

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035481.D
 Acq On : 02 May 2023 15:58
 Operator : JC/MD
 Sample : 02521-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-10

Quant Time: May 03 03:16:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

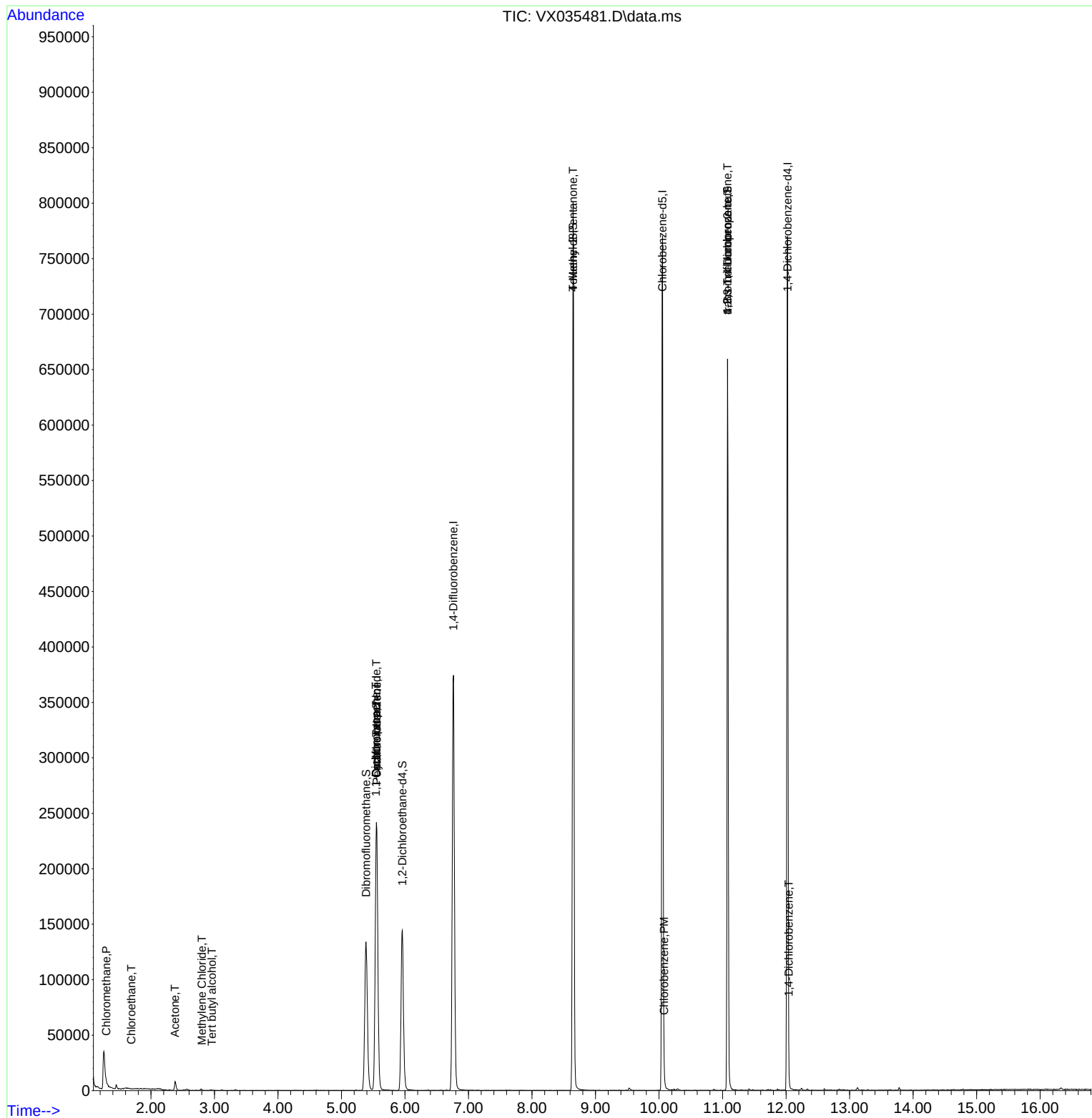
Internal Standards						
1) Pentafluorobenzene	5.556	168	239956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	398040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141956	49.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.080%		
35) Dibromofluoromethane	5.385	113	119065	48.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	8.647	98	474419	51.478	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.960%		
62) 4-Bromofluorobenzene	11.079	95	179387	51.743	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	464	0.201	ug/l #	82
6) Chloroethane	1.691	64	271	0.200	ug/l #	42
11) Tert butyl alcohol	2.959	59	426	0.808	ug/l #	73
16) Acetone	2.380	43	8025	6.383	ug/l	100
20) Methylene Chloride	2.800	84	666	0.231	ug/l #	58
31) Cyclohexane	5.550	56	4311	1.050	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	16749	4.391	ug/l #	52
38) Carbon Tetrachloride	5.550	117	23695	6.543	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2014	0.560	ug/l #	1
65) Chlorobenzene	10.080	112	2937	0.371	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	86792	25.240	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	86792	81.749	ug/l #	8
88) 1,4-Dichlorobenzene	12.043	146	1397	0.224	ug/l #	1

