

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036777.D
 Acq On : 02 Aug 2023 17:53
 Operator : JC/MD
 Sample : 03815-01 10X
 Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 03 07:30:21 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)

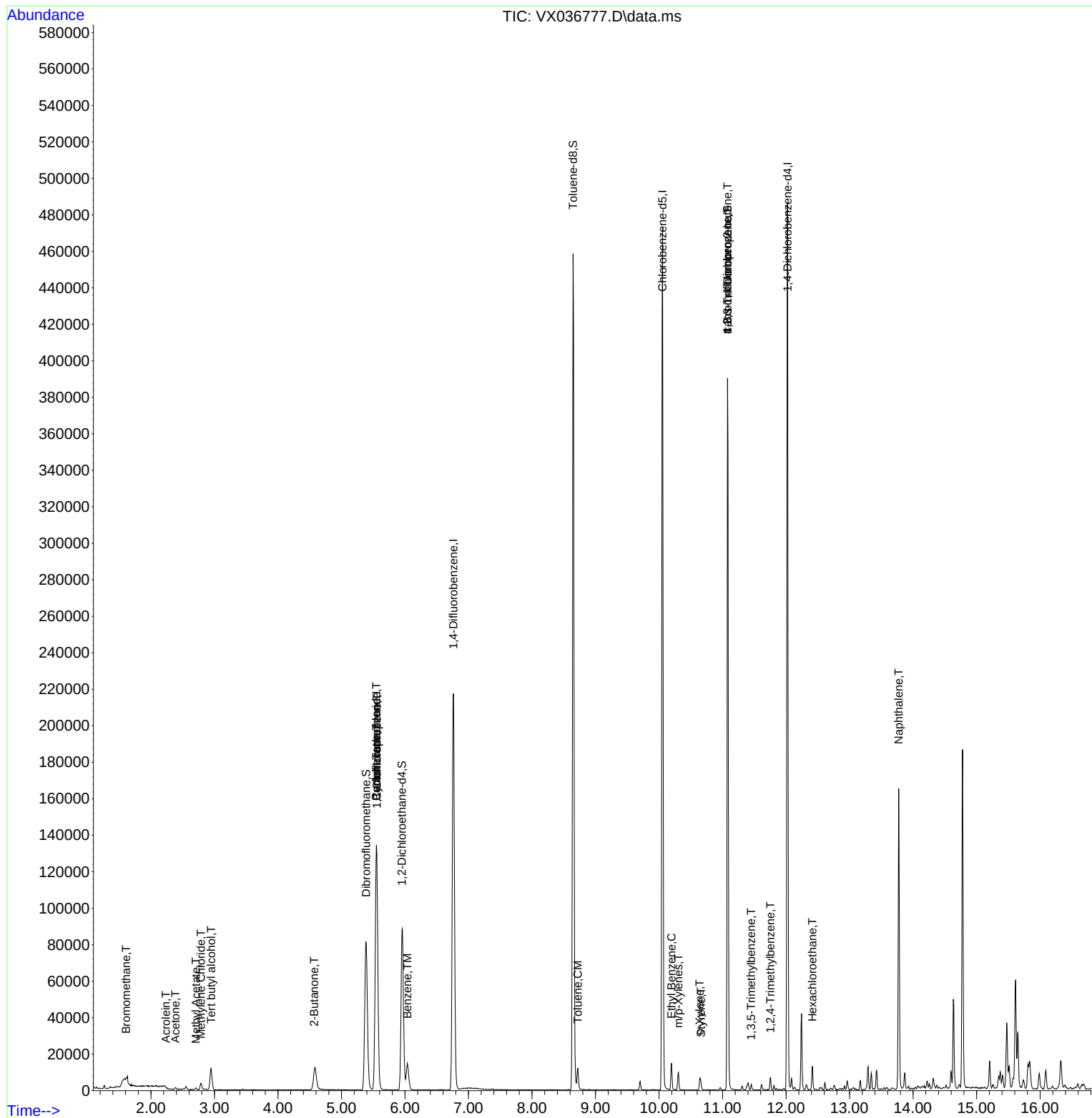
Internal Standards						
1) Pentafluorobenzene	5.550	168	125667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85905	46.200	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.400%		
35) Dibromofluoromethane	5.385	113	72284	45.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.647	98	272455	48.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.079	95	103898	49.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.600%		
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	274	0.299	ug/l #	42
11) Tert butyl alcohol	2.946	59	6977	15.849	ug/l #	79
13) Acrolein	2.233	56	79	0.314	ug/l #	14
16) Acetone	2.386	43	1173	1.520	ug/l	92
18) Methyl Acetate	2.709	43	1477	0.455	ug/l	91
20) Methylene Chloride	2.788	84	1992	1.161	ug/l	88
25) 2-Butanone	4.568	43	1052	0.840	ug/l #	86
31) Cyclohexane	5.550	56	2935	1.140	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	10315	4.393	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13392	5.365	ug/l #	13
40) Benzene	6.037	78	17171	2.514	ug/l	99
52) Toluene	8.720	92	4279	1.000	ug/l	97
67) Ethyl Benzene	10.195	91	8815	1.031	ug/l	99
68) m/p-Xylenes	10.305	106	2438	0.765	ug/l	99
69) o-Xylene	10.640	106	1348	0.424	ug/l	98
70) Styrene	10.658	104	1711	0.326	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	54475	23.259	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	1477	0.214	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	54475	52.717	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	3255	0.472	ug/l	94
90) Hexachloroethane	12.414	117	589	0.418	ug/l #	17
95) Naphthalene	13.774	128	99345	13.795	ug/l	100

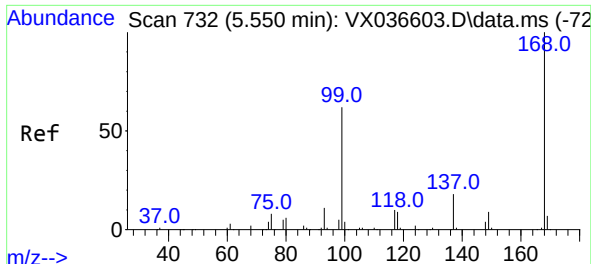
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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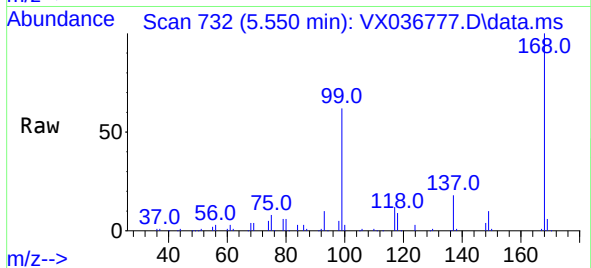
Quant Time: Aug 03 07:30:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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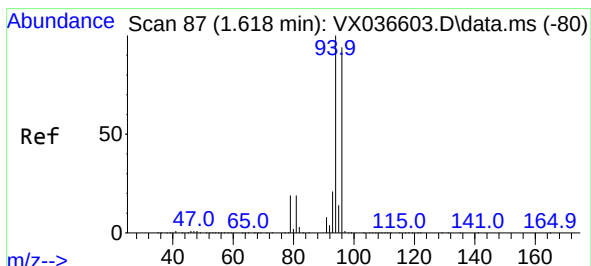
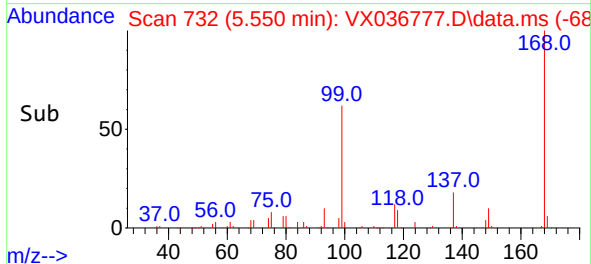
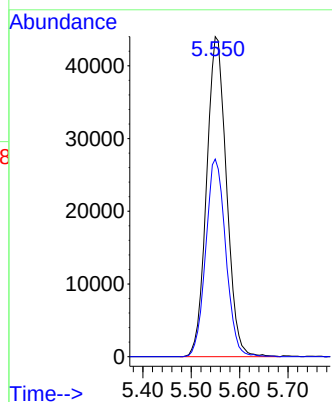


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :

