

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040205.D
 Acq On : 12 Feb 2024 17:23
 Operator : JC/MD
 Sample : P1372-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-17-ch5DL

Quant Time: Feb 12 18:10:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

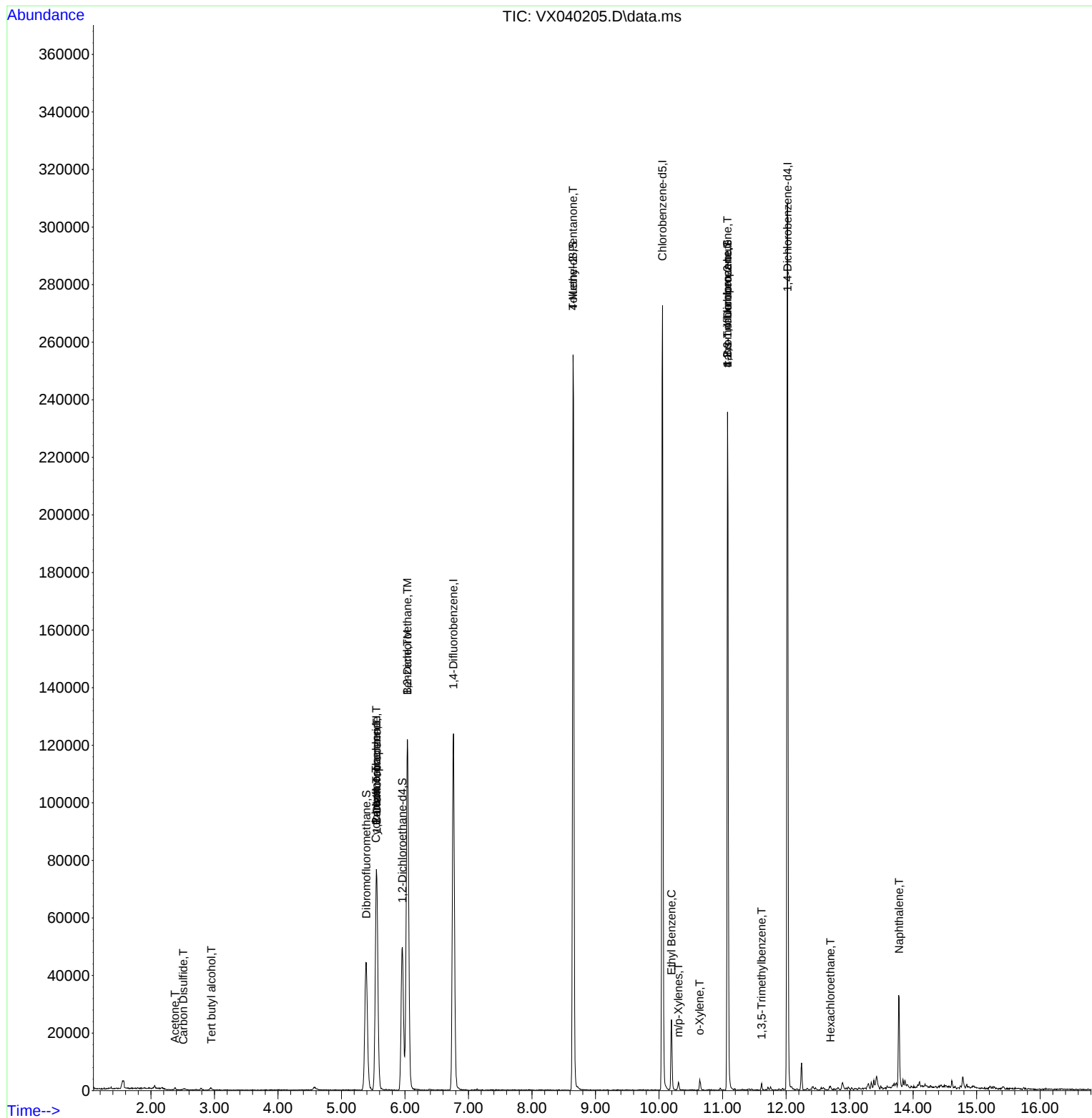
Internal Standards						
1) Pentafluorobenzene	5.550	168	73217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47734	43.823	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.640%
35) Dibromofluoromethane	5.391	113	39292	44.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.200%
50) Toluene-d8	8.647	98	151854	46.076	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.160%
62) 4-Bromofluorobenzene	11.079	95	62005	46.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	474	2.234	ug/l #	78
16) Acetone	2.380	43	861	1.925	ug/l #	88
17) Carbon Disulfide	2.508	76	443	0.224	ug/l #	76
20) Methylene Chloride	2.788	84	312	Below Cal	#	74
31) Cyclohexane	5.544	56	1697	1.306	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	5823	4.718	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7509	6.399	ug/l #	14
40) Benzene	6.038	78	149323	43.265	ug/l	97
42) 1,2-Dichloroethane	6.038	62	1328	0.984	ug/l #	77
51) 4-Methyl-2-Pentanone	8.647	43	696	0.476	ug/l #	1
67) Ethyl Benzene	10.195	91	14848	3.293	ug/l	97
68) m/p-Xylenes	10.305	106	735	0.432	ug/l	98
69) o-Xylene	10.640	106	876	0.529	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	31670	24.384	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.616	105	1209	0.318	ug/l	68
81) trans-1,4-Dichloro-2-b...	11.079	75	31670	67.161	ug/l #	5
90) Hexachloroethane	12.701	117	743	1.199	ug/l #	17
95) Naphthalene	13.780	128	21333	4.821	ug/l	98

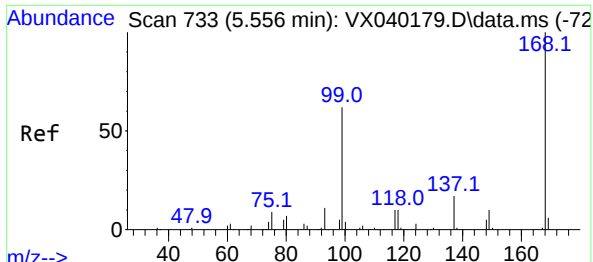
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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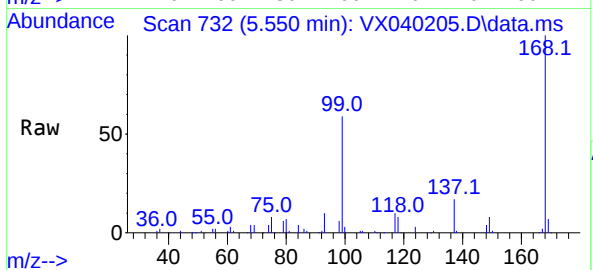
Quant Time: Feb 12 18:10:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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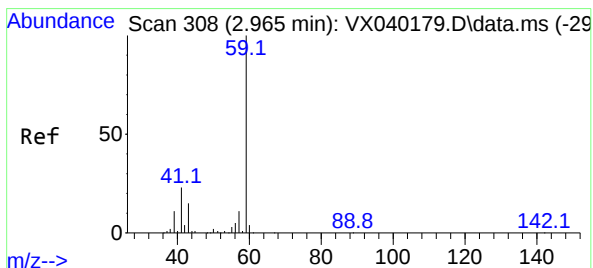
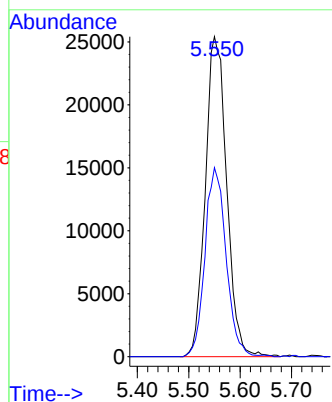