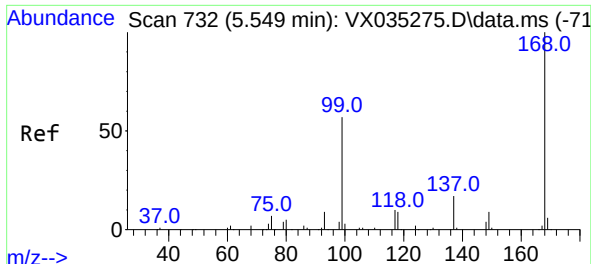
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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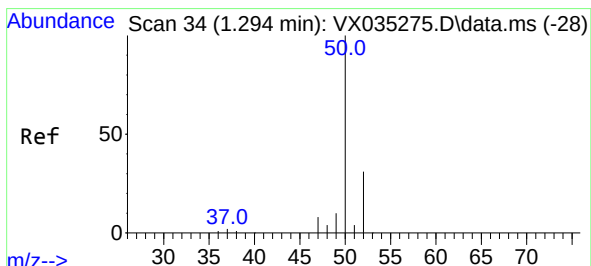
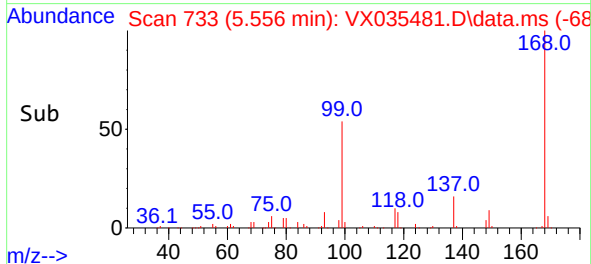
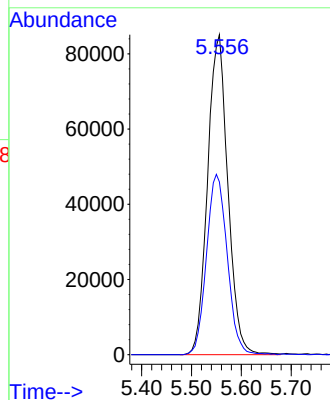
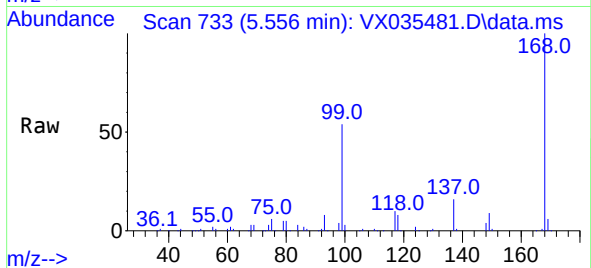




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

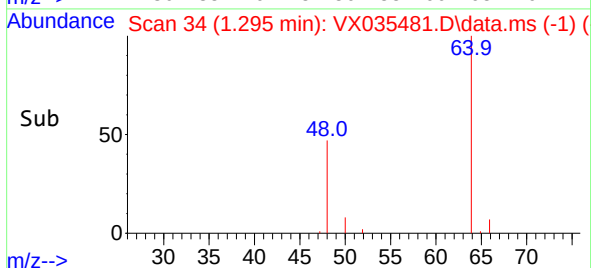
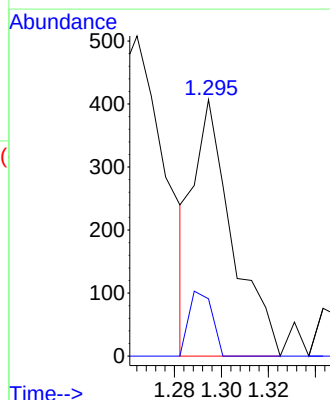
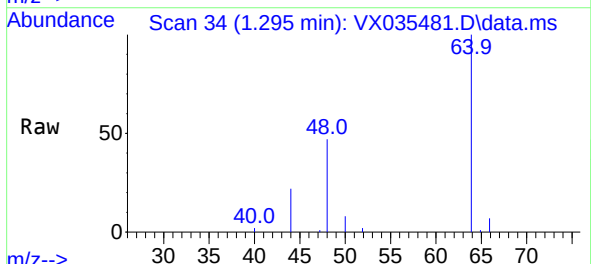
Instrument :
MSVOA_X
ClientSampleId :
GMW-10

Tgt Ion:168 Resp: 239956
Ion Ratio Lower Upper
168 100
99 54.0 45.7 68.5

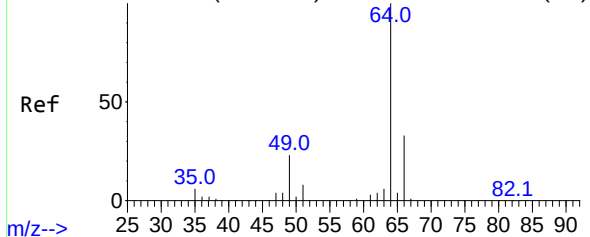


#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 22.4 25.9 38.9



Abundance Scan 99 (1.690 min): VX035275.D\data.ms (-93)



#6

Chloroethane

Concen: 0.200 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035481.D

Acq: 02 May 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

GMW-10

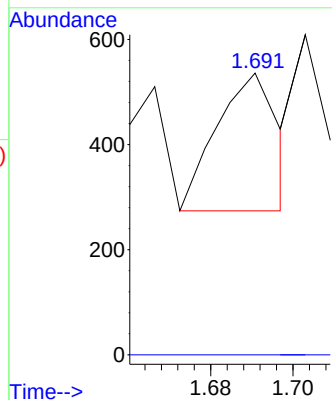
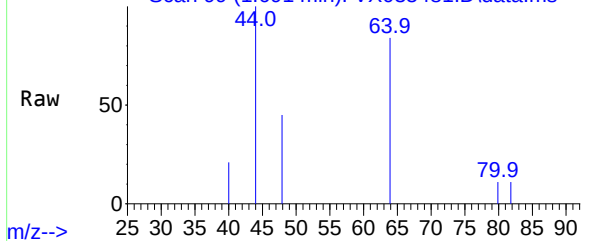
Tgt Ion: 64 Resp: 271

Ion Ratio Lower Upper

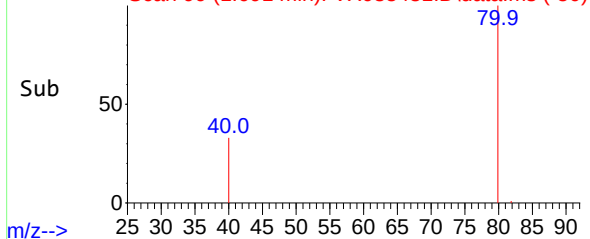
64 100

66 0.0 26.2 39.4#

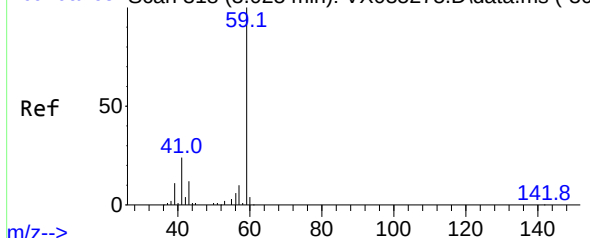
Abundance Scan 99 (1.691 min): VX035481.D\data.ms



Abundance Scan 99 (1.691 min): VX035481.D\data.ms (-50)



Abundance Scan 318 (3.025 min): VX035275.D\data.ms (-30)