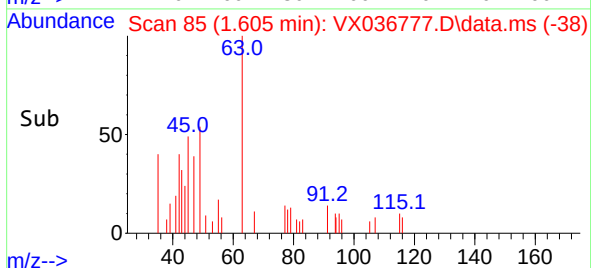
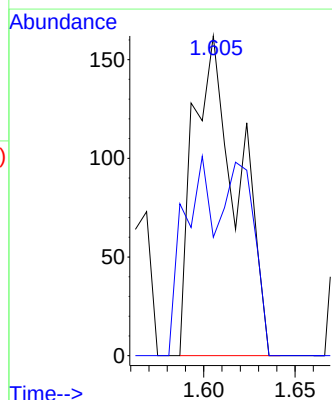
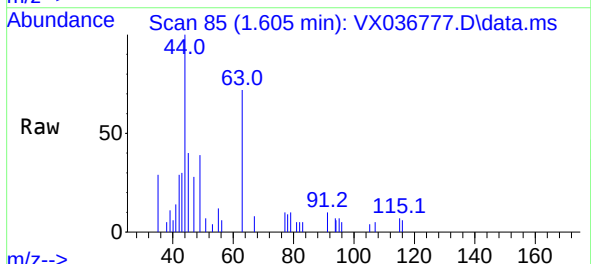


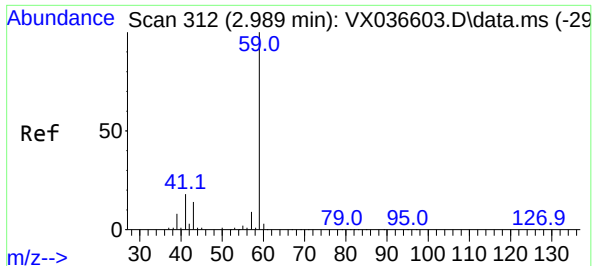
Tgt Ion:168 Resp: 125667
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#5
Bromomethane
Concen: 0.299 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 37.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 15.849 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.043 min

Lab File: VX036777.D

Acq: 02 Aug 2023 17:53

Instrument :

MSVOA_X

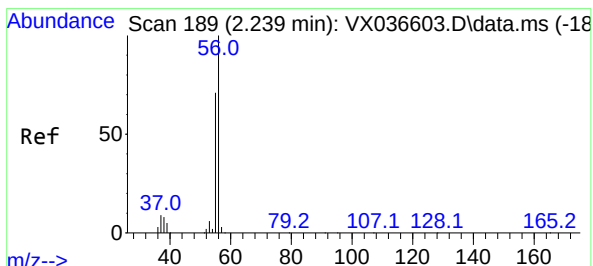
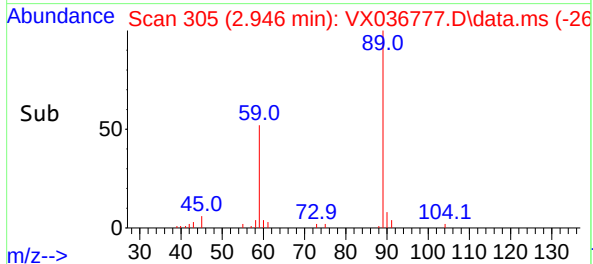
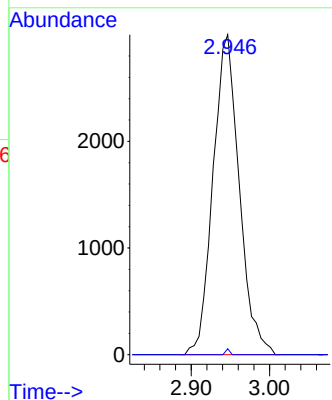
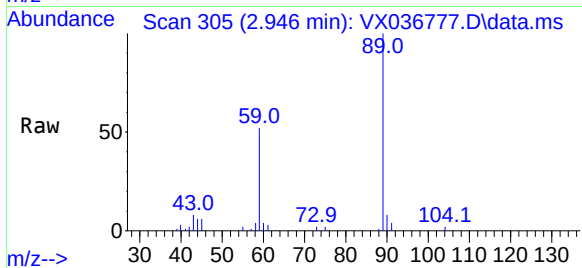
ClientSampleId :

Tgt Ion: 59 Resp: 6977

Ion Ratio Lower Upper

59 100

57 0.3 6.0 9.0#



#13

Acrolein

Concen: 0.314 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX036777.D

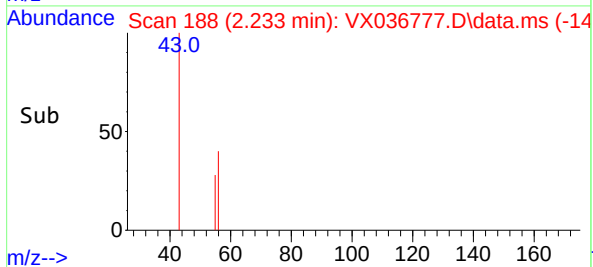
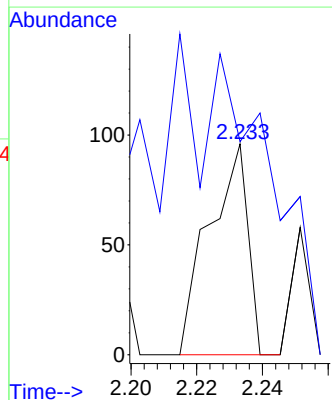
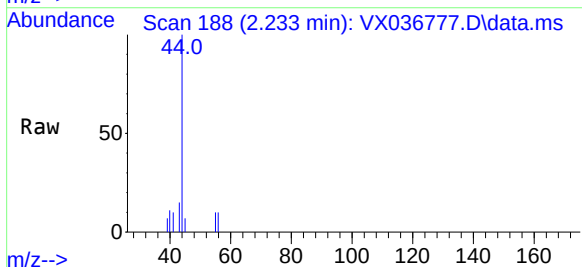
Acq: 02 Aug 2023 17:53

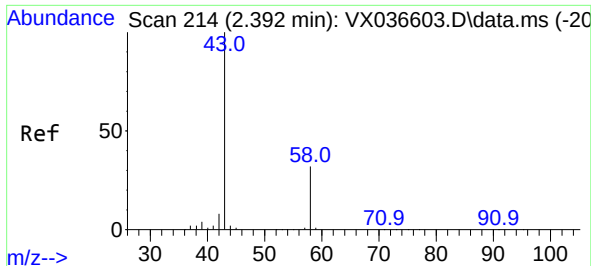
Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

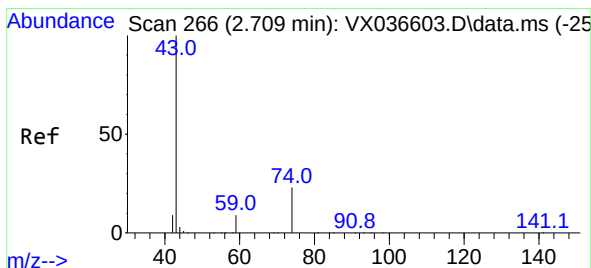
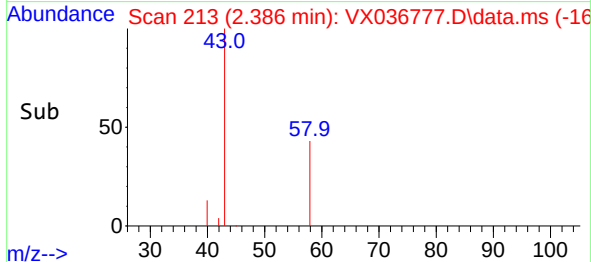
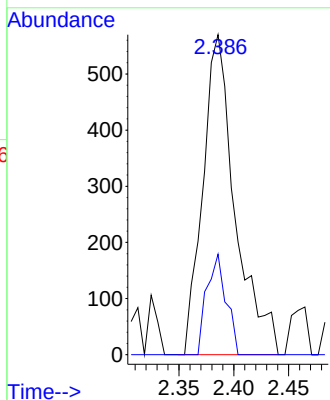
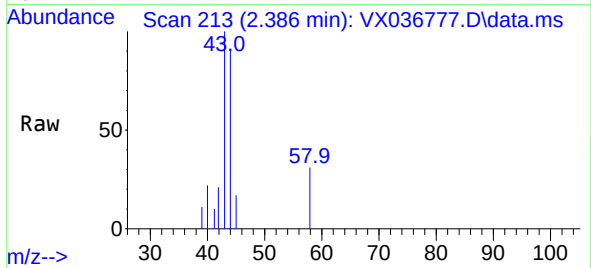




