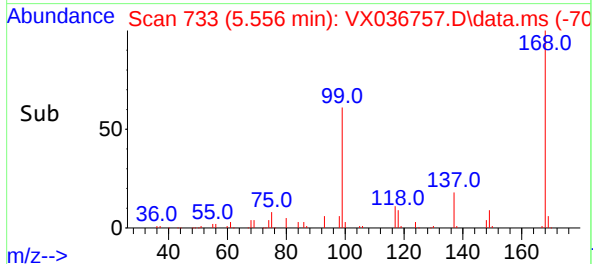
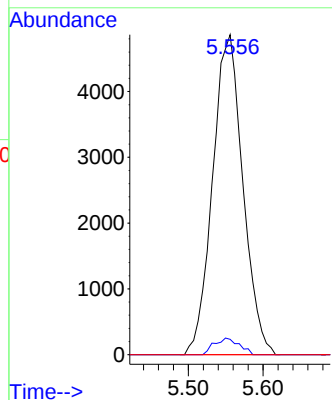


#38
Carbon Tetrachloride
Concen: 5.491 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036757.D
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Instrument :
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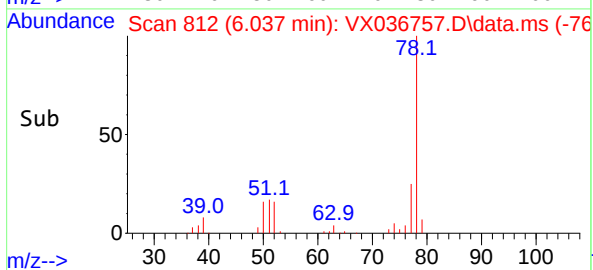
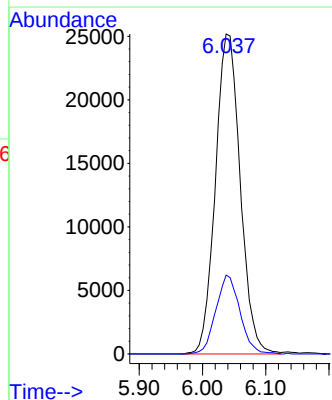
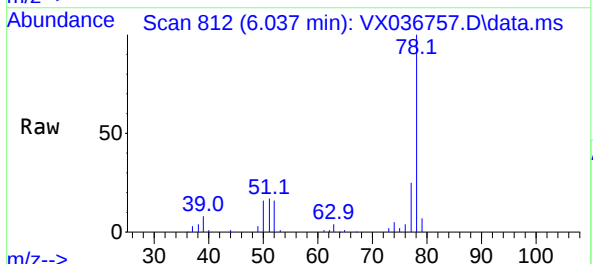


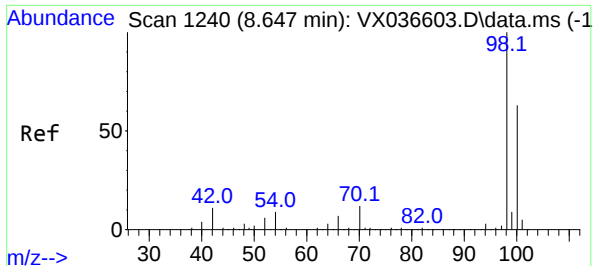
Tgt Ion:117 Resp: 13697
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 10.034 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion: 78 Resp: 68497
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#50

Toluene-d8

Concen: 49.499 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036757.D

Acq: 01 Aug 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

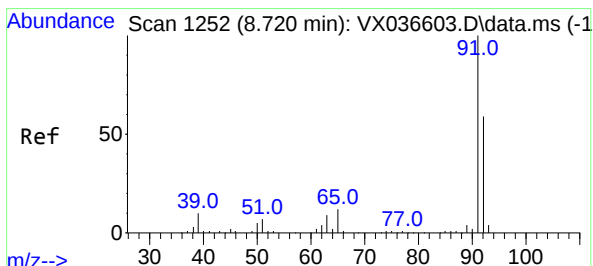
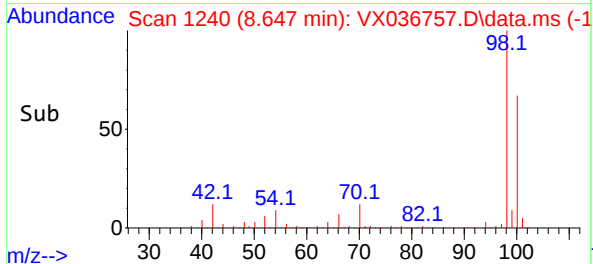
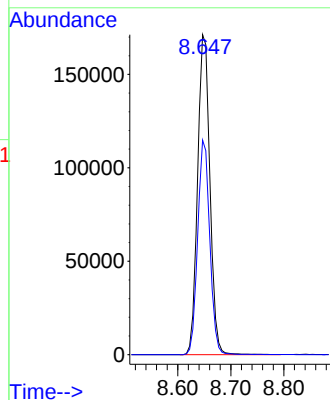
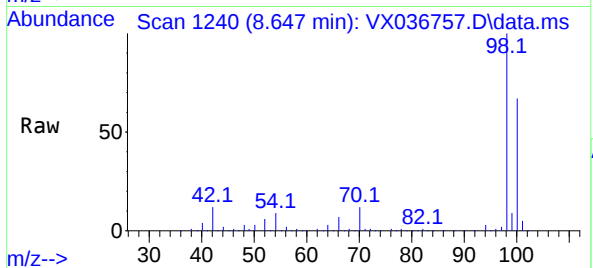
BUILDING-A-6-(5-10)ME