#11

Tert butyl alcohol

Concen: 0.808 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.066 min

Lab File: VX035481.D

Acq: 02 May 2023 15:58

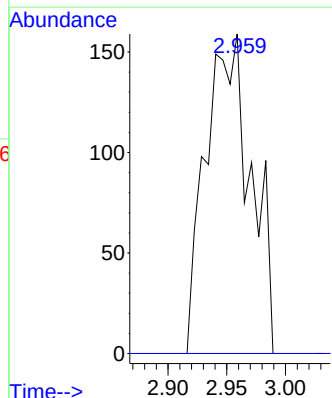
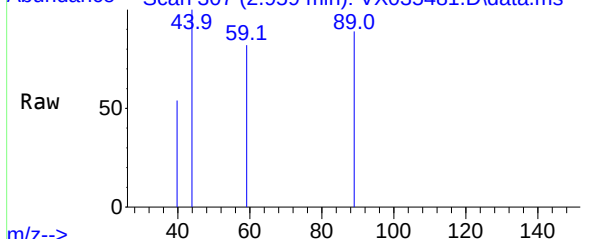
Tgt Ion: 59 Resp: 426

Ion Ratio Lower Upper

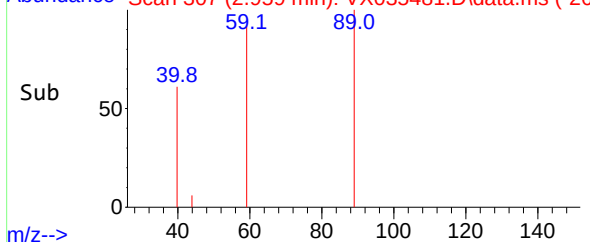
59 100

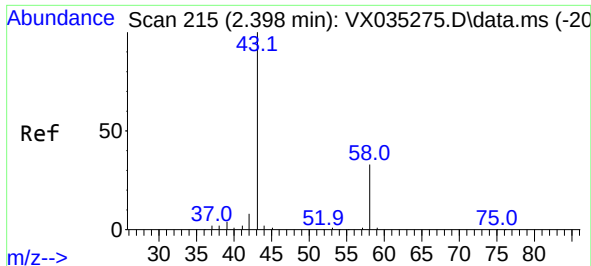
57 0.0 8.1 12.1#

Abundance Scan 307 (2.959 min): VX035481.D\data.ms



Abundance Scan 307 (2.959 min): VX035481.D\data.ms (-26)

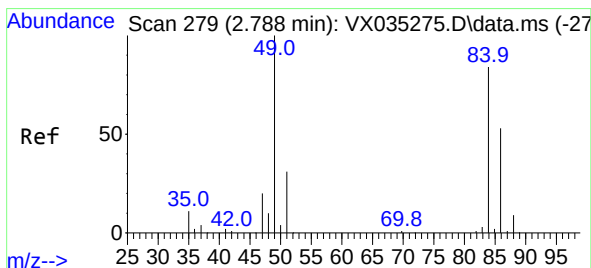
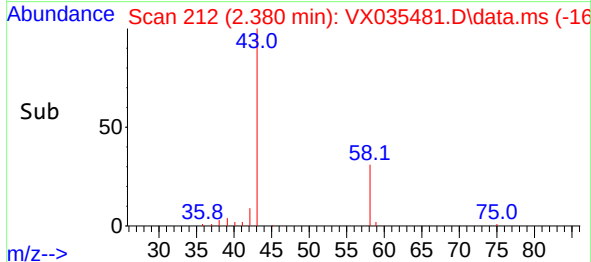
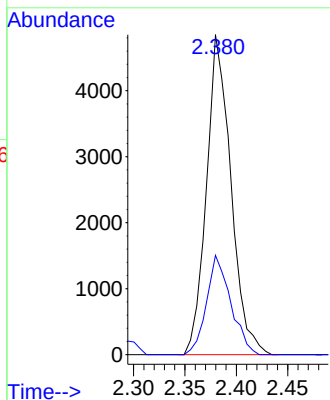
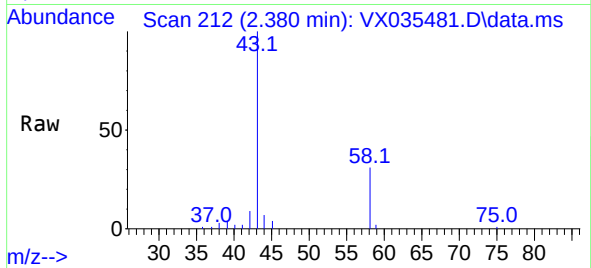




#16
Acetone
Concen: 6.383 ug/l
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

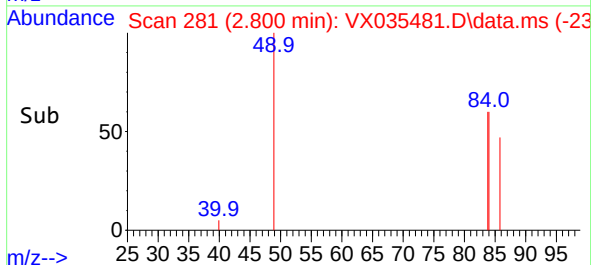
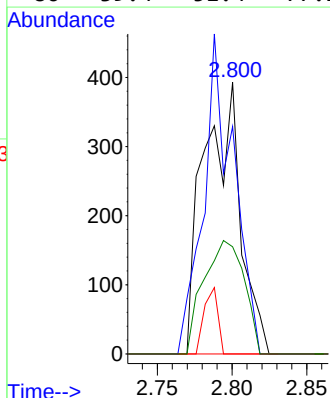
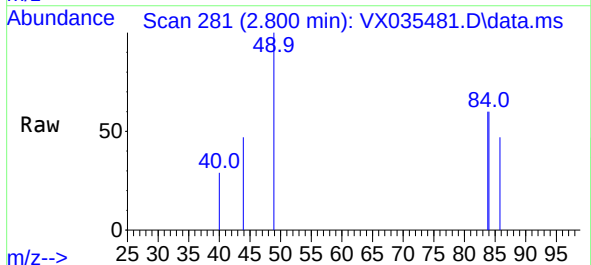
Instrument :
MSVOA_X
ClientSampleId :
GMW-10

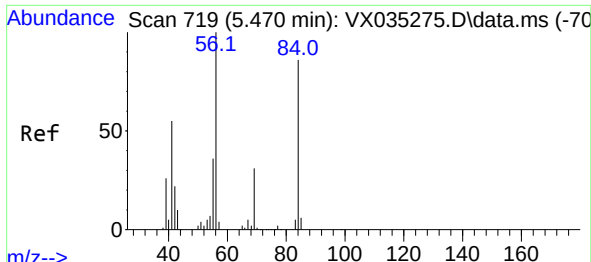
Tgt Ion: 43 Resp: 8025
Ion Ratio Lower Upper
43 100
58 31.0 24.7 37.1