#16
Acetone
Concen: 1.520 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

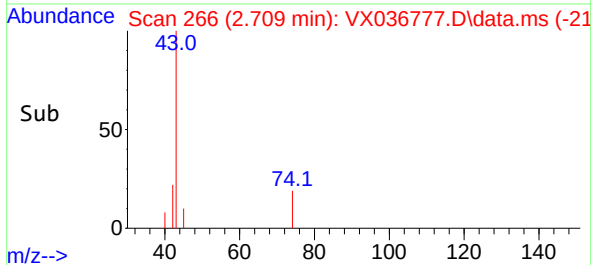
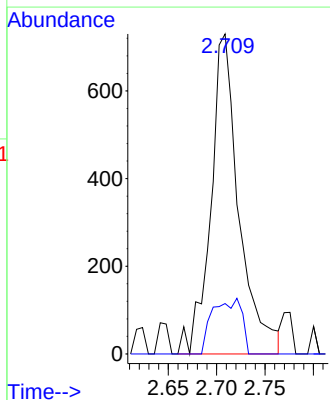
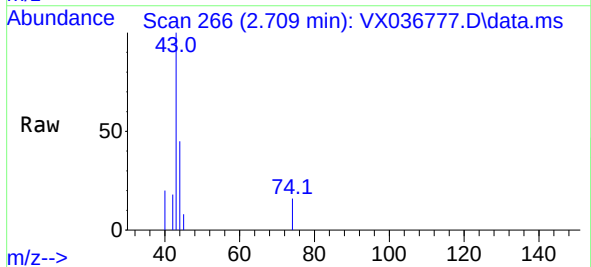
Instrument :
MSVOA_X
ClientSampleId :

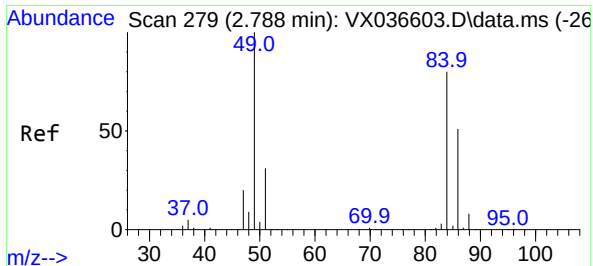
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#18
Methyl Acetate
Concen: 0.455 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

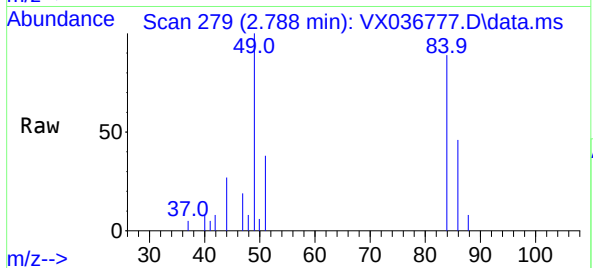
Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
74 18.0 17.8 26.8





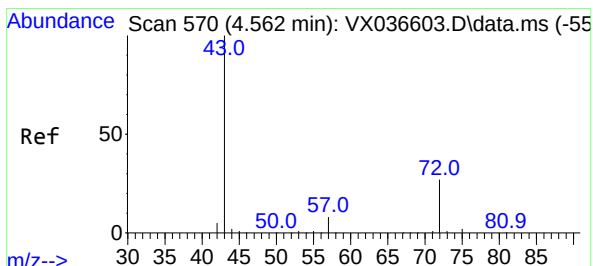
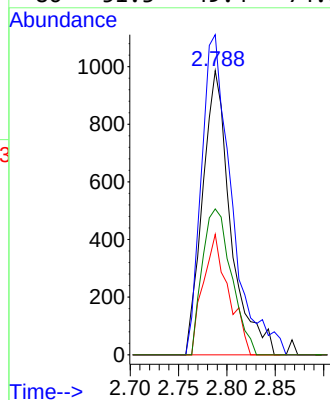
#20
Methylene Chloride
Concen: 1.161 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1992

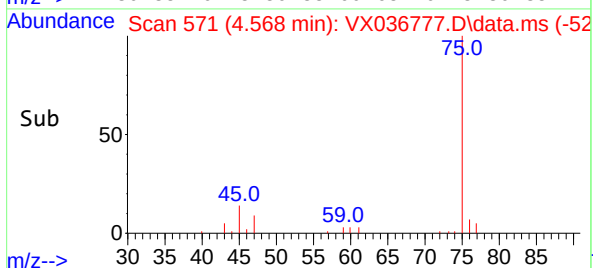
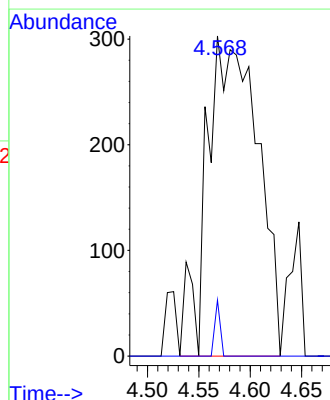
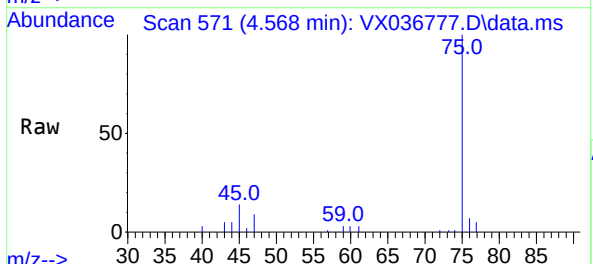
Ion	Ratio	Lower	Upper
84	100		
49	112.7	103.6	155.4
51	42.4	33.8	50.6
86	51.3	49.4	74.0

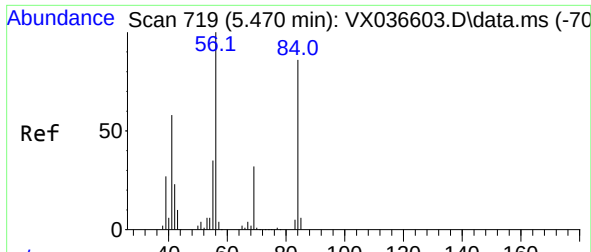


#25
2-Butanone
Concen: 0.840 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion: 43 Resp: 1052

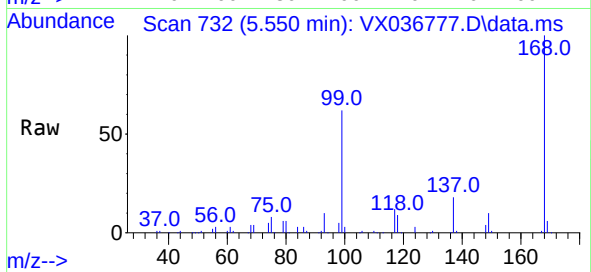
Ion	Ratio	Lower	Upper
43	100		
72	17.5	19.4	29.2#



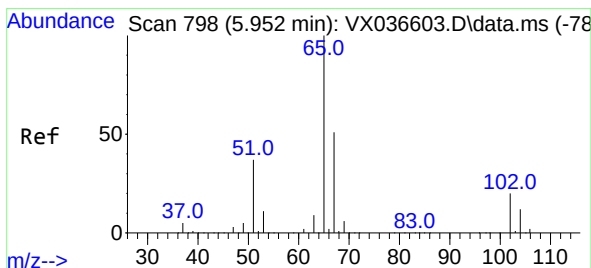
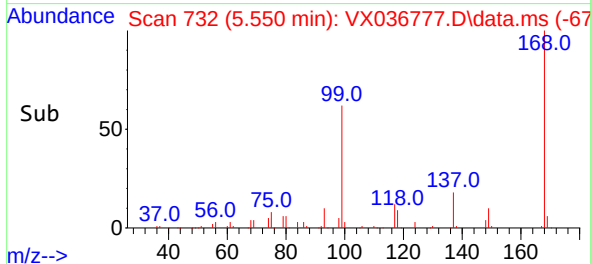
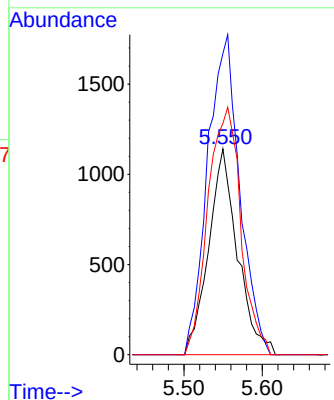


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Instrument :
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ClientSampleId :

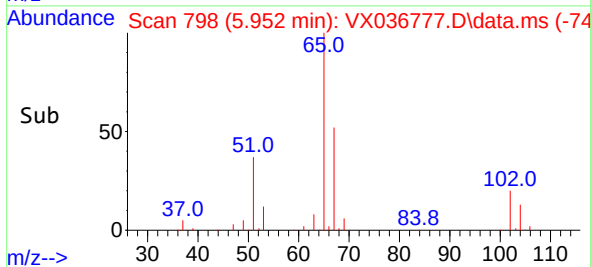
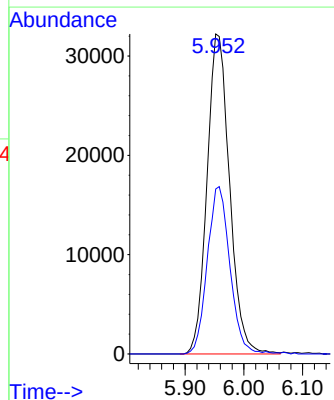
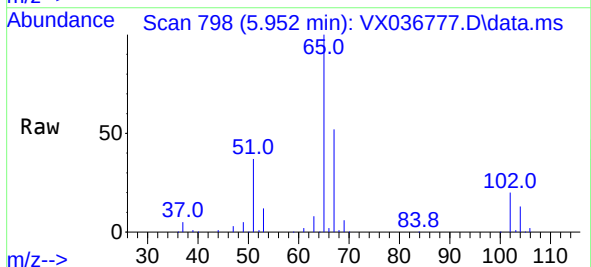