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

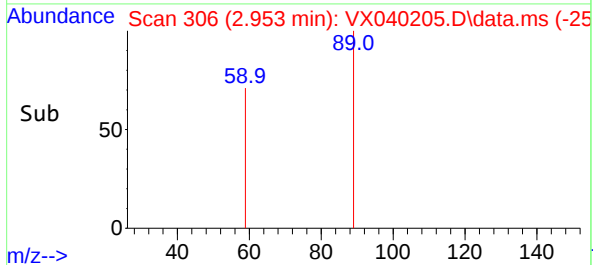
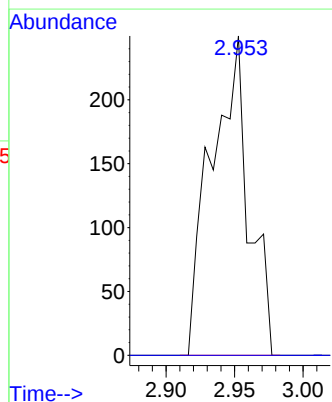
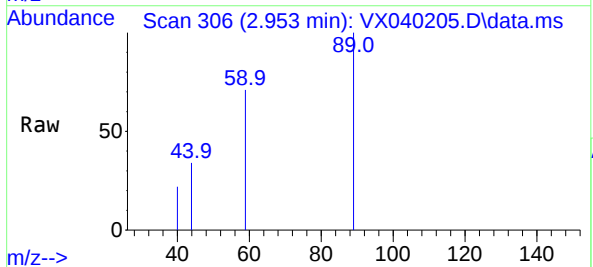


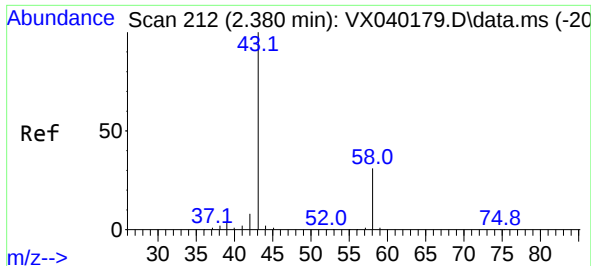
Tgt Ion:168 Resp: 73217
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.234 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion: 59 Resp: 474
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

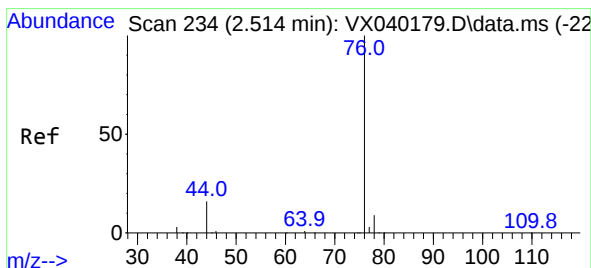
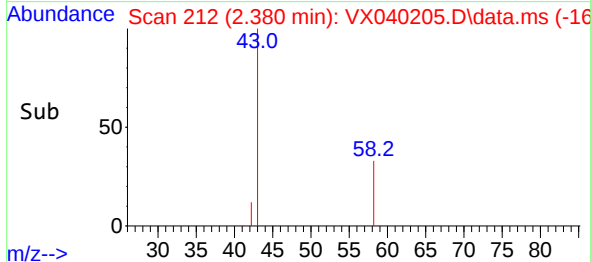
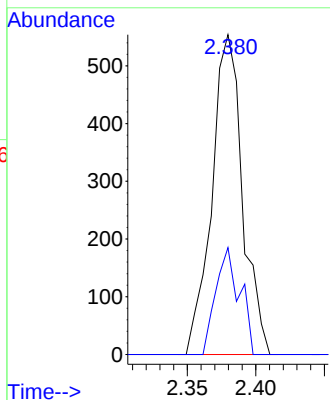
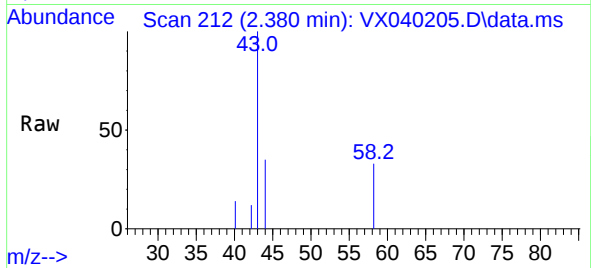




#16
Acetone
Concen: 1.925 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

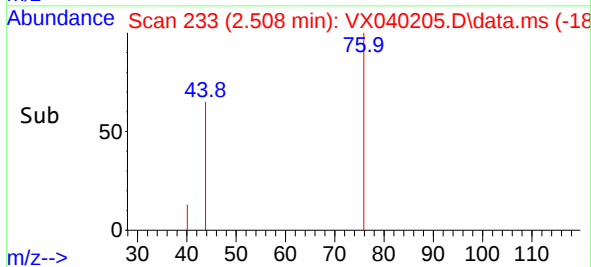
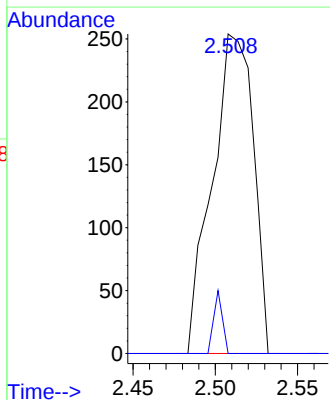
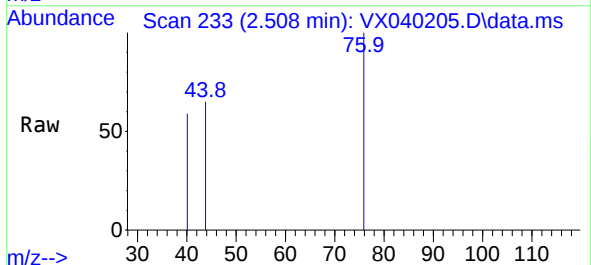
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

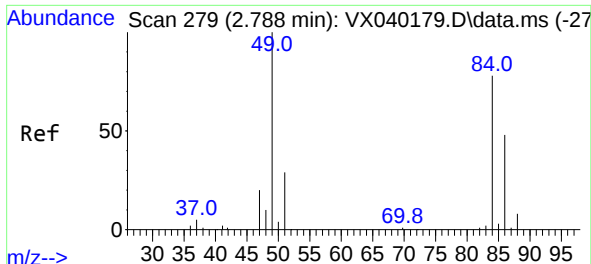
Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion: 76 Resp: 443
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040205.D

Acq: 12 Feb 2024 17:23

Instrument :

MSVOA_X

ClientSampleId :