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion: 84 Resp: 666
Ion Ratio Lower Upper
84 100
49 83.7 103.8 155.8#
51 0.0 31.8 47.8#
86 39.4 51.4 77.2#

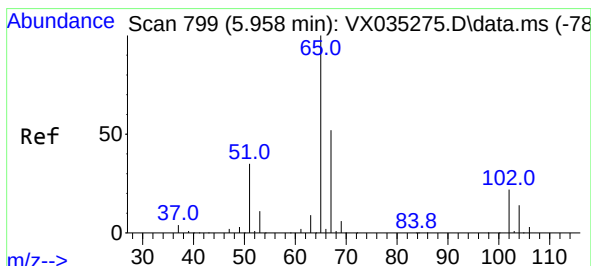
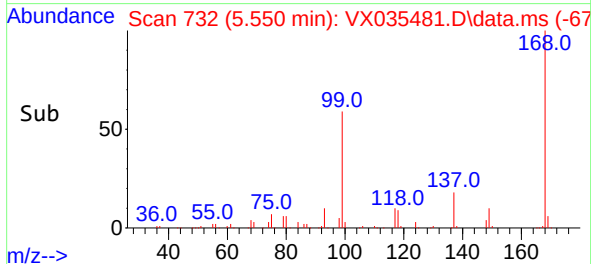
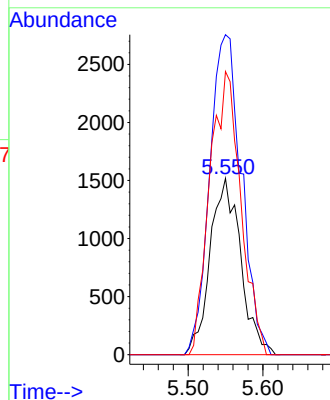
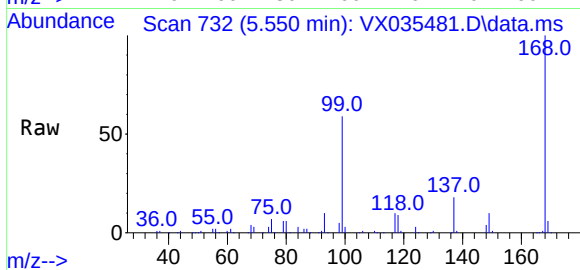




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

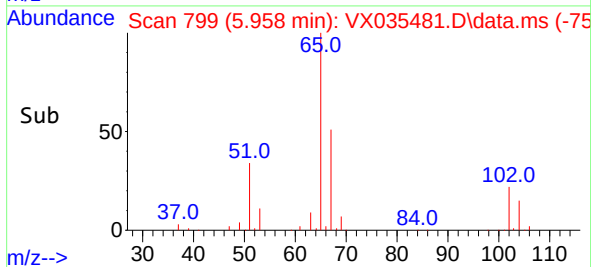
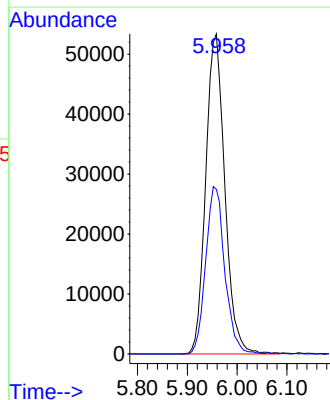
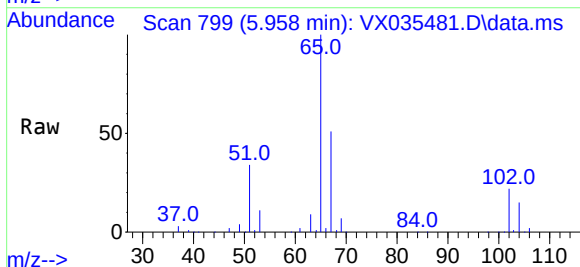
Instrument :
MSVOA_X
ClientSampleId :
GMW-10

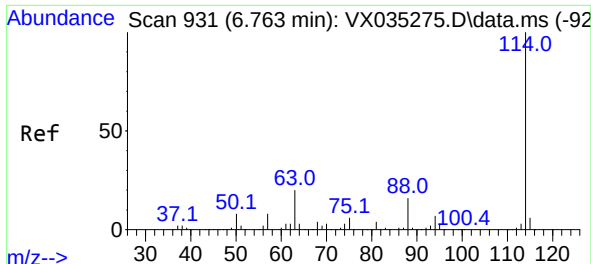
Tgt Ion: 56 Resp: 4311
Ion Ratio Lower Upper
56 100
69 181.6 23.7 35.5#
84 160.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.036 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion: 65 Resp: 141956
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

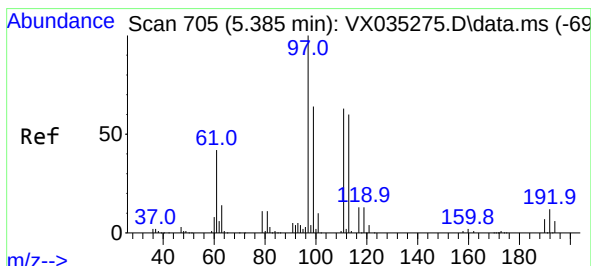
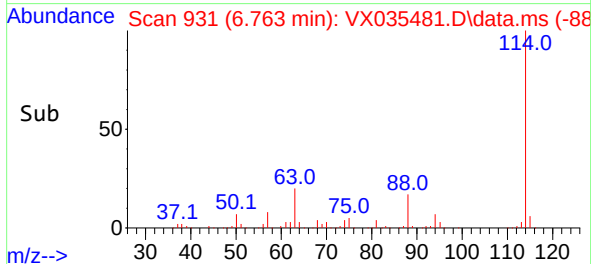
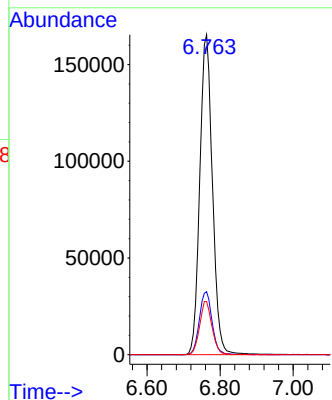
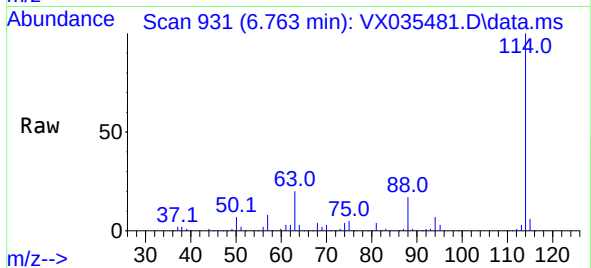