Tgt Ion: 98 Resp: 276332

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#52

Toluene

Concen: 7.277 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036757.D

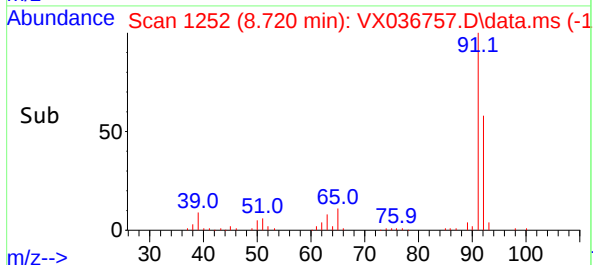
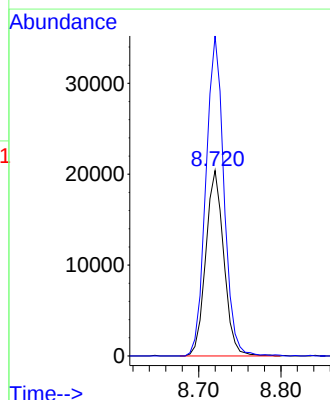
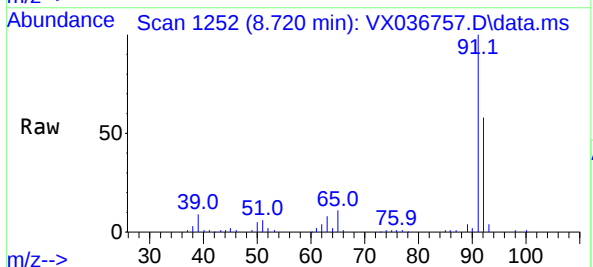
Acq: 01 Aug 2023 18:39

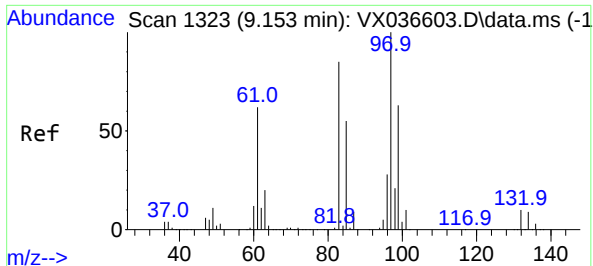
Tgt Ion: 92 Resp: 31127

Ion Ratio Lower Upper

92 100

91 172.6 134.2 201.2

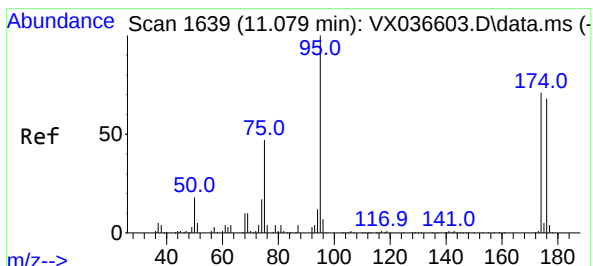
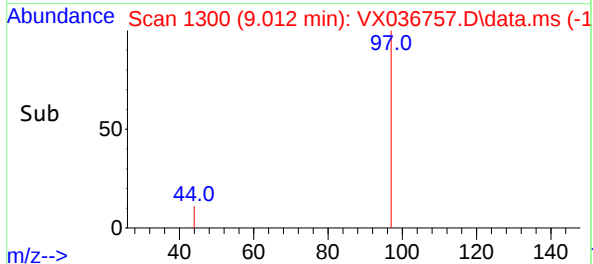
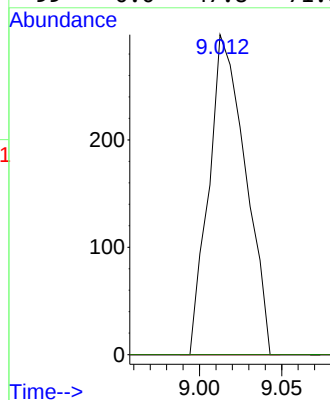
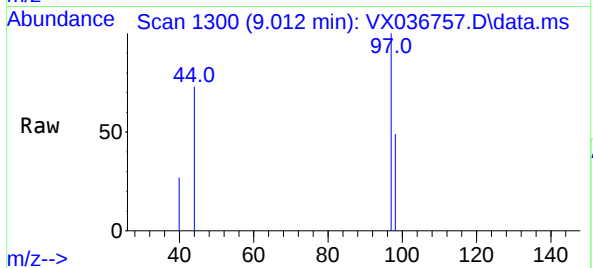