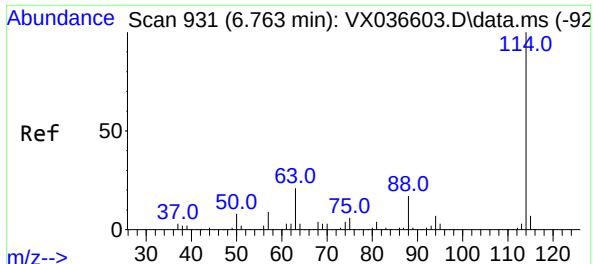
Tgt Ion: 56 Resp: 2935
Ion Ratio Lower Upper
56 100
69 146.3 23.4 35.2#
84 112.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.200 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion: 65 Resp: 85905
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

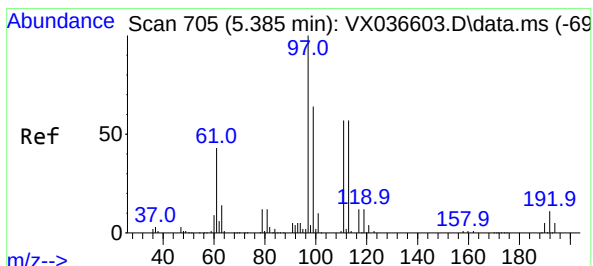
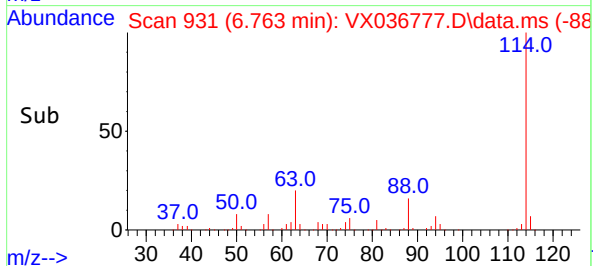
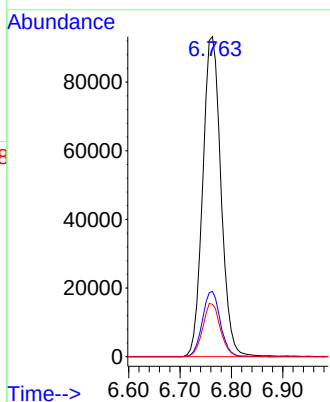
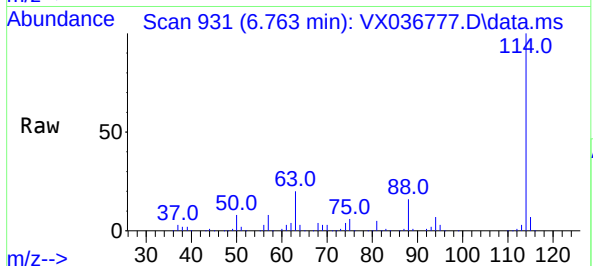




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

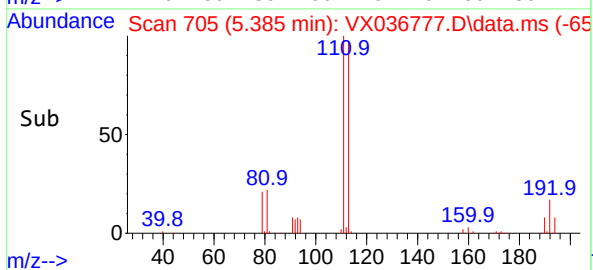
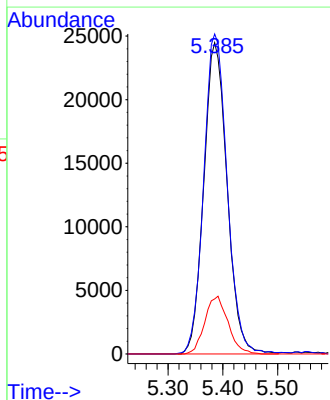
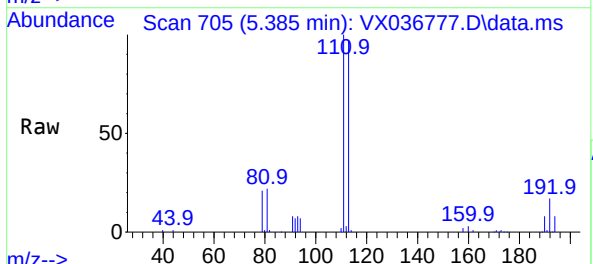
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MSVOA_X
ClientSampleId :

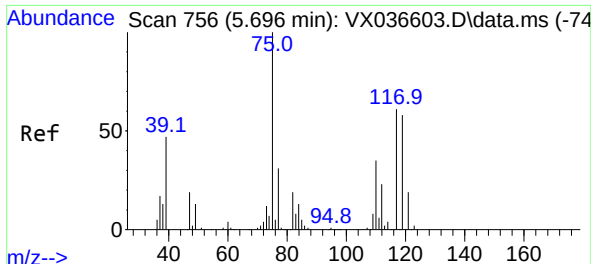
Tgt Ion:114 Resp: 229176
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.888 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

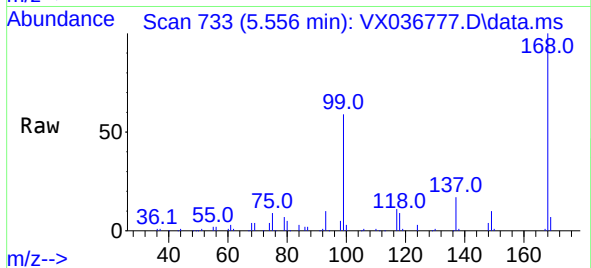
Tgt Ion:113 Resp: 72284
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.5 13.3 19.9



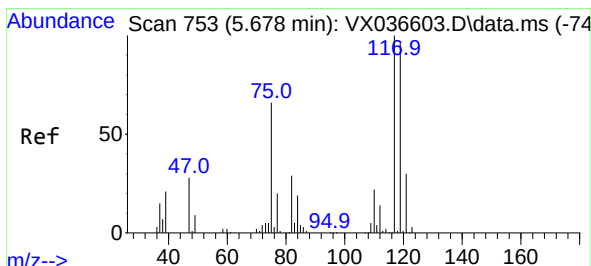
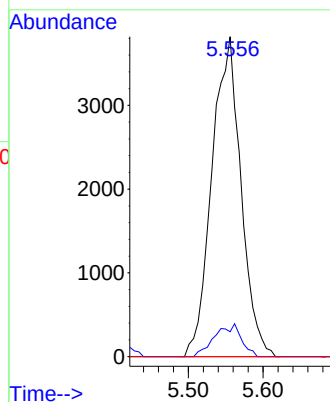
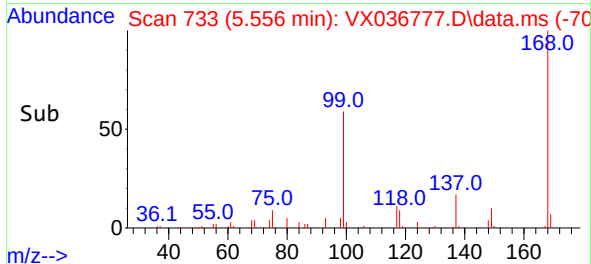


#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

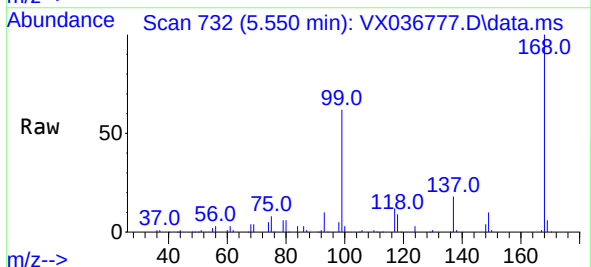
Instrument :
MSVOA_X
ClientSampleId :