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

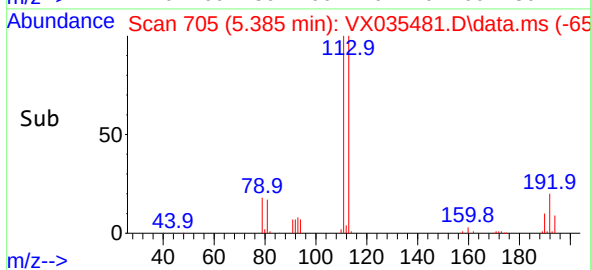
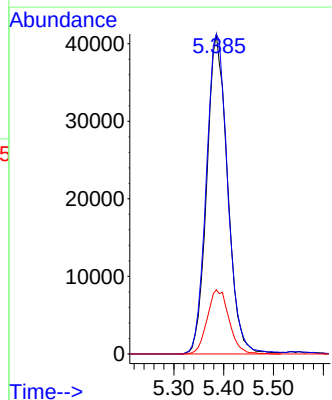
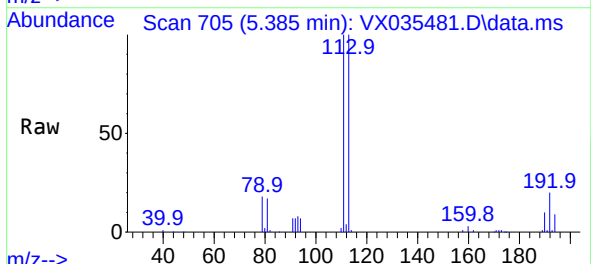
Instrument :
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ClientSampleId :
GMW-10

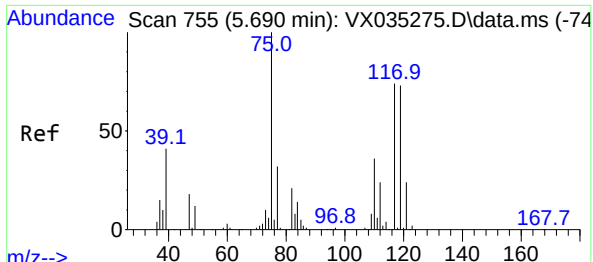
Tgt Ion:114 Resp: 398040
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.736 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion:113 Resp: 119065
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 21.1 15.4 23.2

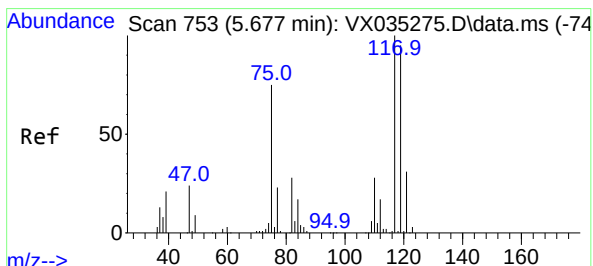
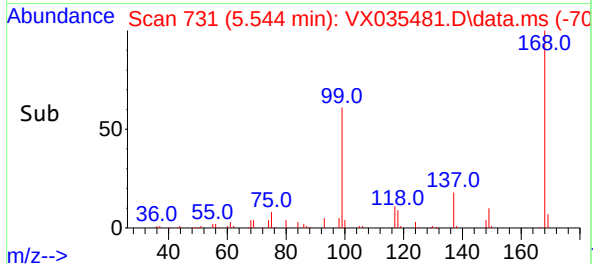
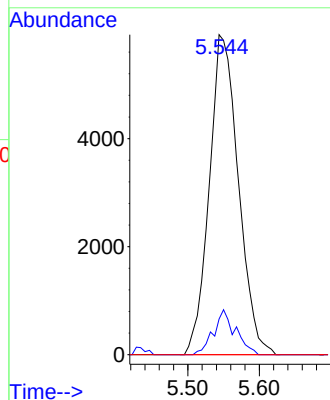
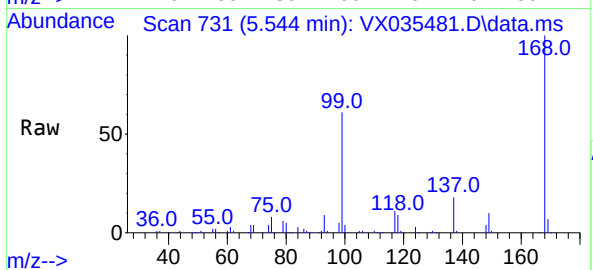




#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

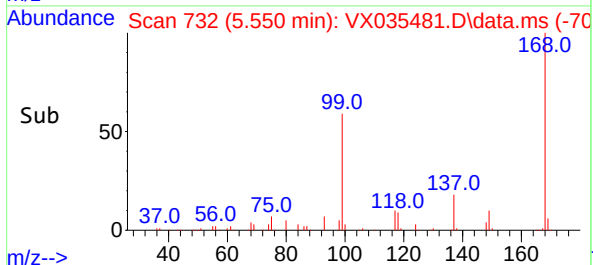
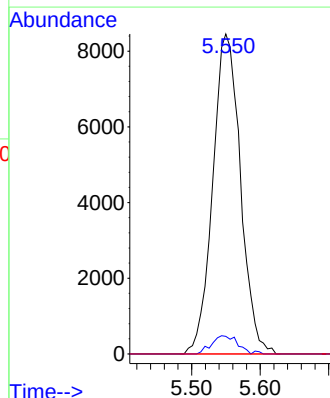
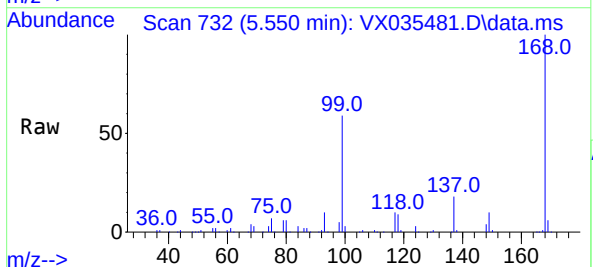
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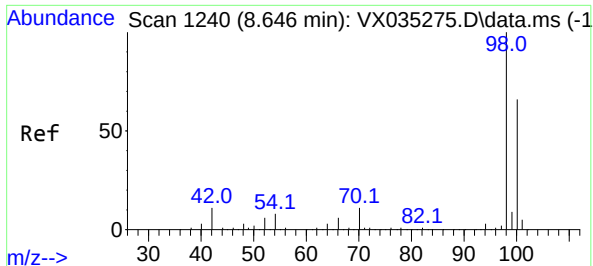
Tgt Ion: 75 Resp: 16749
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.543 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion: 117 Resp: 23695
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 51.478 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035481.D