CG-MW-17-ch5DL

Tgt Ion: 84 Resp: 312

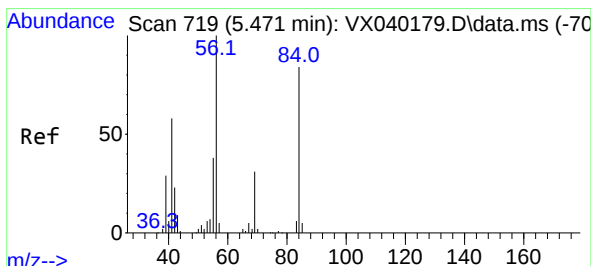
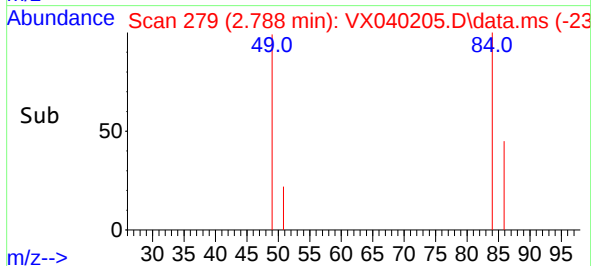
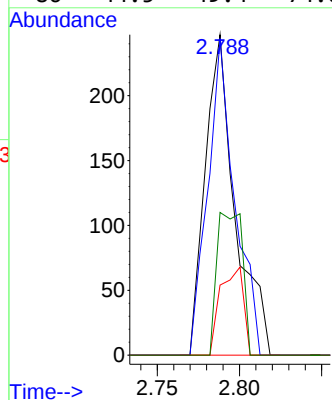
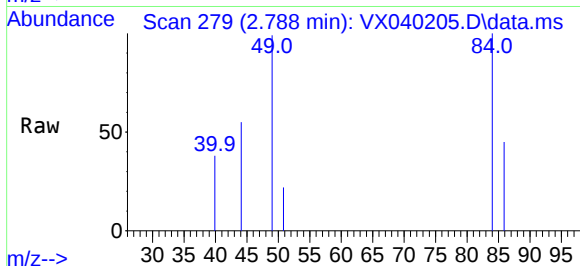
Ion Ratio Lower Upper

84 100

49 98.8 103.6 155.4#

51 21.9 33.8 50.6#

86 44.5 49.4 74.0#



#31

Cyclohexane

Concen: 1.306 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040205.D

Acq: 12 Feb 2024 17:23

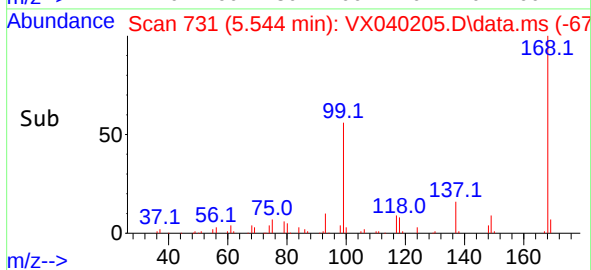
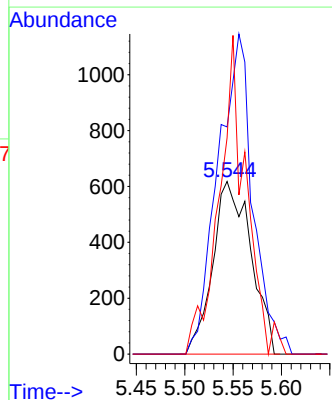
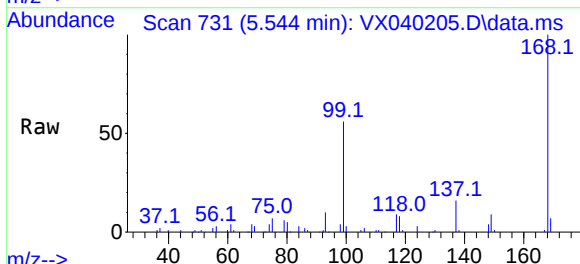
Tgt Ion: 56 Resp: 1697

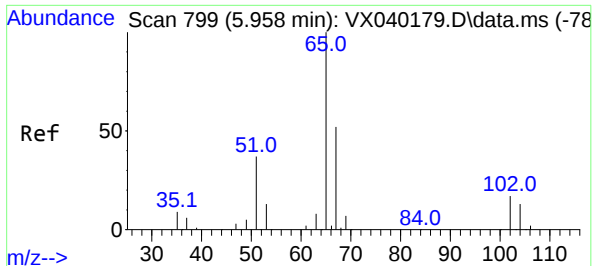
Ion Ratio Lower Upper

56 100

69 131.6 23.4 35.2#

84 125.2 65.9 98.9#

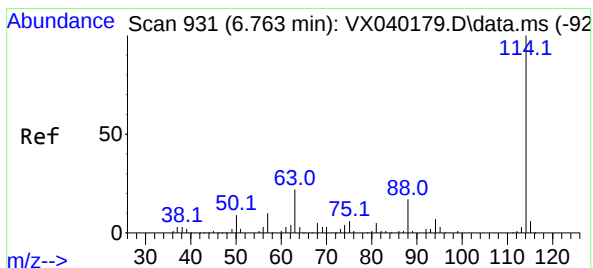
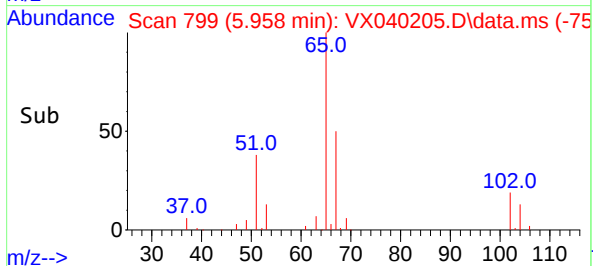
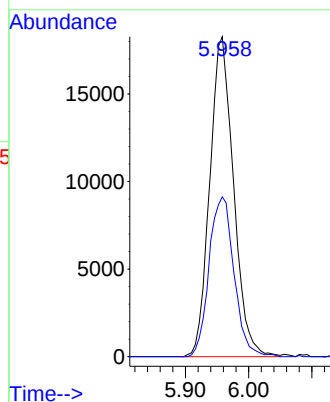
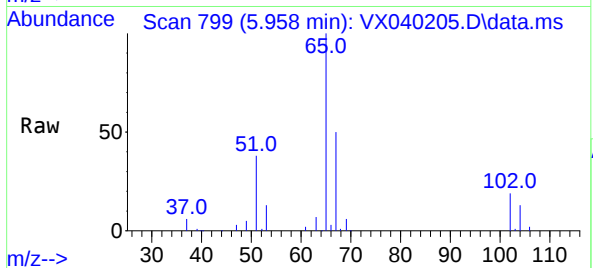




#33
1,2-Dichloroethane-d4
Concen: 43.823 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

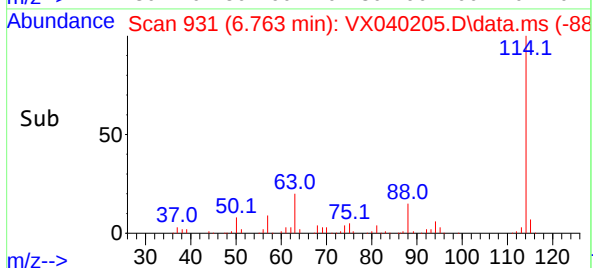
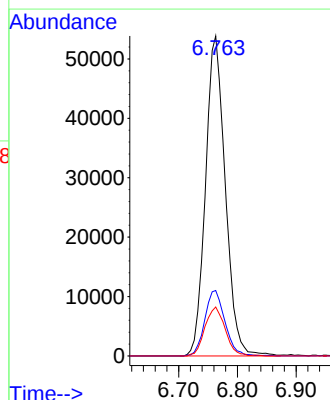
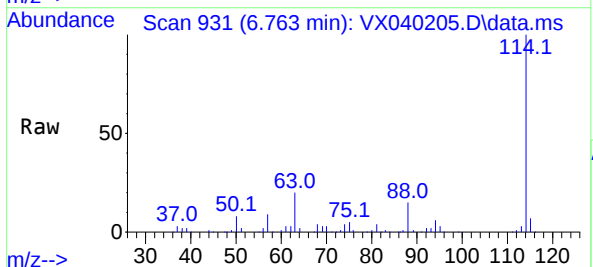
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

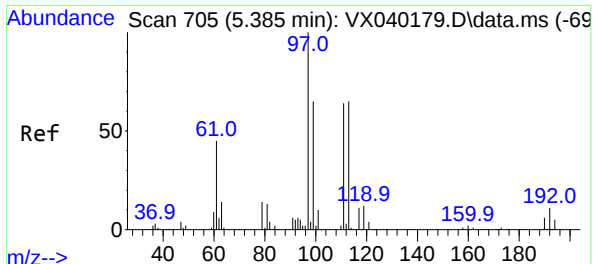
Tgt Ion: 65 Resp: 47734
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion:114 Resp: 126161
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.3 0.0 36.6