#55
1,1,2-Trichloroethane
Concen: 0.256 ug/l
RT: 9.012 min Scan# 11
Delta R.T. -0.140 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

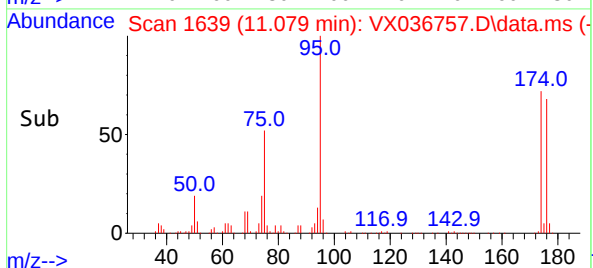
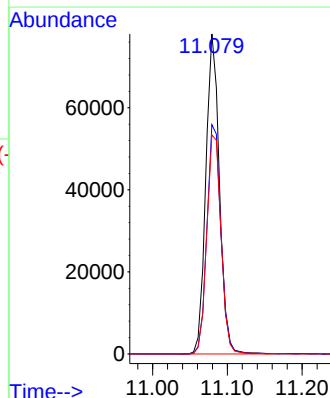
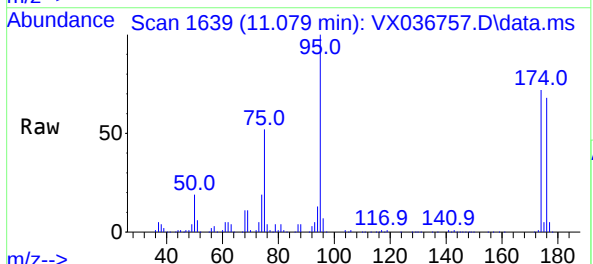
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

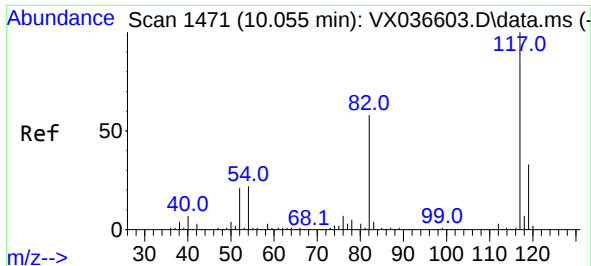
Tgt Ion:	97	Resp:	460
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.8	98.8#
85	0.0	41.6	62.4#
99	0.0	47.8	71.8#



#62
4-Bromofluorobenzene
Concen: 46.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion:	95	Resp:	98252
Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	135.6
176	71.8	0.0	131.0

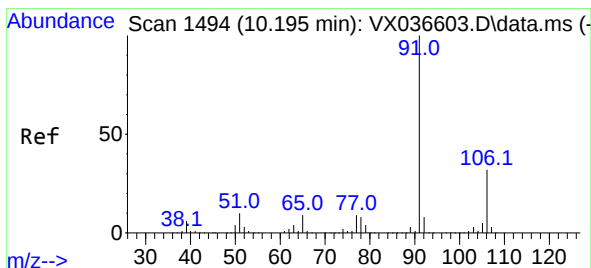
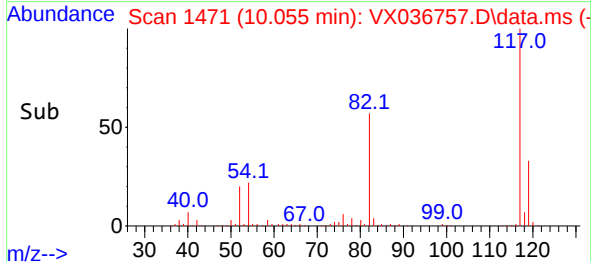
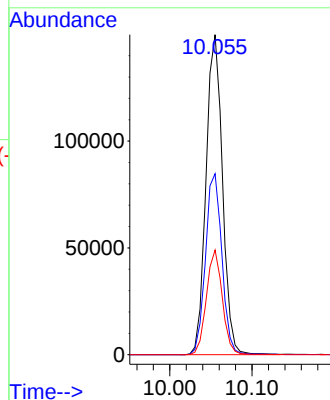
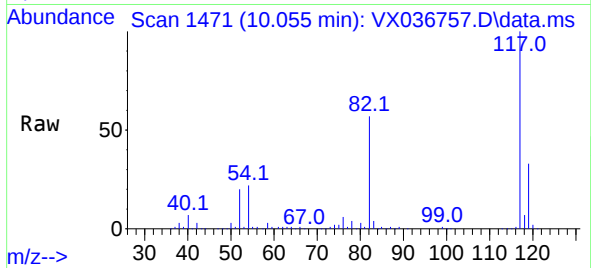