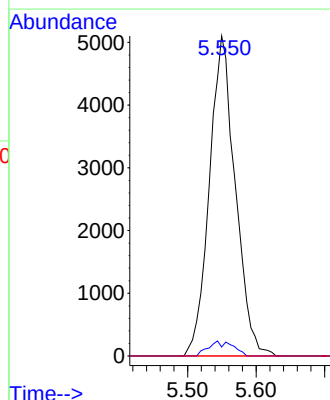
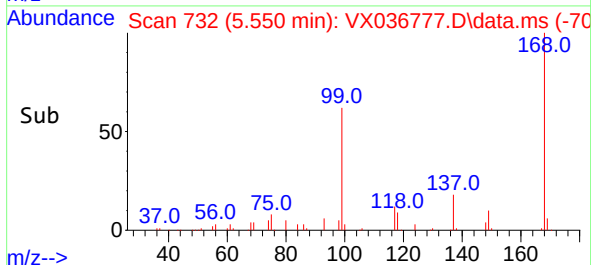
Tgt Ion: 75 Resp: 10315
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#

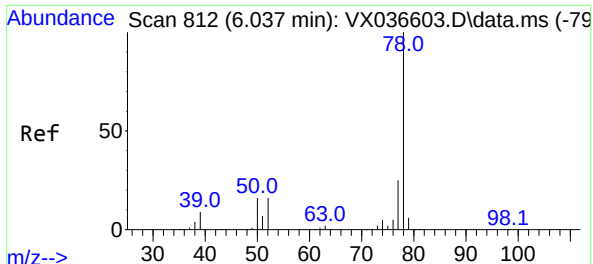


#38
Carbon Tetrachloride
Concen: 5.365 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53



Tgt Ion: 117 Resp: 13392
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#

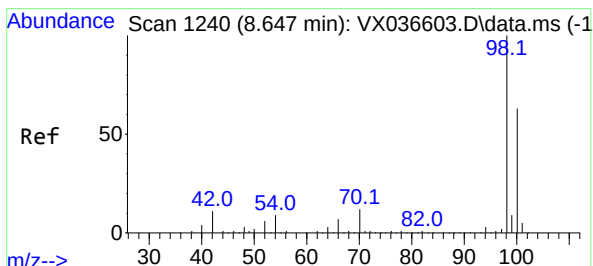
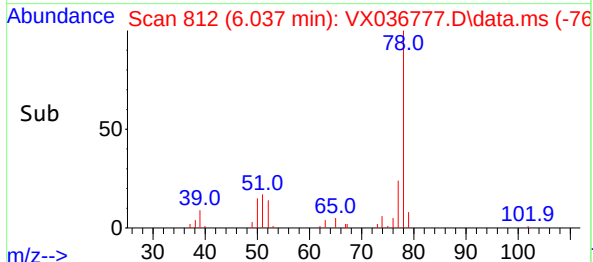
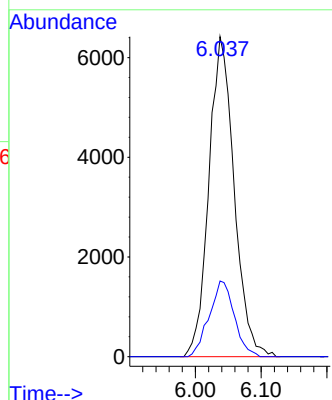
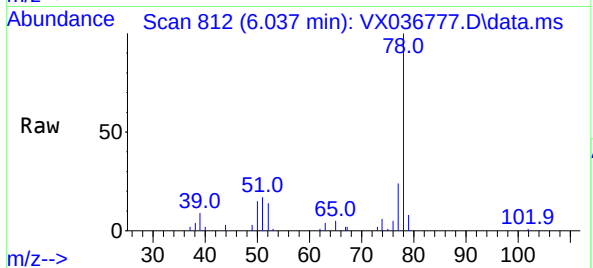




#40
Benzene
Concen: 2.514 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

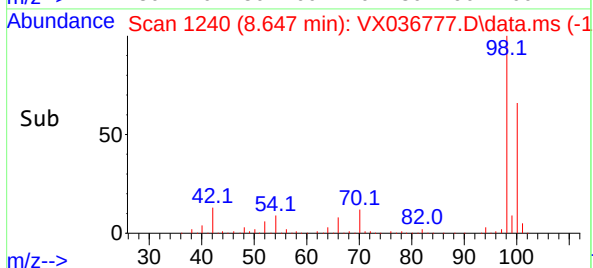
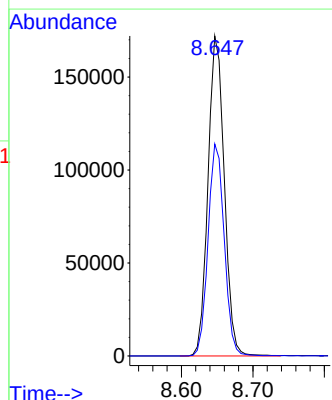
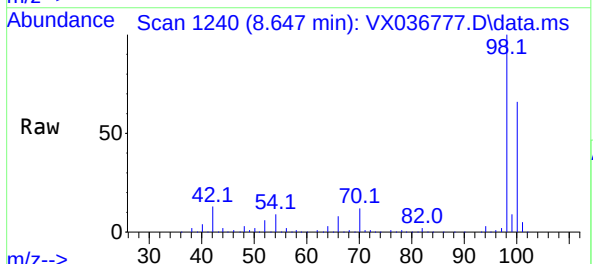
Instrument :
MSVOA_X
ClientSampleId :

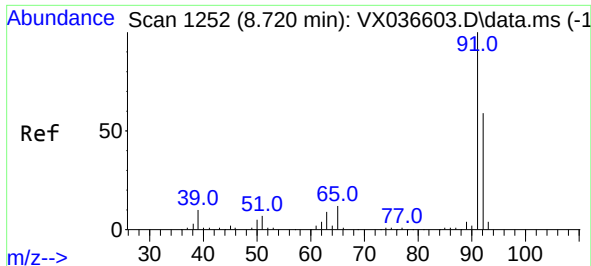
Tgt Ion: 78 Resp: 17171
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



#50
Toluene-d8
Concen: 48.774 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion: 98 Resp: 272455
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#52

Toluene

Concen: 1.000 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036777.D

Acq: 02 Aug 2023 17:53

Instrument :

MSVOA_X

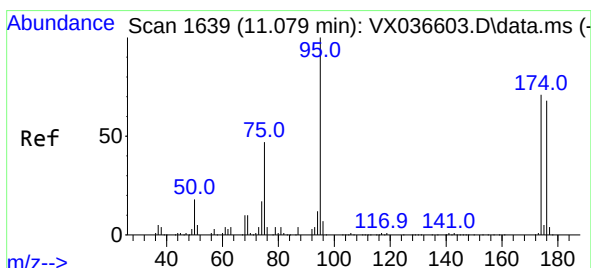
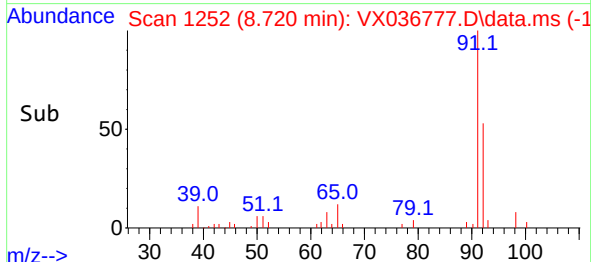
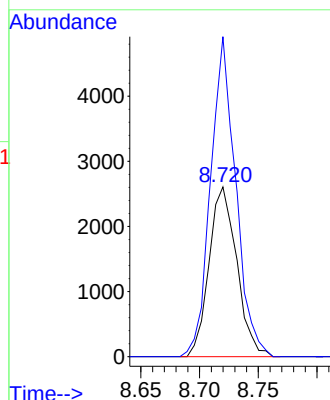
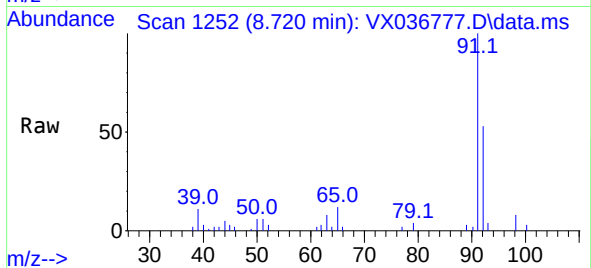
ClientSampleId :

Tgt Ion: 92 Resp: 4279

Ion Ratio Lower Upper

92 100

91 171.1 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 49.298 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036777.D