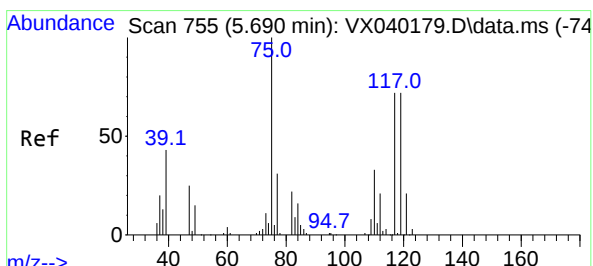
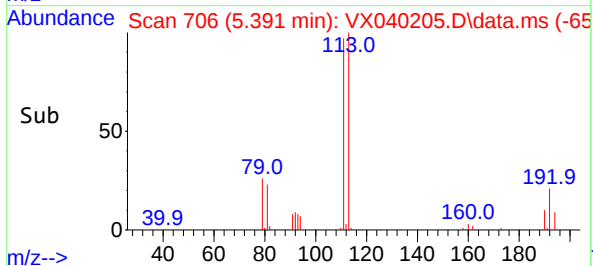
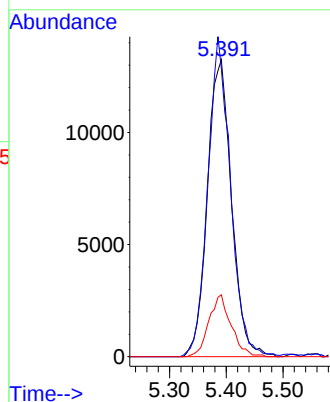
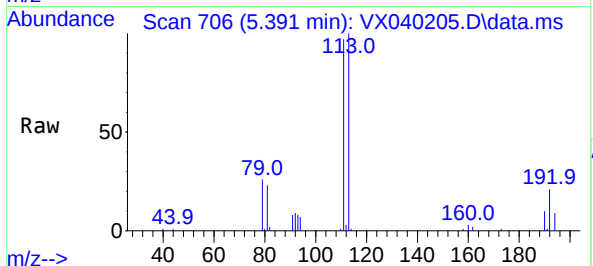


#35
 Dibromofluoromethane
 Concen: 44.597 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX040205.D
 Acq: 12 Feb 2024 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-17-ch5DL

Tgt Ion:113 Resp: 39292

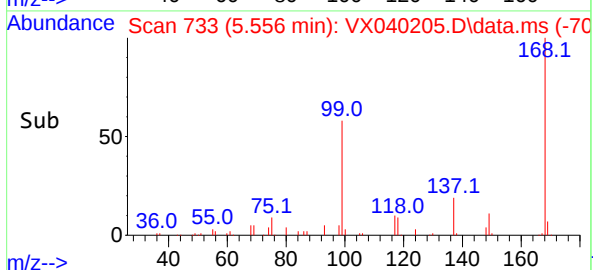
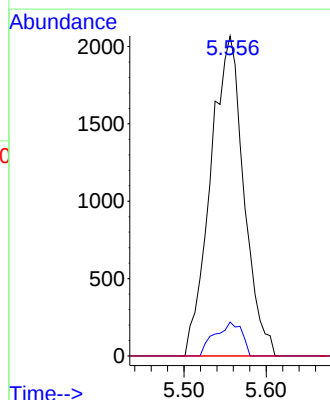
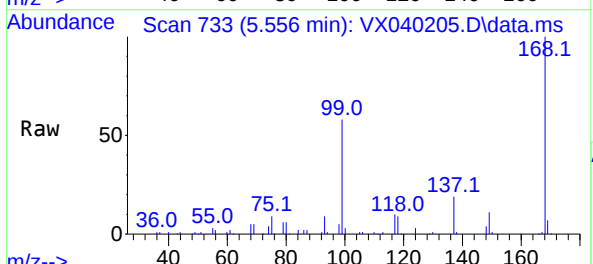
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.9	124.3
192	19.2	13.3	19.9

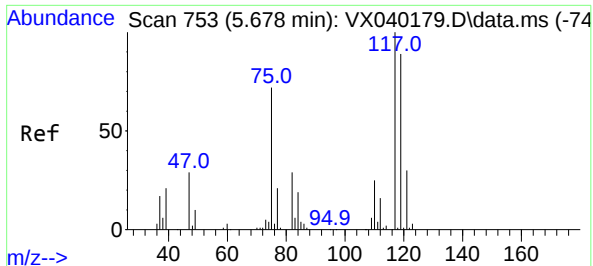


#36
 1,1-Dichloropropene
 Concen: 4.718 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX040205.D
 Acq: 12 Feb 2024 17:23

Tgt Ion: 75 Resp: 5823

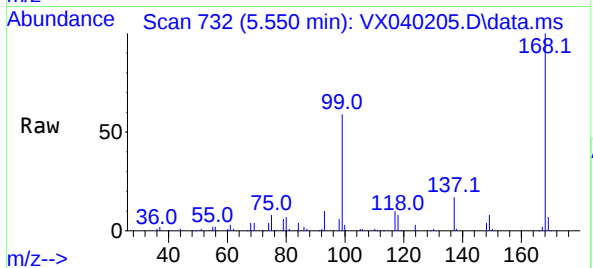
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.7	37.1#



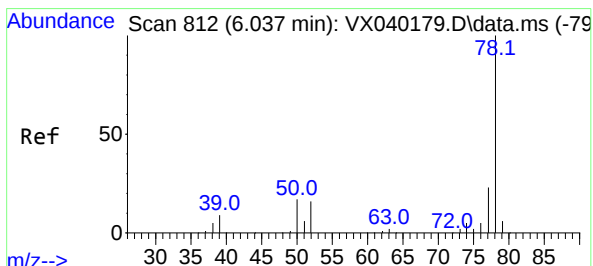
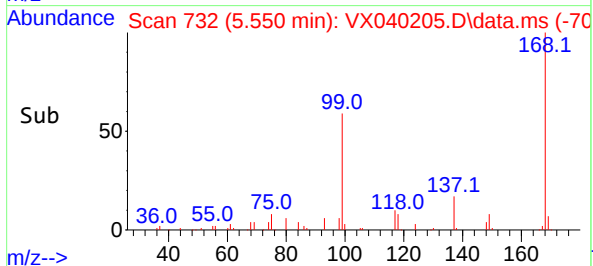
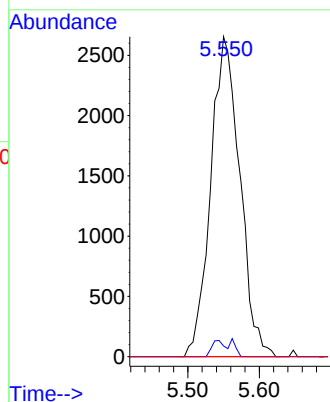