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

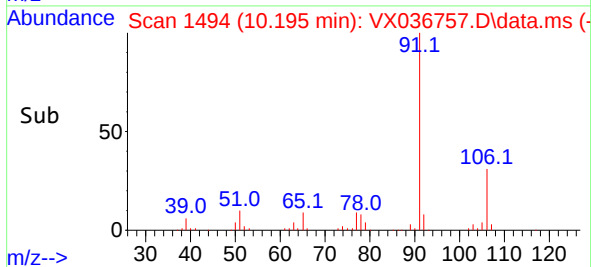
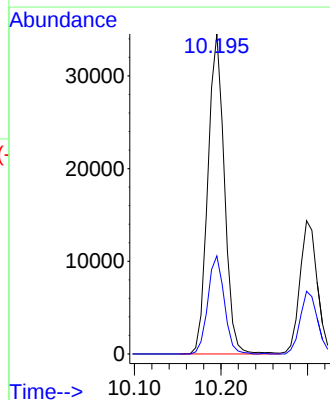
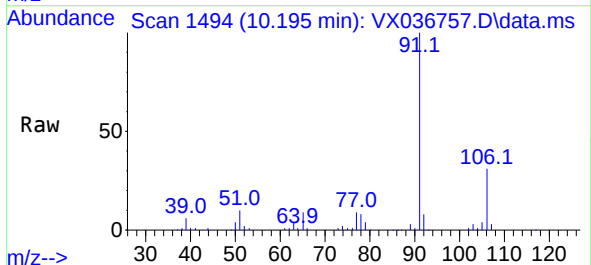
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

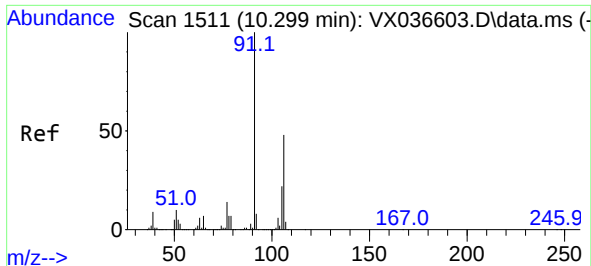
Tgt Ion:117 Resp: 208244
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.7 25.5 38.3



#67
Ethyl Benzene
Concen: 5.453 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion: 91 Resp: 45725
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

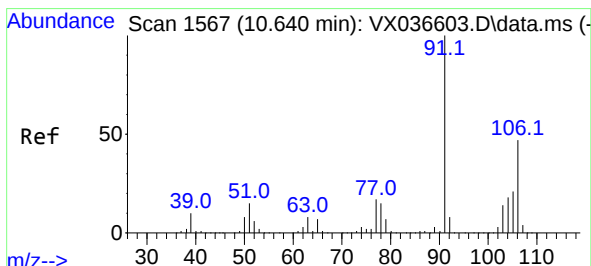
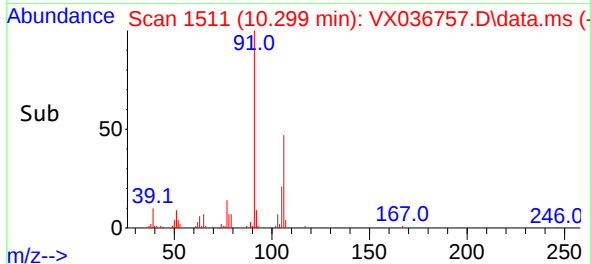
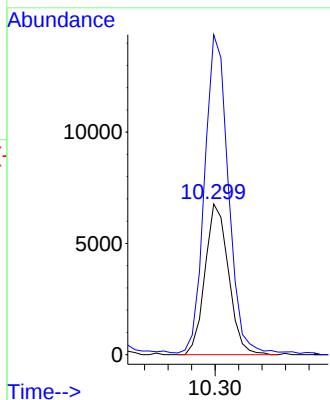
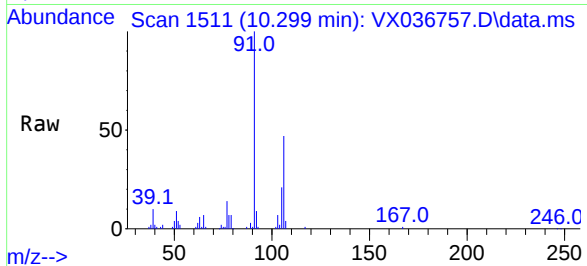