Acq: 02 Aug 2023 17:53

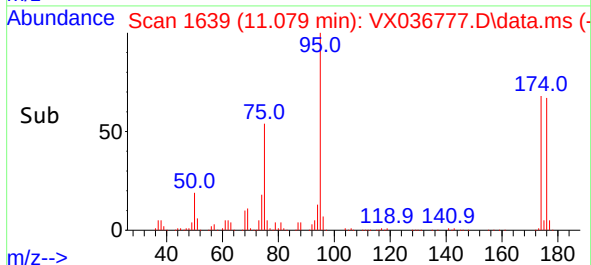
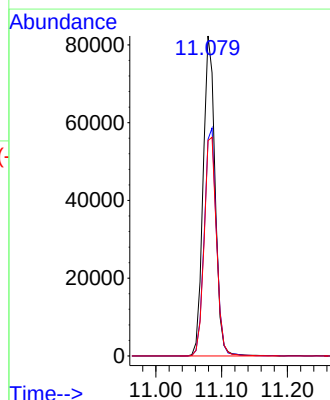
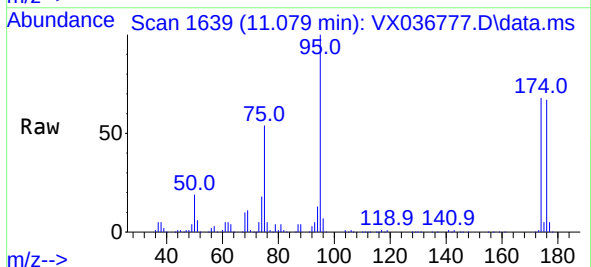
Tgt Ion: 95 Resp: 103898

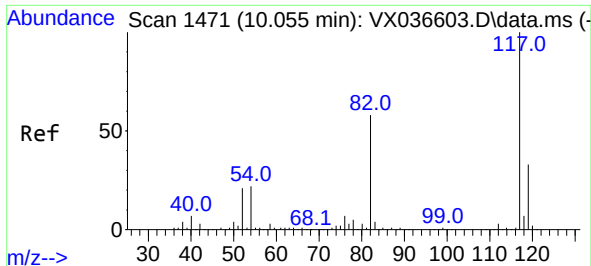
Ion Ratio Lower Upper

95 100

174 72.4 0.0 135.6

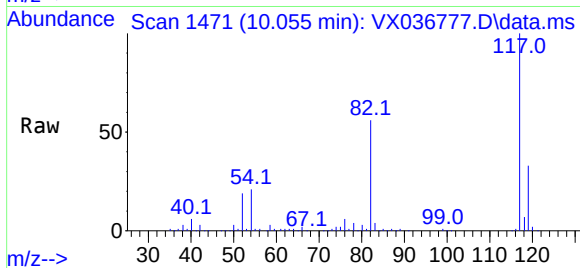
176 70.8 0.0 131.0



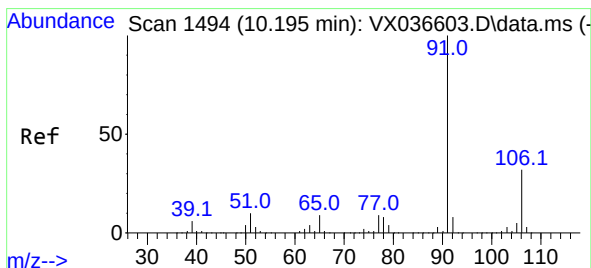
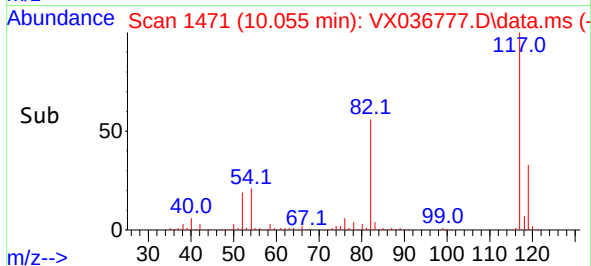
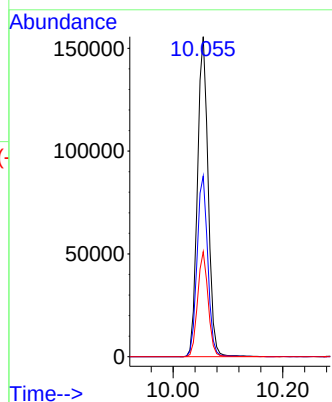


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :

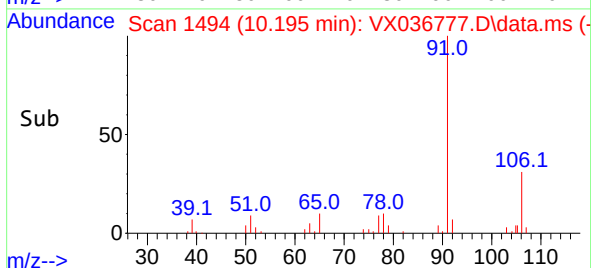
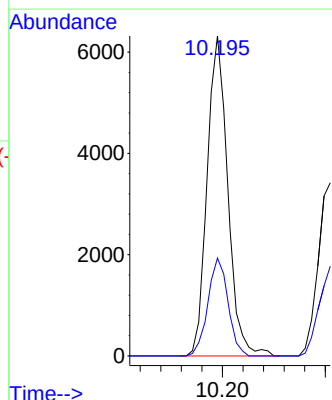
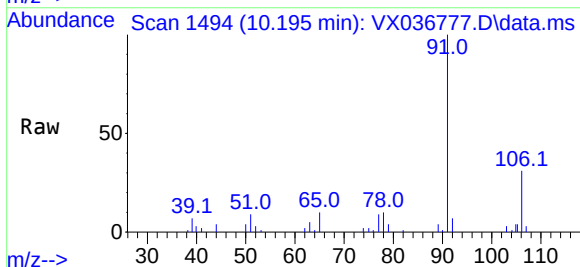


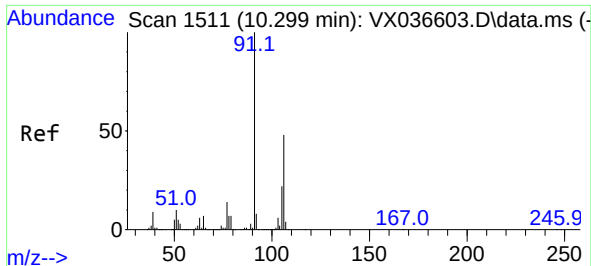
Tgt Ion:117 Resp: 212231
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 1.031 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion: 91 Resp: 8815
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

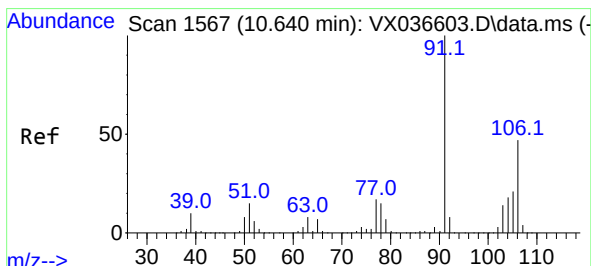
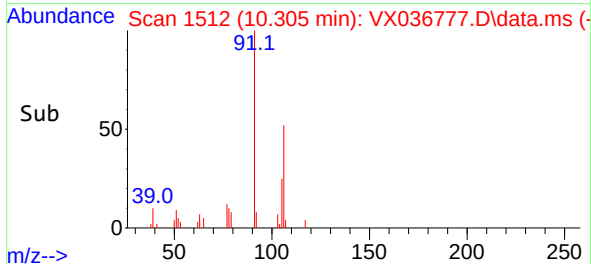
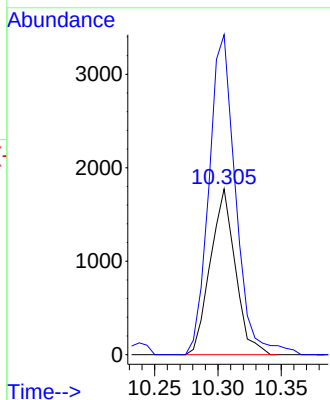
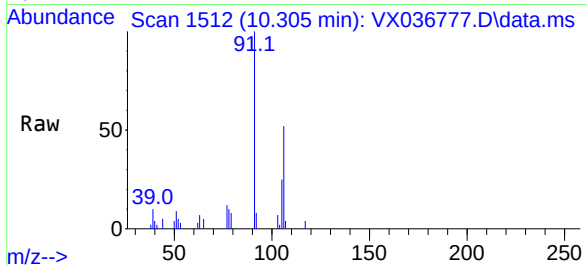




#68
m/p-Xylenes
Concen: 0.765 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