#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

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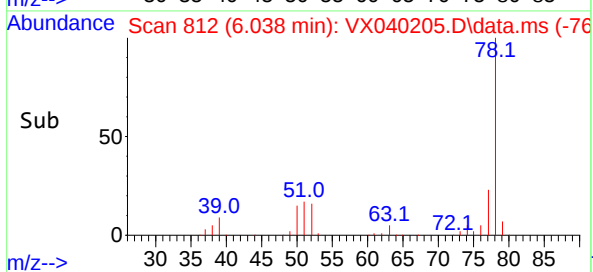
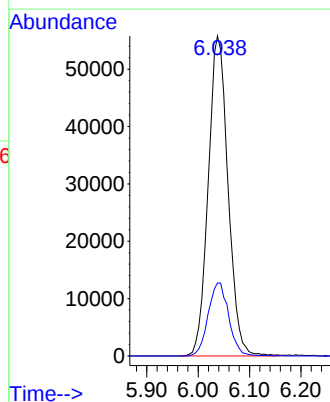
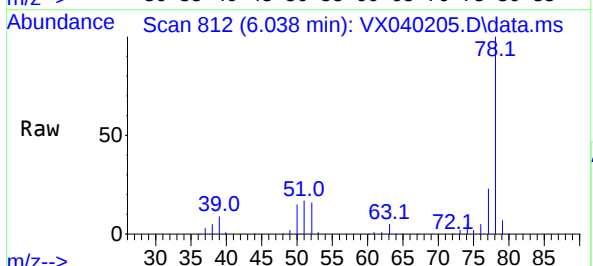


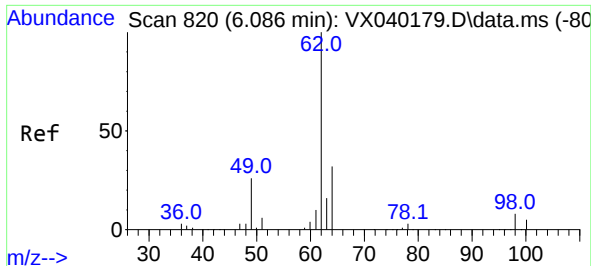
Tgt Ion:117 Resp: 7509
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 43.265 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion: 78 Resp: 149323
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.984 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.049 min

Lab File: VX040205.D

Acq: 12 Feb 2024 17:23

Instrument :

MSVOA_X

ClientSampleId :

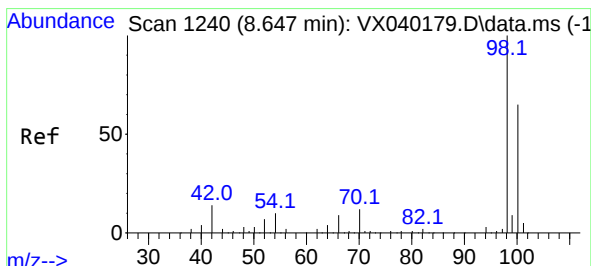
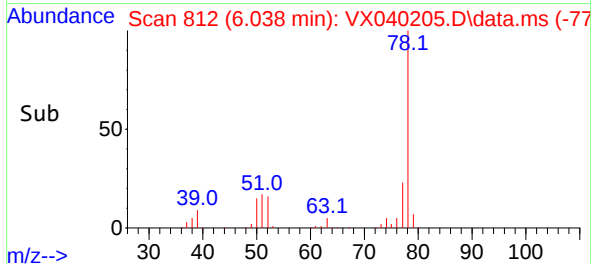
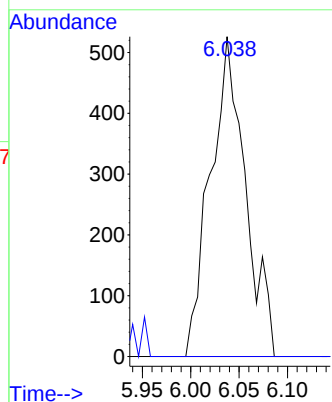
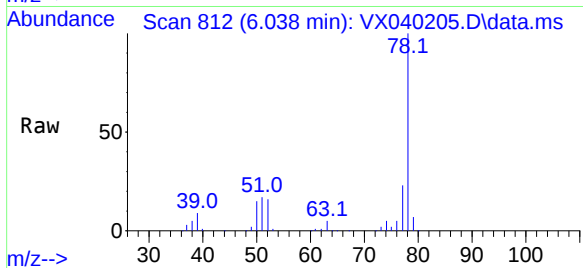
CG-MW-17-ch5DL

Tgt Ion: 62 Resp: 1328

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#50

Toluene-d8

Concen: 46.076 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040205.D

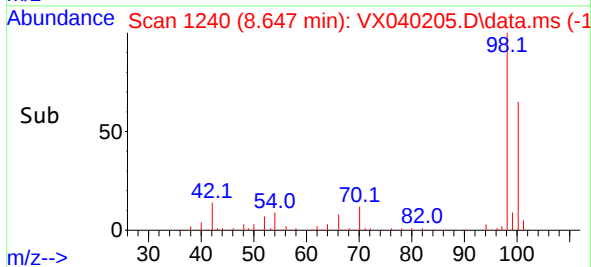
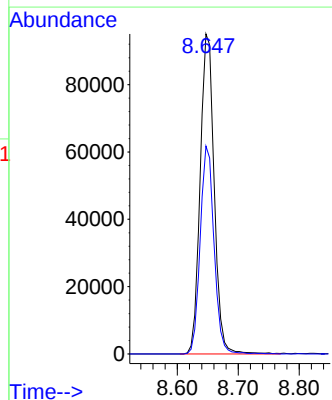
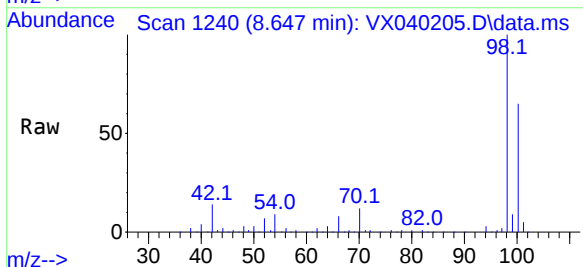
Acq: 12 Feb 2024 17:23

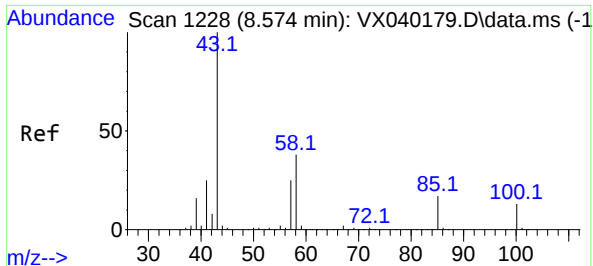
Tgt Ion: 98 Resp: 151854

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.476 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX040205.D

Acq: 12 Feb 2024 17:23

Instrument :

MSVOA_X

ClientSampleId :

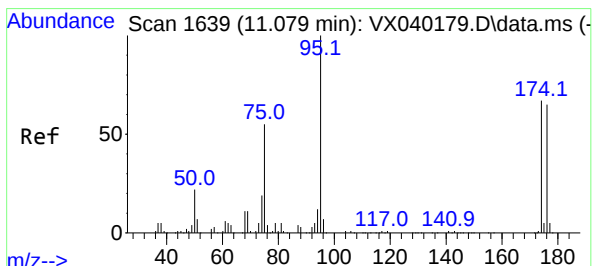
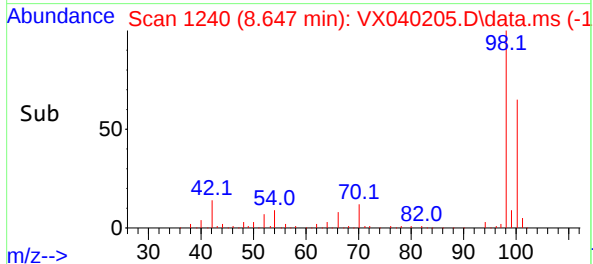
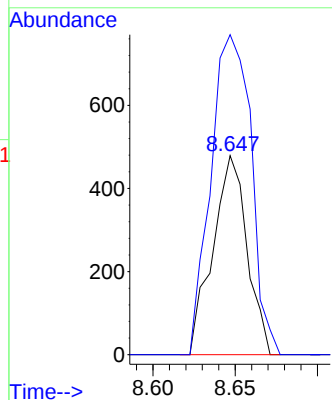
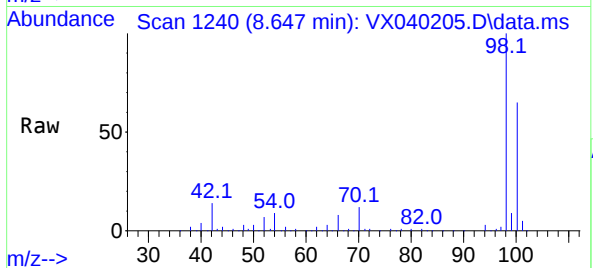
CG-MW-17-ch5DL