Acq: 02 May 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

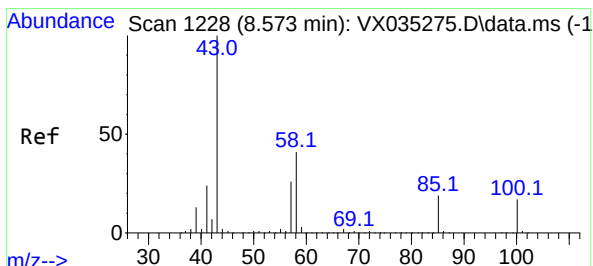
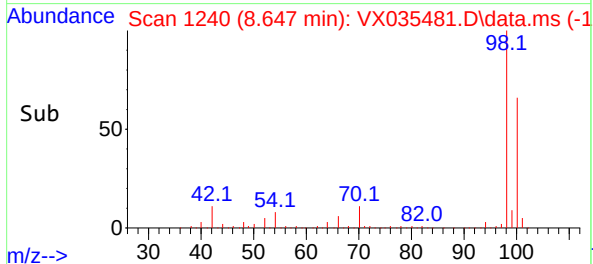
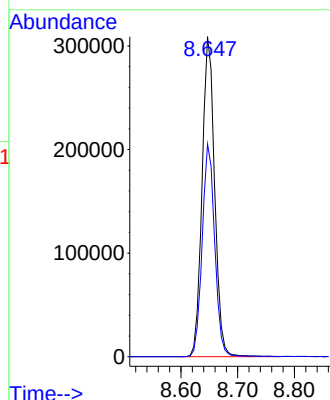
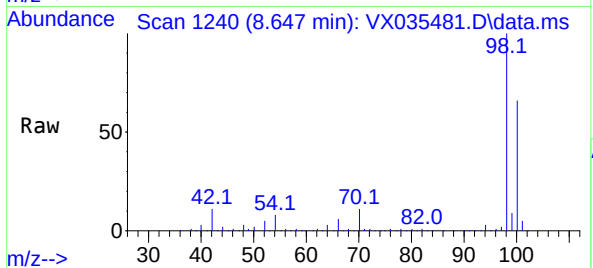
GMW-10

Tgt Ion: 98 Resp: 474419

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.560 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035481.D

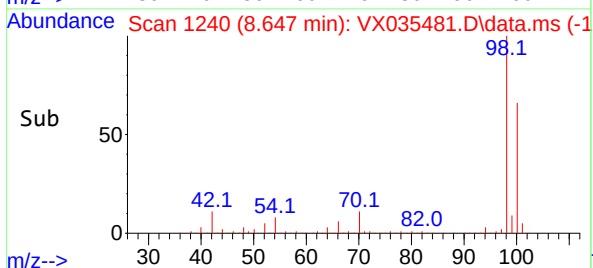
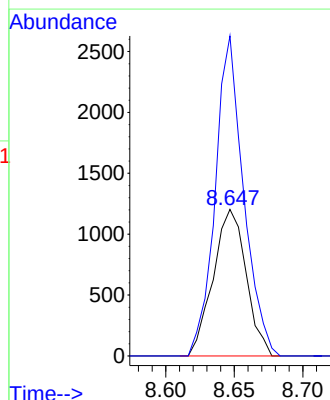
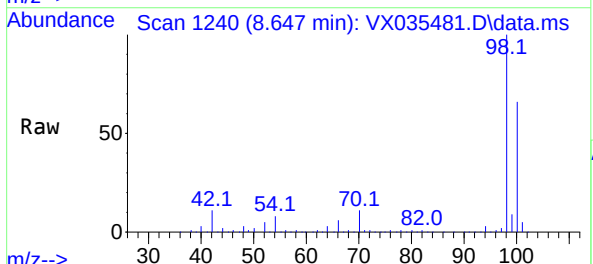
Acq: 02 May 2023 15:58