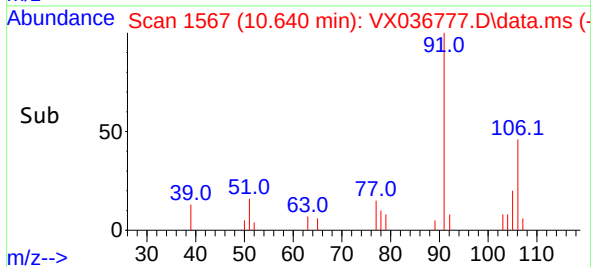
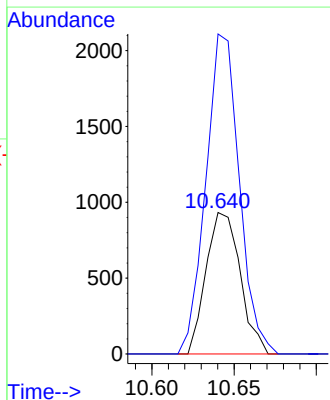
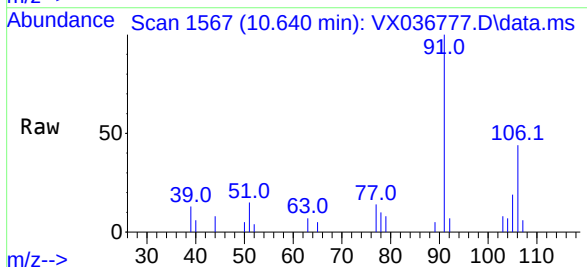
Instrument :
MSVOA_X
ClientSampleId :

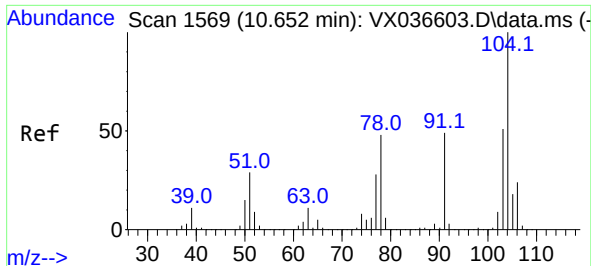
Tgt Ion:106 Resp: 2438
Ion Ratio Lower Upper
106 100
91 205.5 165.5 248.3



#69
o-Xylene
Concen: 0.424 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion:106 Resp: 1348
Ion Ratio Lower Upper
106 100
91 221.7 108.9 326.8

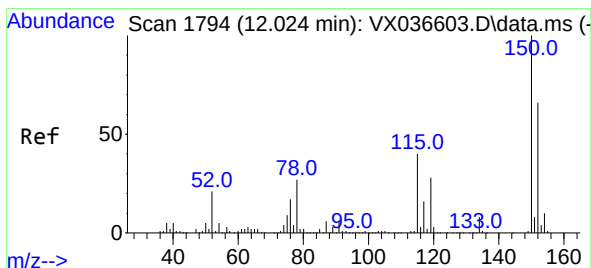
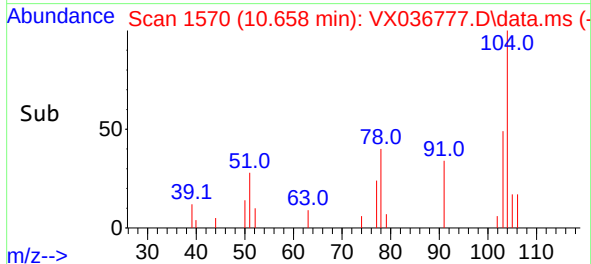
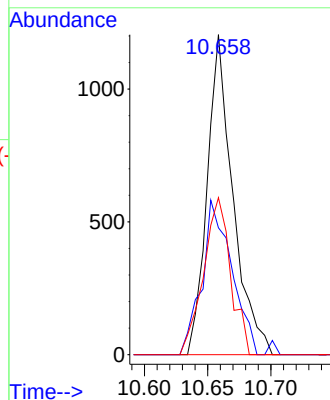
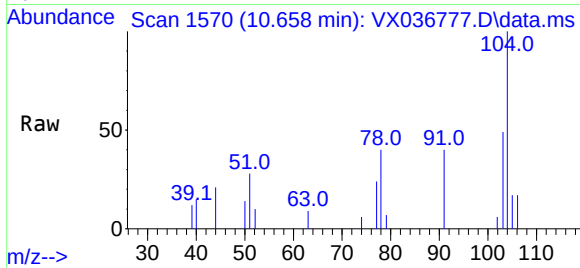




#70
Styrene
Concen: 0.326 ug/l
RT: 10.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

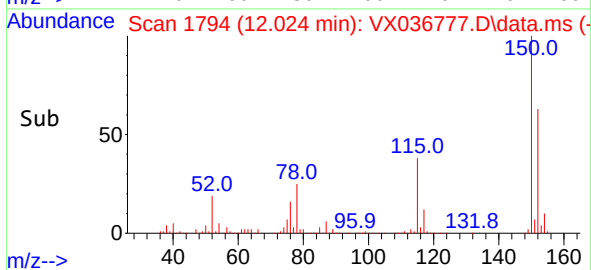
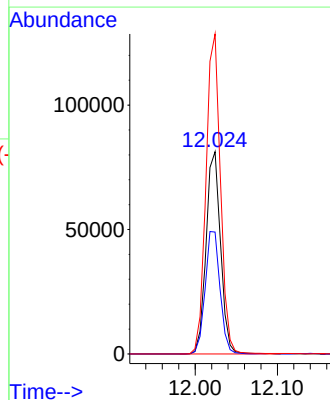
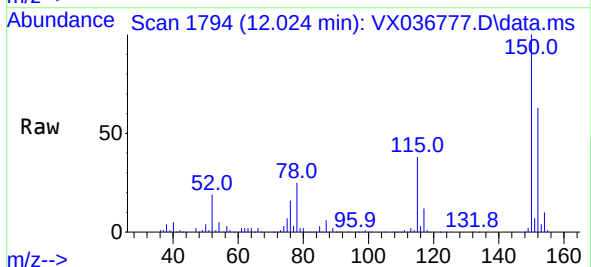
Instrument :
MSVOA_X
ClientSampleId :

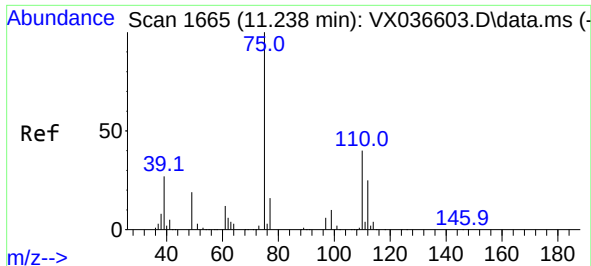
Tgt Ion:104 Resp: 1711
Ion Ratio Lower Upper
104 100
78 55.9 43.6 65.4
103 51.4 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion:152 Resp: 99576
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 158.1 0.0 345.0

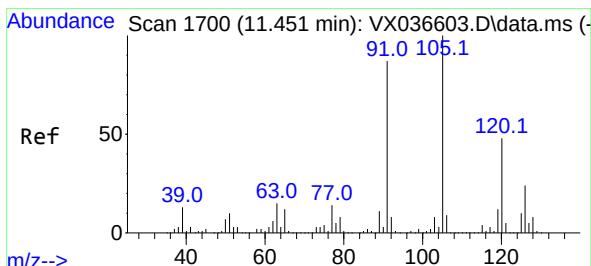
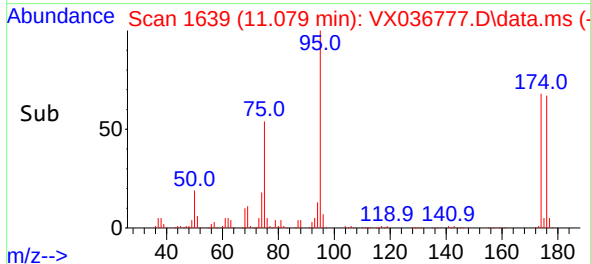
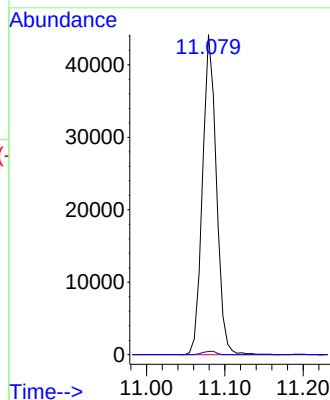
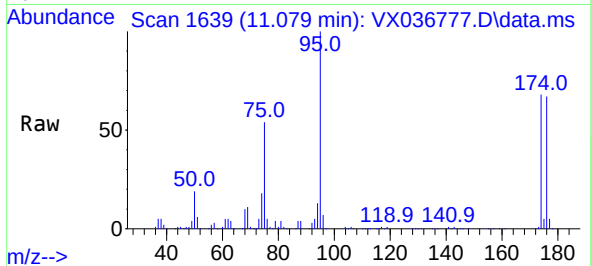




#76
1,2,3-Trichloropropane
Concen: 23.259 ug/l
RT: 11.079 min Scan# 1665
Delta R.T. -0.159 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