#68
m/p-Xylenes
Concen: 3.002 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

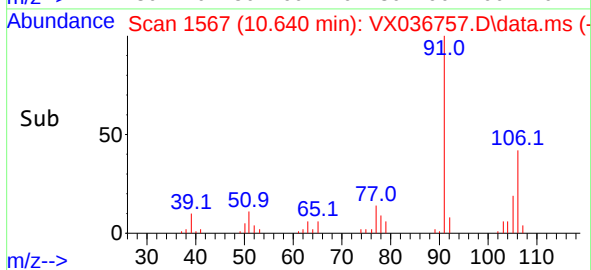
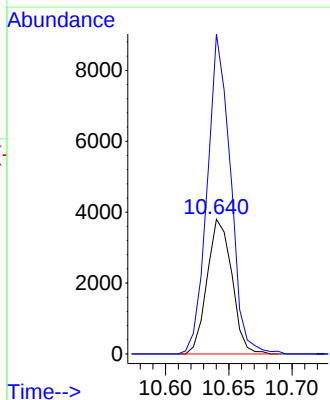
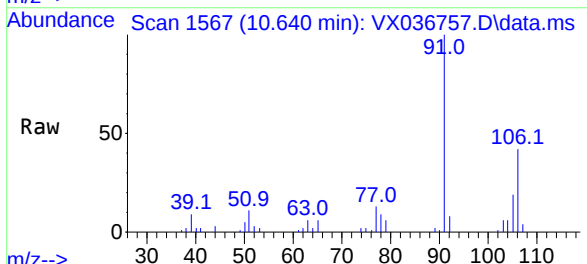
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

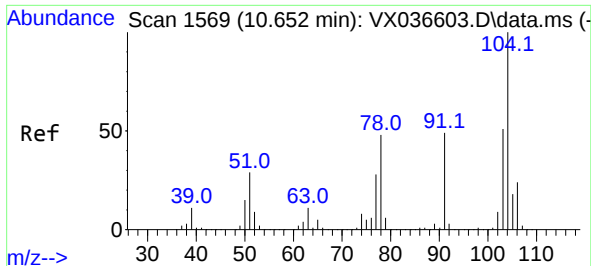
Tgt Ion:106 Resp: 9393
Ion Ratio Lower Upper
106 100
91 217.8 165.5 248.3



#69
o-Xylene
Concen: 1.654 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion:106 Resp: 5166
Ion Ratio Lower Upper
106 100
91 223.6 108.9 326.8

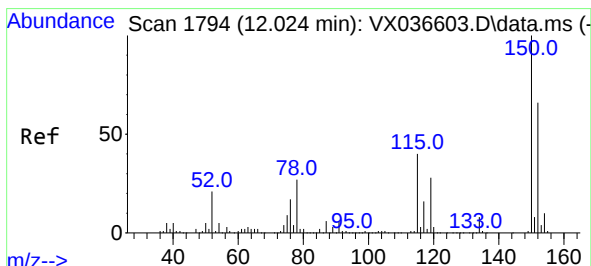
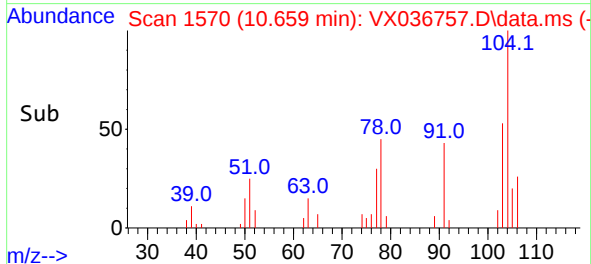
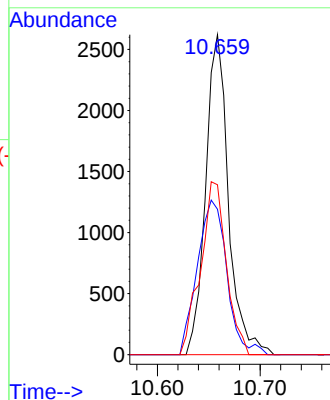
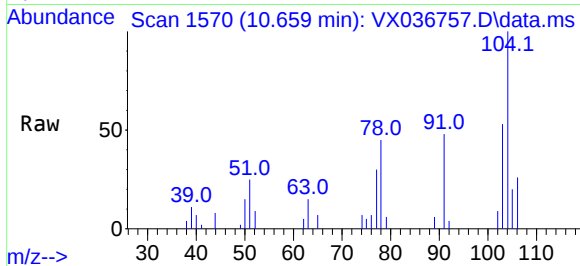