Tgt Ion: 43 Resp: 696

Ion Ratio Lower Upper

43 100

58 188.5 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040205.D

Acq: 12 Feb 2024 17:23

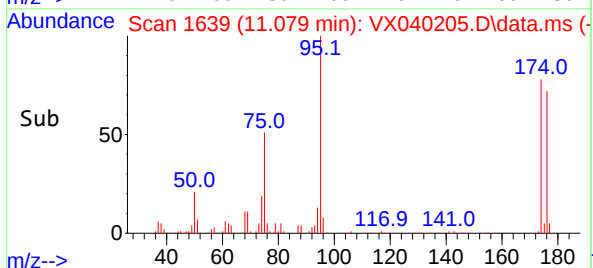
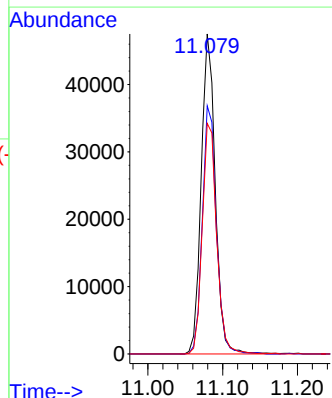
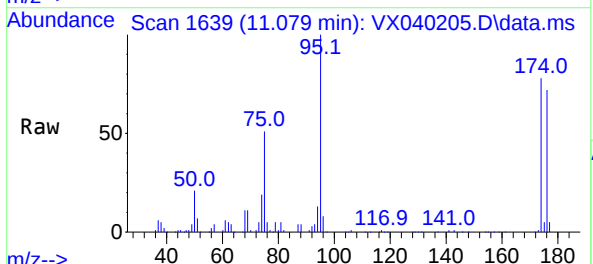
Tgt Ion: 95 Resp: 62005

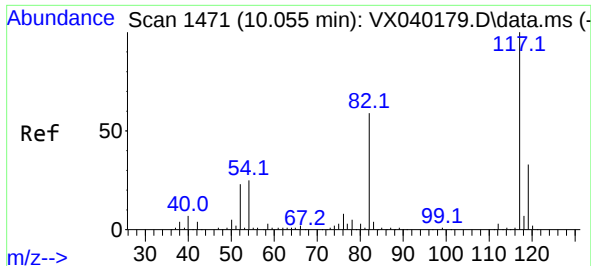
Ion Ratio Lower Upper

95 100

174 77.2 0.0 135.6

176 73.8 0.0 131.0

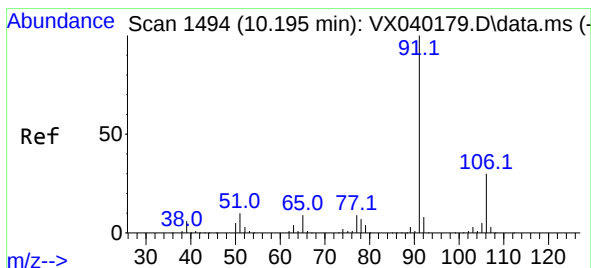
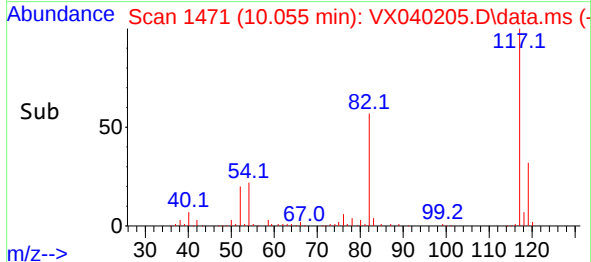
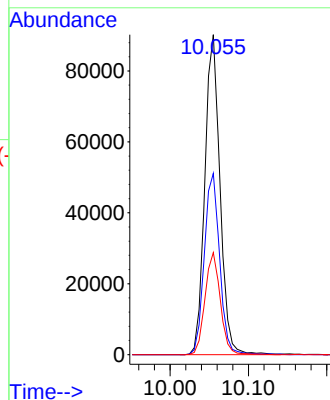
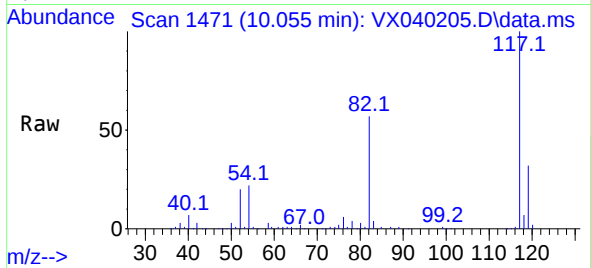




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

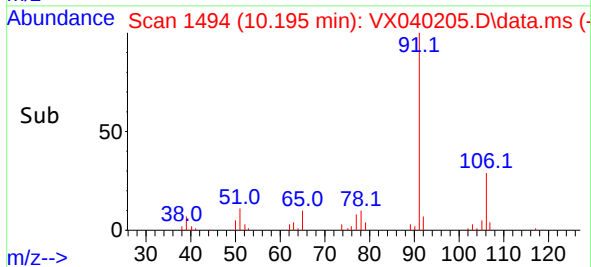
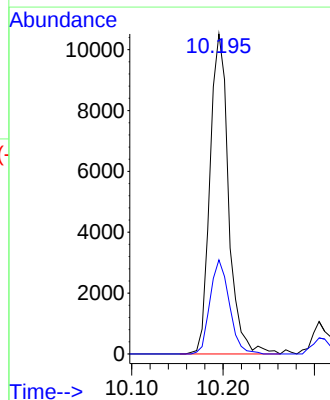
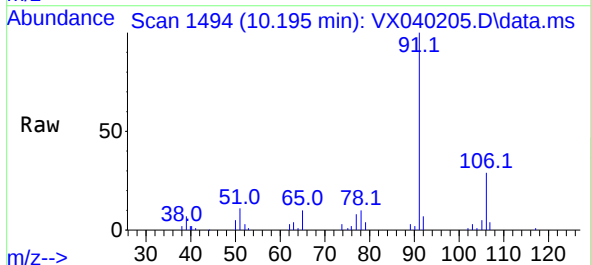
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

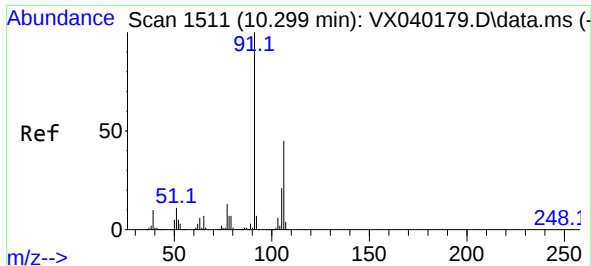
Tgt Ion:117 Resp: 121311
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 3.293 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion: 91 Resp: 14848
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