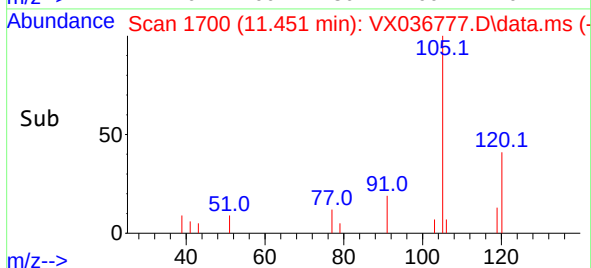
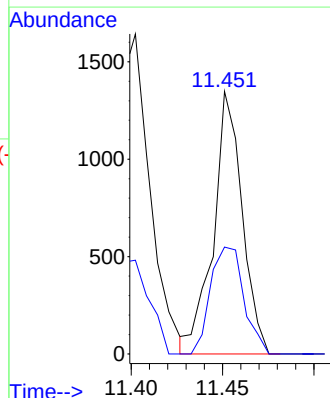
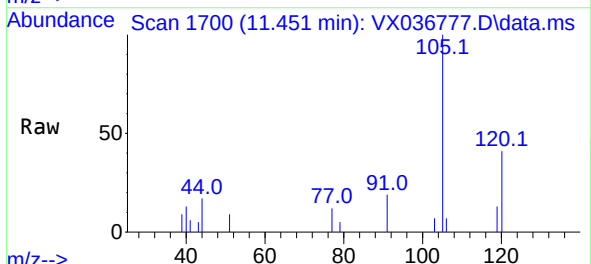
Instrument :
MSVOA_X
ClientSampleId :

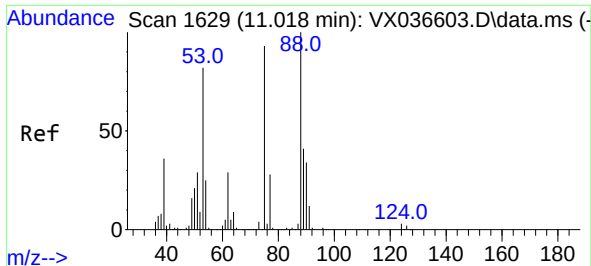
Tgt Ion: 75 Resp: 54475
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion:105 Resp: 1477
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

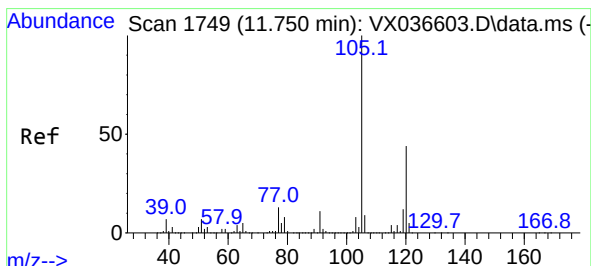
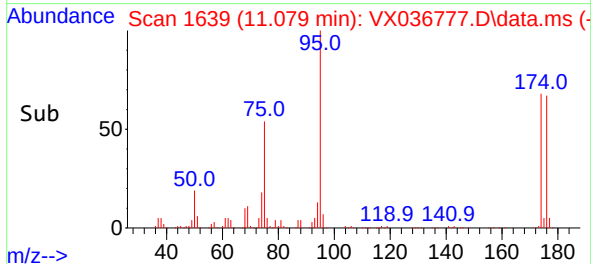
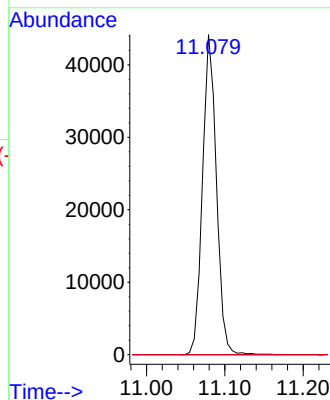
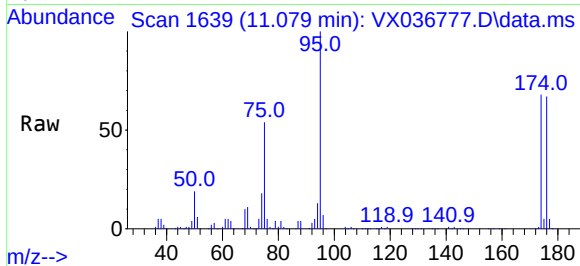




#81
trans-1,4-Dichloro-2-butene
Concen: 52.717 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

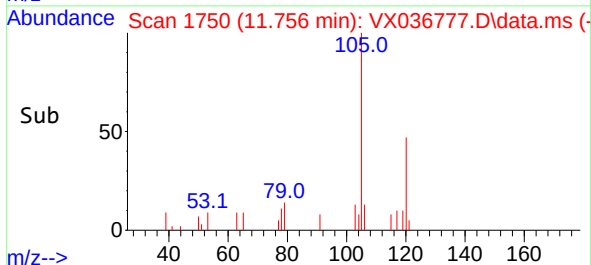
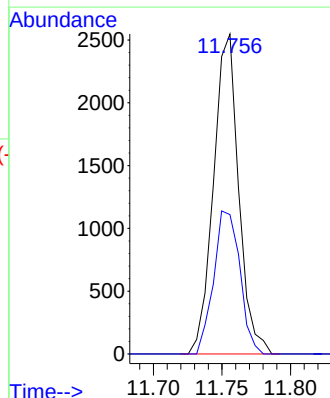
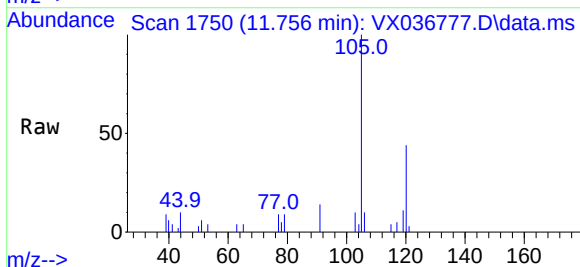
Instrument :
MSVOA_X
ClientSampleId :

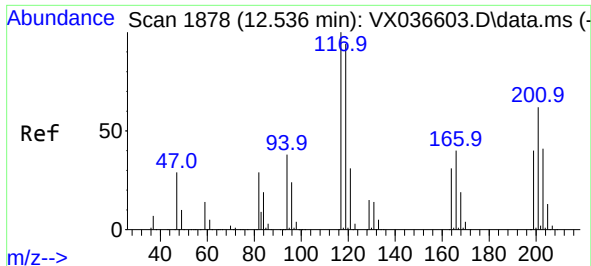
Tgt Ion: 75 Resp: 54475
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.472 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

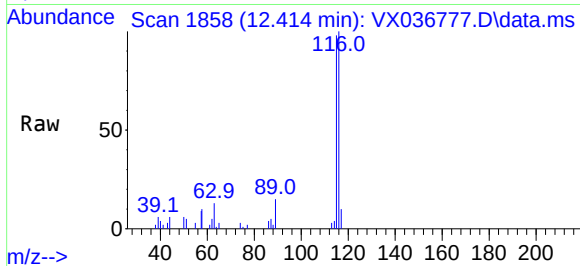
Tgt Ion: 105 Resp: 3255
Ion Ratio Lower Upper
105 100
120 46.5 21.2 63.6



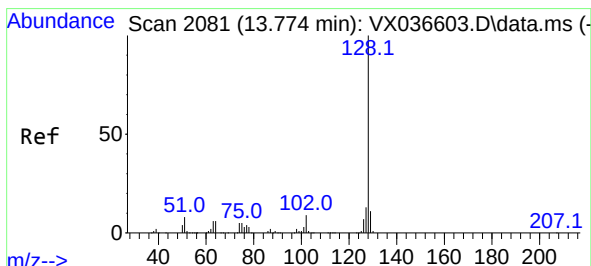
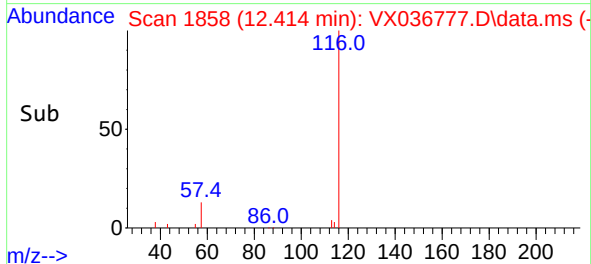
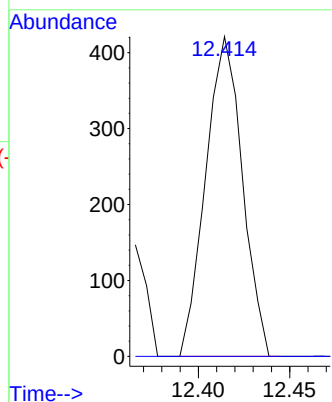


#90
Hexachloroethane
Concen: 0.418 ug/l
RT: 12.414 min Scan# 1858
Delta R.T. -0.122 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:117 Resp: 589
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 13.795 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036777.D
Acq: 02 Aug 2023 17:53

Tgt Ion:128 Resp: 99345
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