#70
Styrene
Concen: 0.785 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

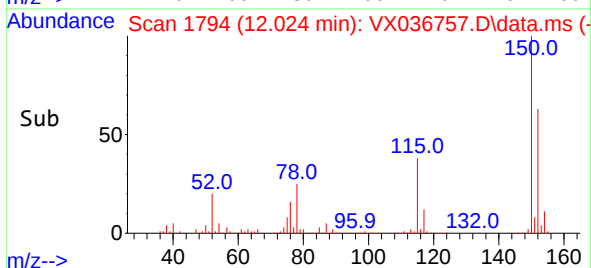
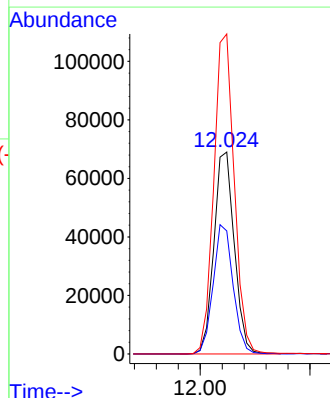
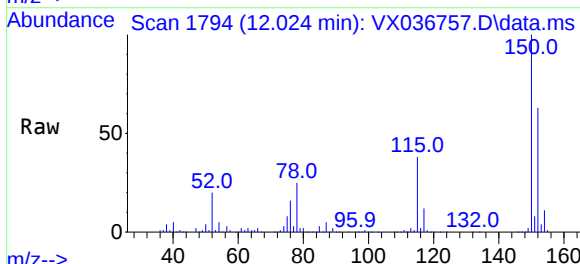
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

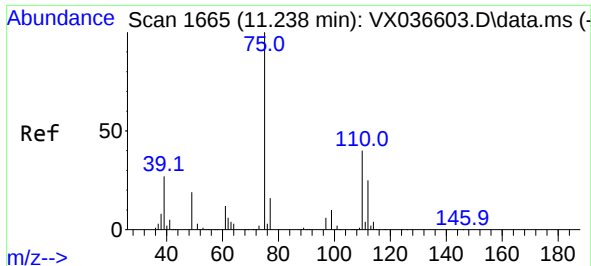
Tgt Ion:	104	Resp:	4043
Ion	Ratio	Lower	Upper
104	100		
78	62.6	43.6	65.4
103	61.2	43.6	65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion:	152	Resp:	89246
Ion	Ratio	Lower	Upper
152	100		
115	62.7	43.3	129.9
150	159.3	0.0	345.0

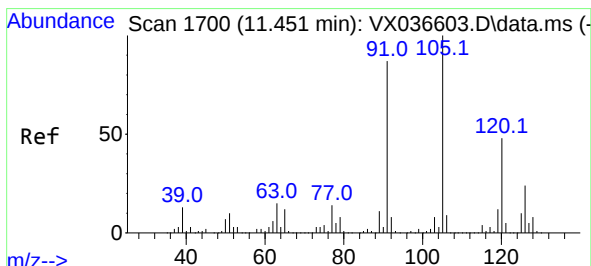
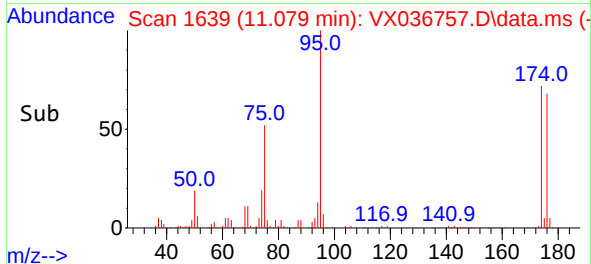
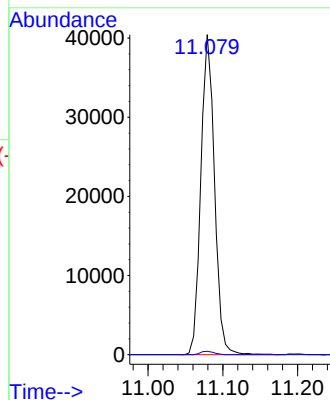
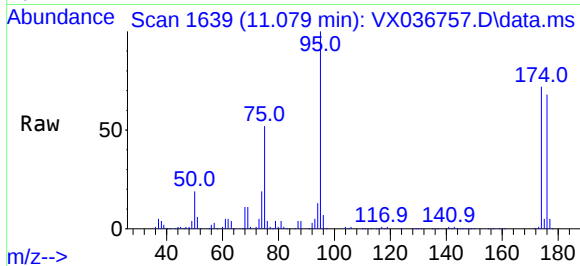