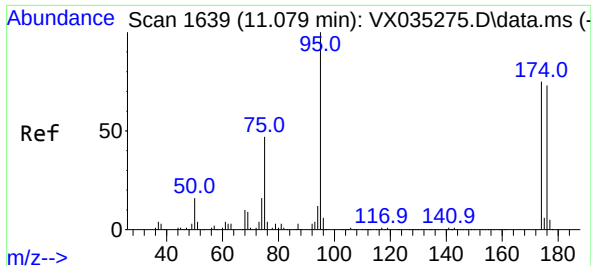
Tgt Ion: 43 Resp: 2014

Ion Ratio Lower Upper

43 100

58 188.2 30.6 46.0#

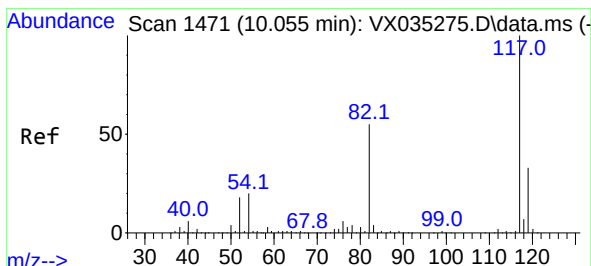
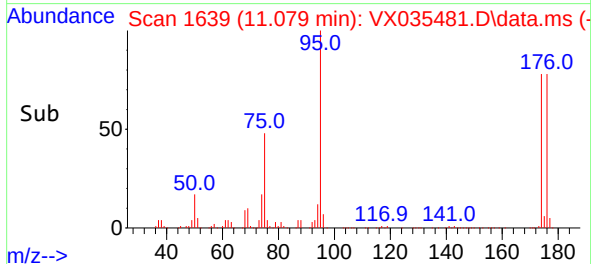
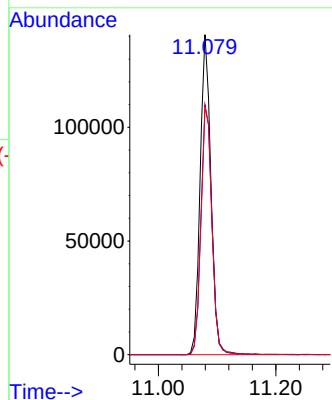
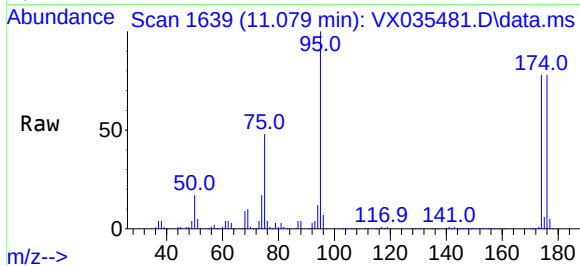




#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

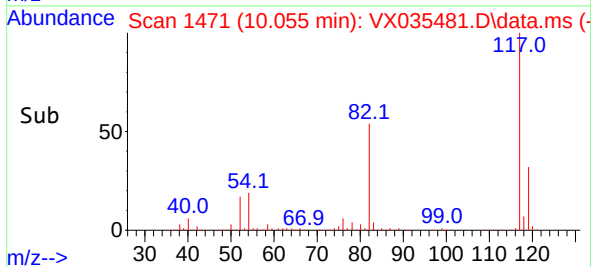
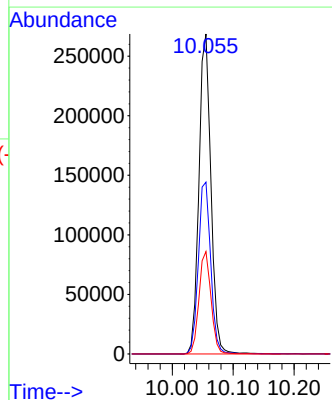
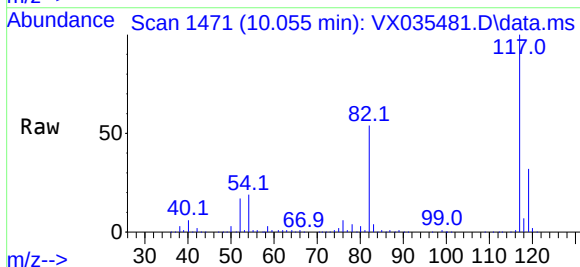
Instrument :
MSVOA_X
ClientSampleId :
GMW-10

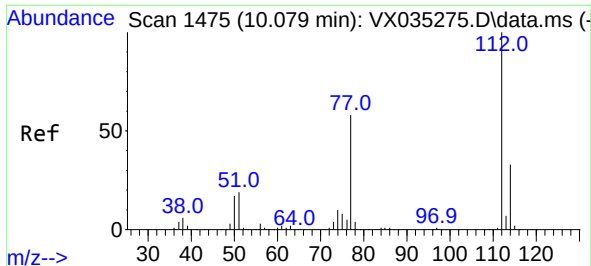
Tgt Ion: 95 Resp: 179387
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 78.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion: 117 Resp: 365850
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.0 26.0 39.0

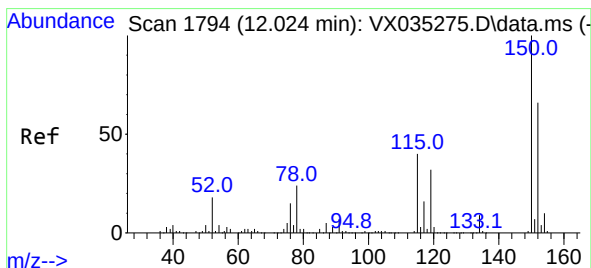
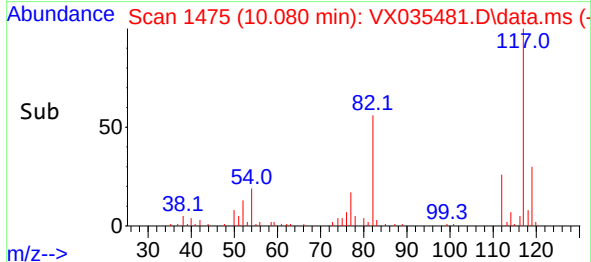
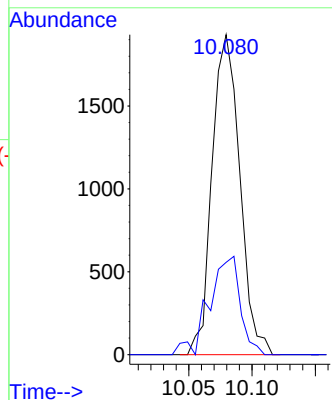
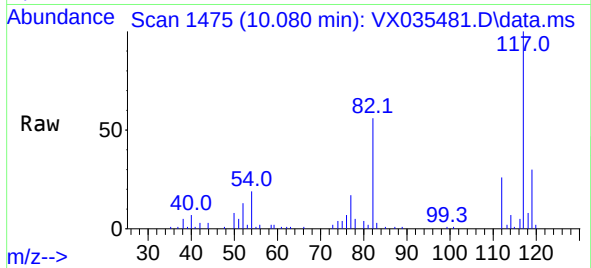




#65
Chlorobenzene
Concen: 0.371 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