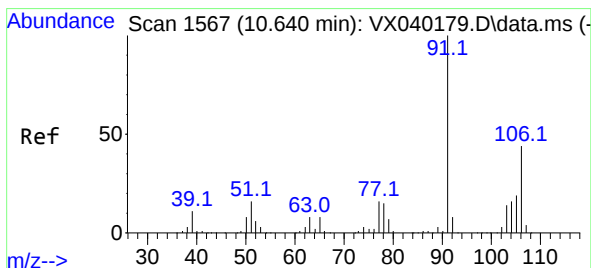
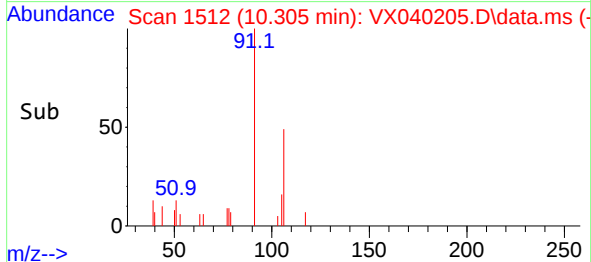
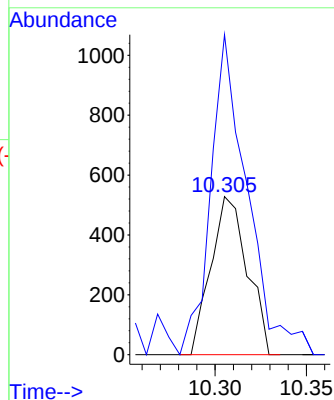
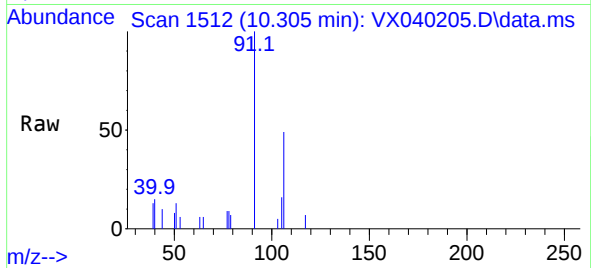




#68
m/p-Xylenes
Concen: 0.432 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

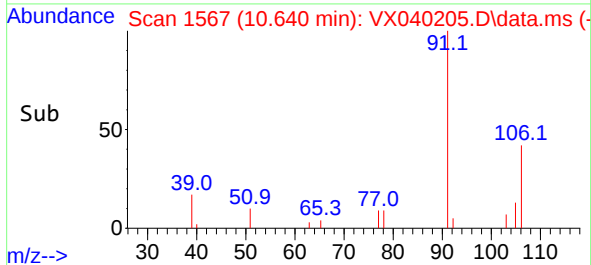
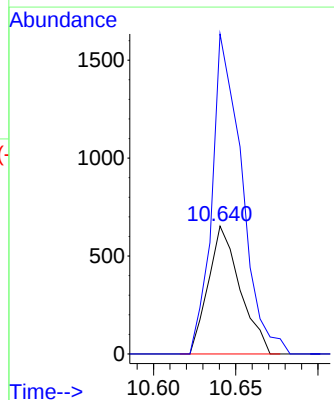
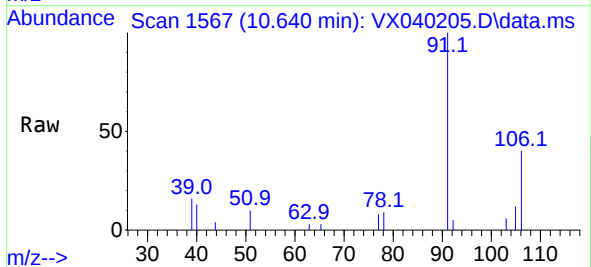
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

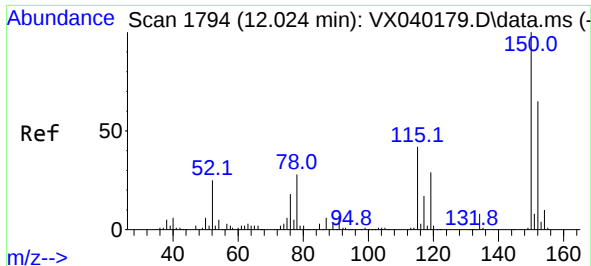
Tgt Ion:106 Resp: 735
Ion Ratio Lower Upper
106 100
91 203.4 165.5 248.3



#69
o-Xylene
Concen: 0.529 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion:106 Resp: 876
Ion Ratio Lower Upper
106 100
91 235.0 108.9 326.8

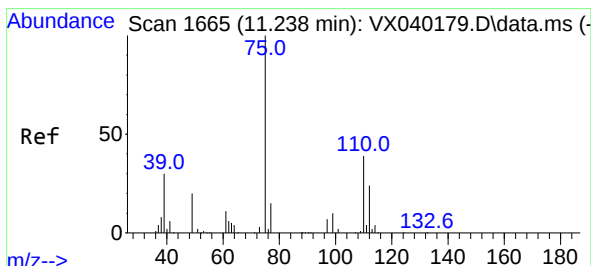
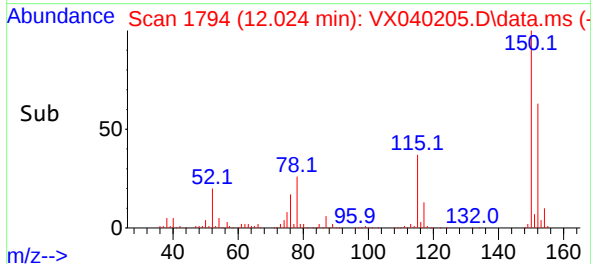
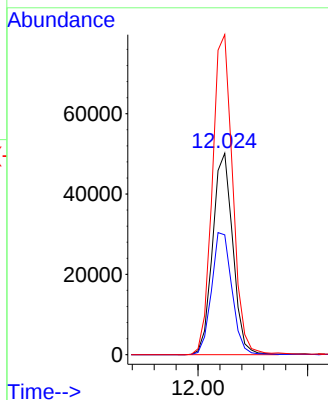
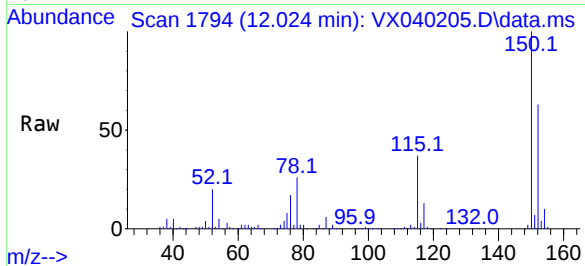




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

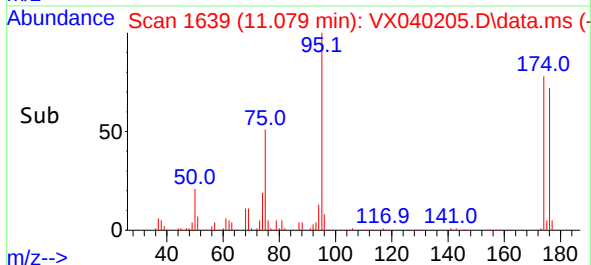
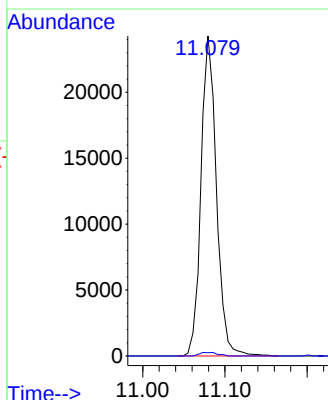
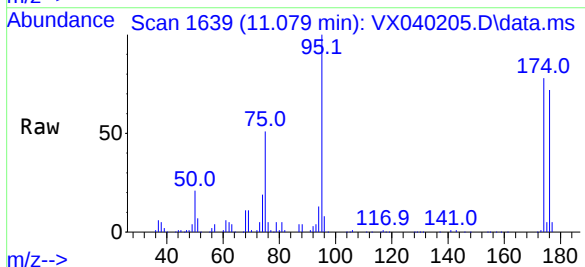
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