#76
1,2,3-Trichloropropane
Concen: 24.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

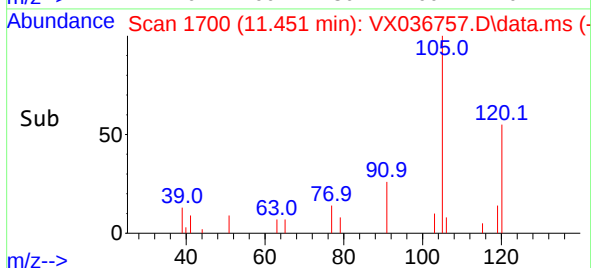
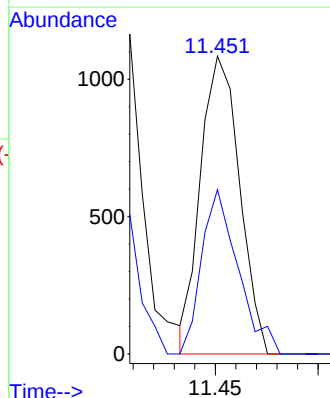
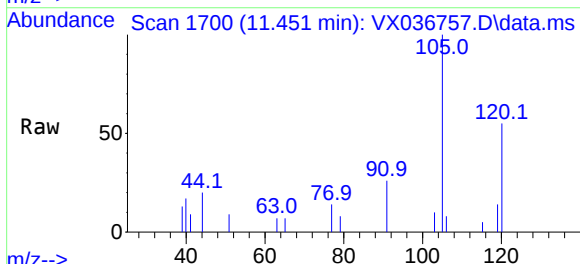
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

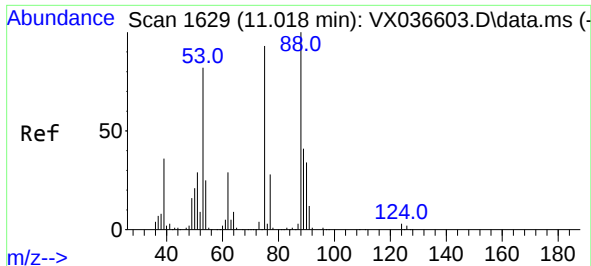
Tgt Ion: 75 Resp: 51214
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.231 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion:105 Resp: 1427
Ion Ratio Lower Upper
105 100
120 51.7 24.1 72.3

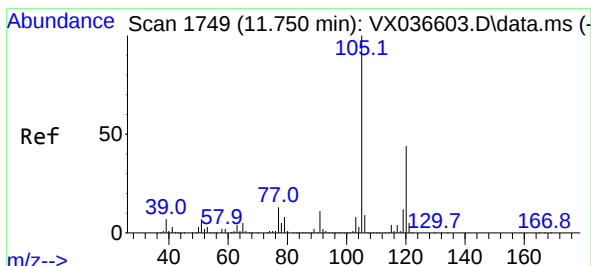
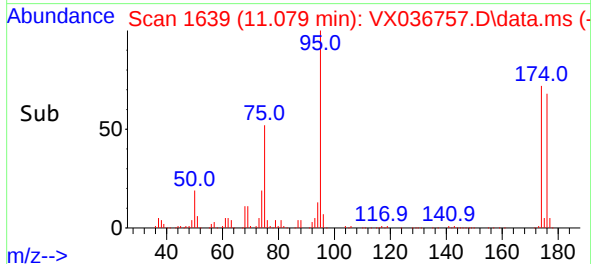
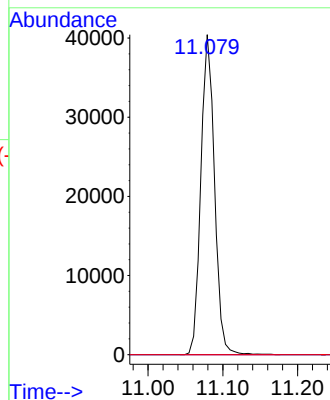
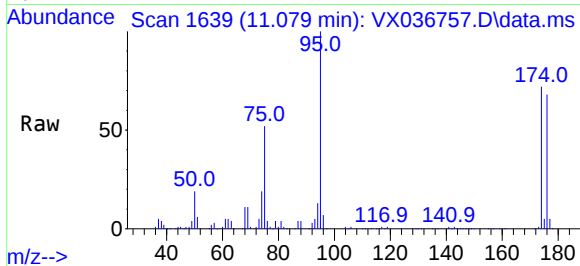




#81
trans-1,4-Dichloro-2-butene
Concen: 55.298 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