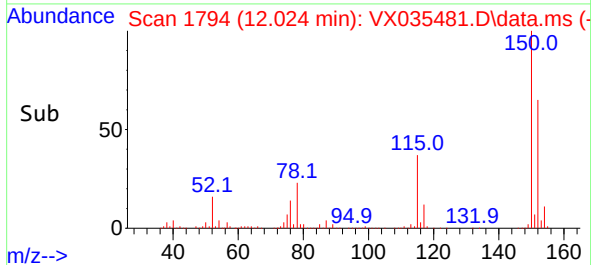
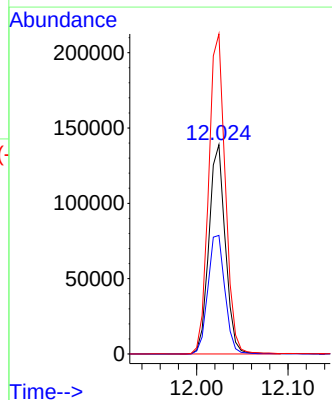
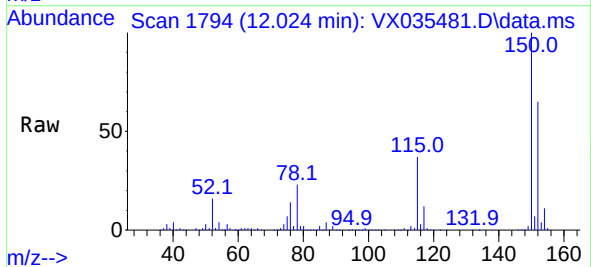
Instrument :
MSVOA_X
ClientSampleId :
GMW-10

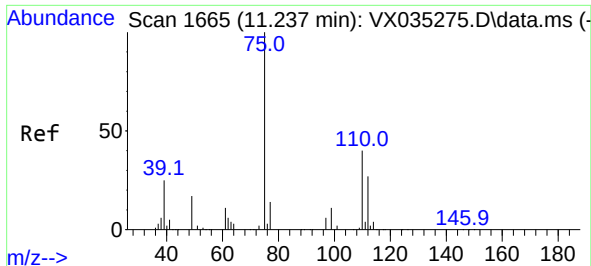
Tgt Ion:112 Resp: 2937
Ion Ratio Lower Upper
112 100
114 28.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion:152 Resp: 172382
Ion Ratio Lower Upper
152 100
115 59.0 45.0 135.0
150 155.7 0.0 352.4

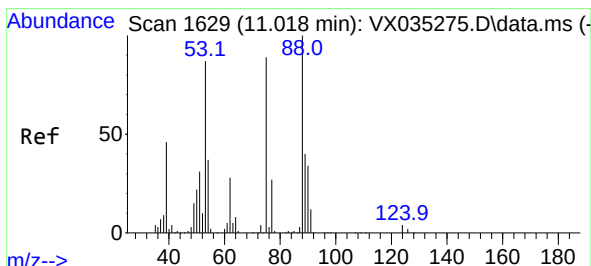
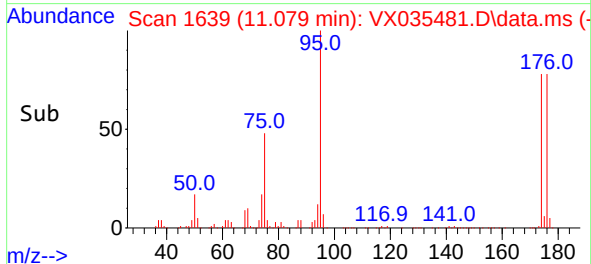
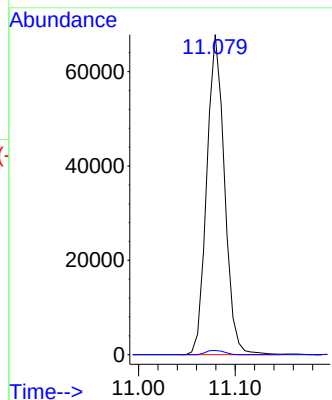
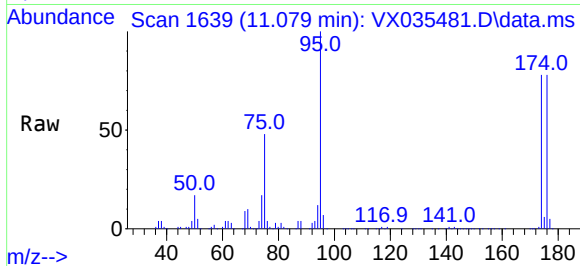




#76
1,2,3-Trichloropropane
Concen: 25.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

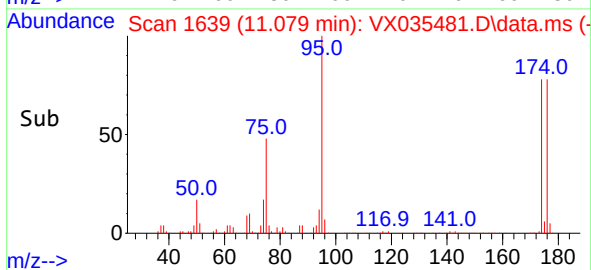
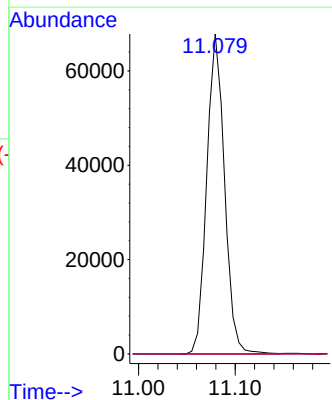
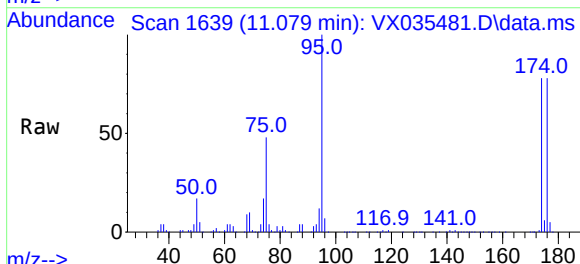
Instrument :
MSVOA_X
ClientSampleId :
GMW-10

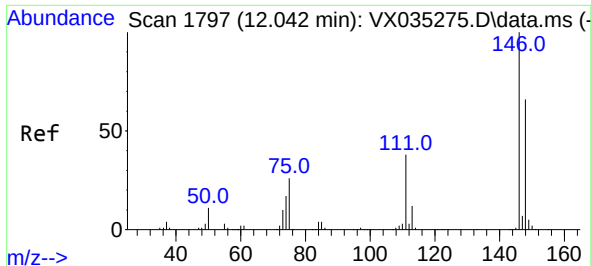
Tgt Ion: 75 Resp: 86792
Ion Ratio Lower Upper
75 100
77 1.4 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Tgt Ion: 75 Resp: 86792
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#88
1,4-Dichlorobenzene
Concen: 0.224 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035481.D
Acq: 02 May 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
GMW-10

Tgt Ion:146 Resp: 1397
Ion Ratio Lower Upper
146 100
111 207.2 20.6 61.9#
148 102.5 31.8 95.4#