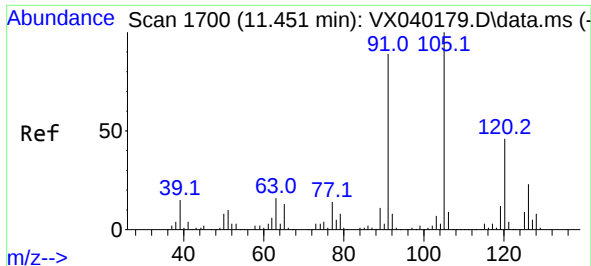
Tgt Ion:152 Resp: 64138
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 160.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion: 75 Resp: 31670
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

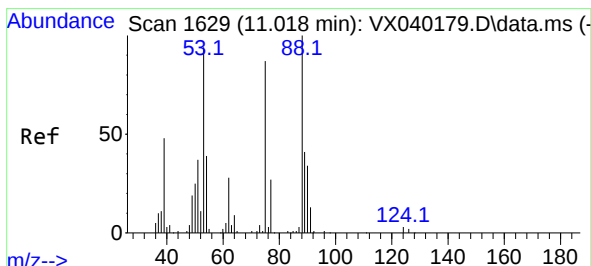
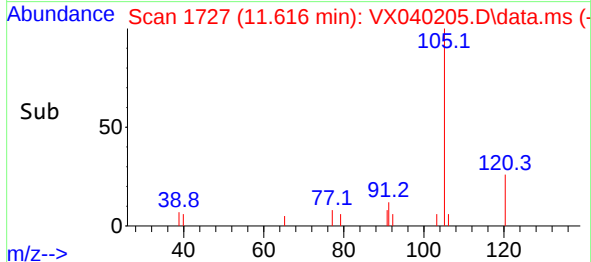
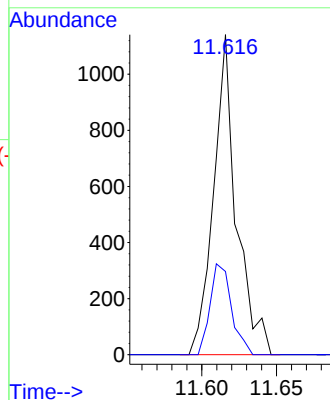
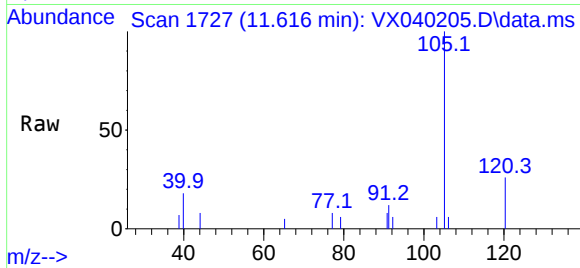




#80
1,3,5-Trimethylbenzene
Concen: 0.318 ug/l
RT: 11.616 min Scan# 11
Delta R.T. 0.165 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

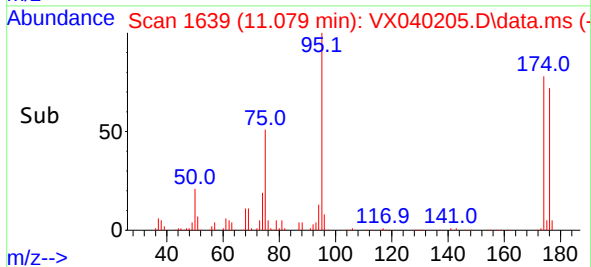
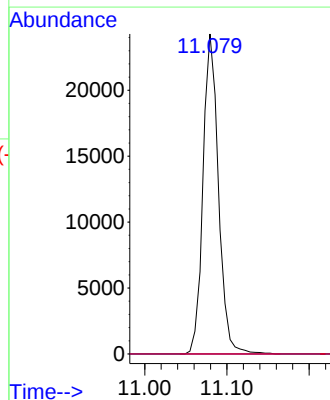
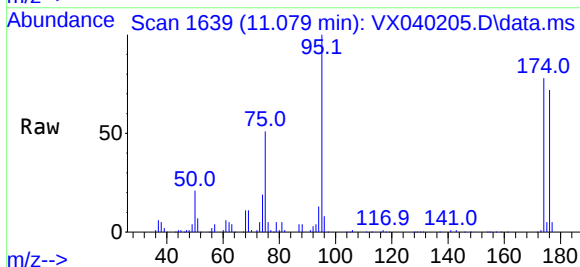
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

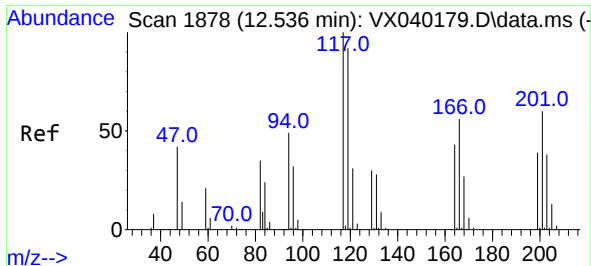
Tgt Ion:105 Resp: 1209
Ion Ratio Lower Upper
105 100
120 26.7 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 67.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion: 75 Resp: 31670
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

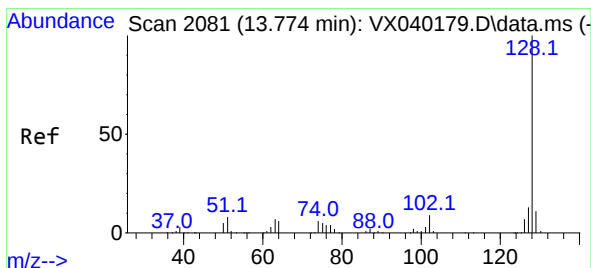
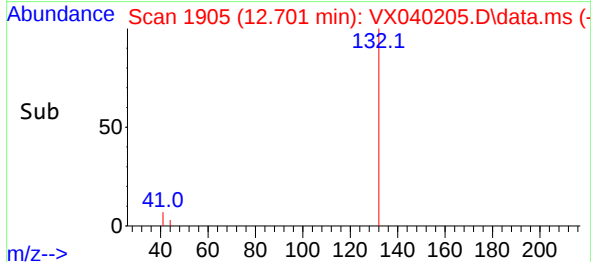
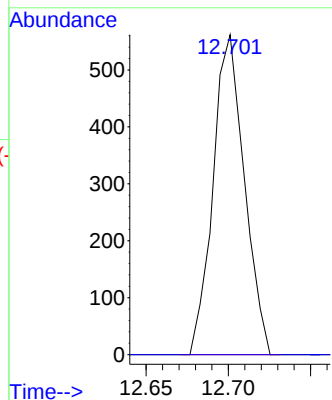
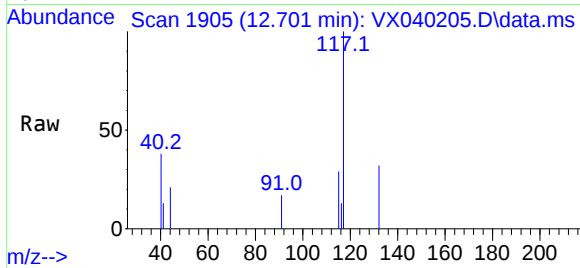




#90
Hexachloroethane
Concen: 1.199 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:117 Resp: 743
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 4.821 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040205.D
Acq: 12 Feb 2024 17:23

Tgt Ion:128 Resp: 21333
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 10.9 8.8 13.2