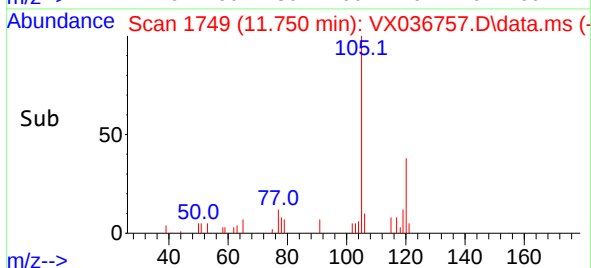
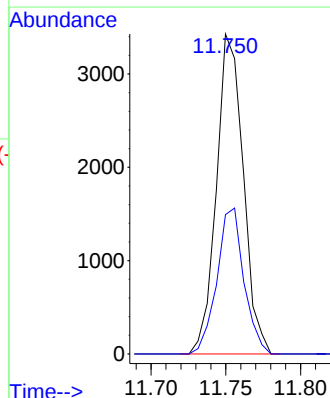
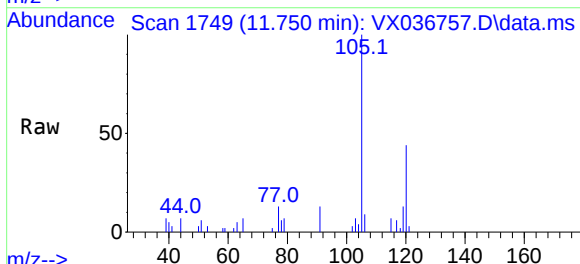
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

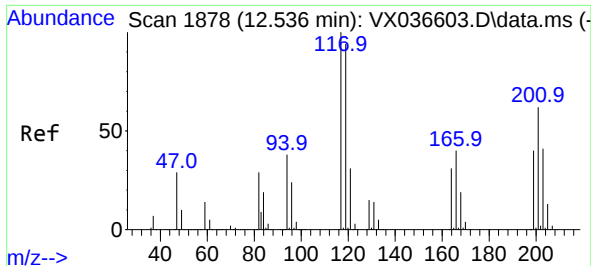
Tgt Ion: 75 Resp: 51214
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.691 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion: 105 Resp: 4272
Ion Ratio Lower Upper
105 100
120 45.9 21.2 63.6

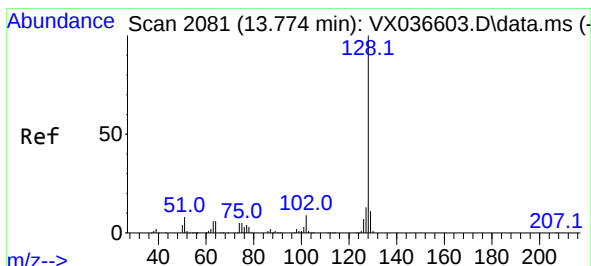
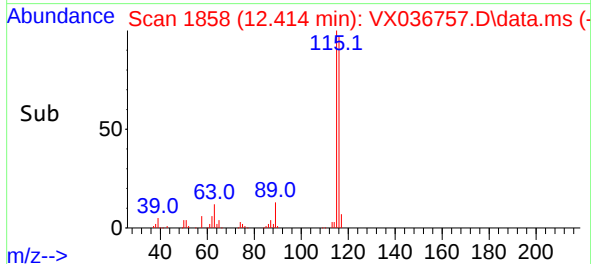
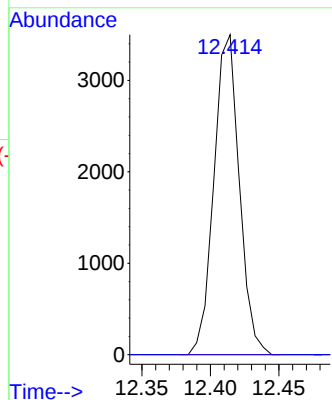
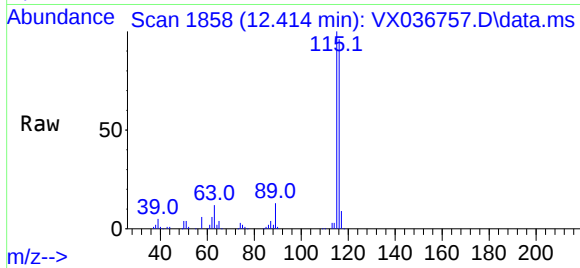




#90
Hexachloroethane
Concen: 3.570 ug/l
RT: 12.414 min Scan# 117
Delta R.T. -0.122 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion:117 Resp: 4508
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 32.137 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036757.D
Acq: 01 Aug 2023 18:39

Tgt Ion:128 Resp: 207422
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

