

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035479.D
 Acq On : 02 May 2023 15:12
 Operator : JC/MD
 Sample : 02521-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-1

Quant Time: May 03 03:16:14 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	5.550	168	219899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131537	49.581	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.160%
35) Dibromofluoromethane	5.385	113	108999	50.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	8.647	98	411906	50.363	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.720%
62) 4-Bromofluorobenzene	11.079	95	153414	49.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%

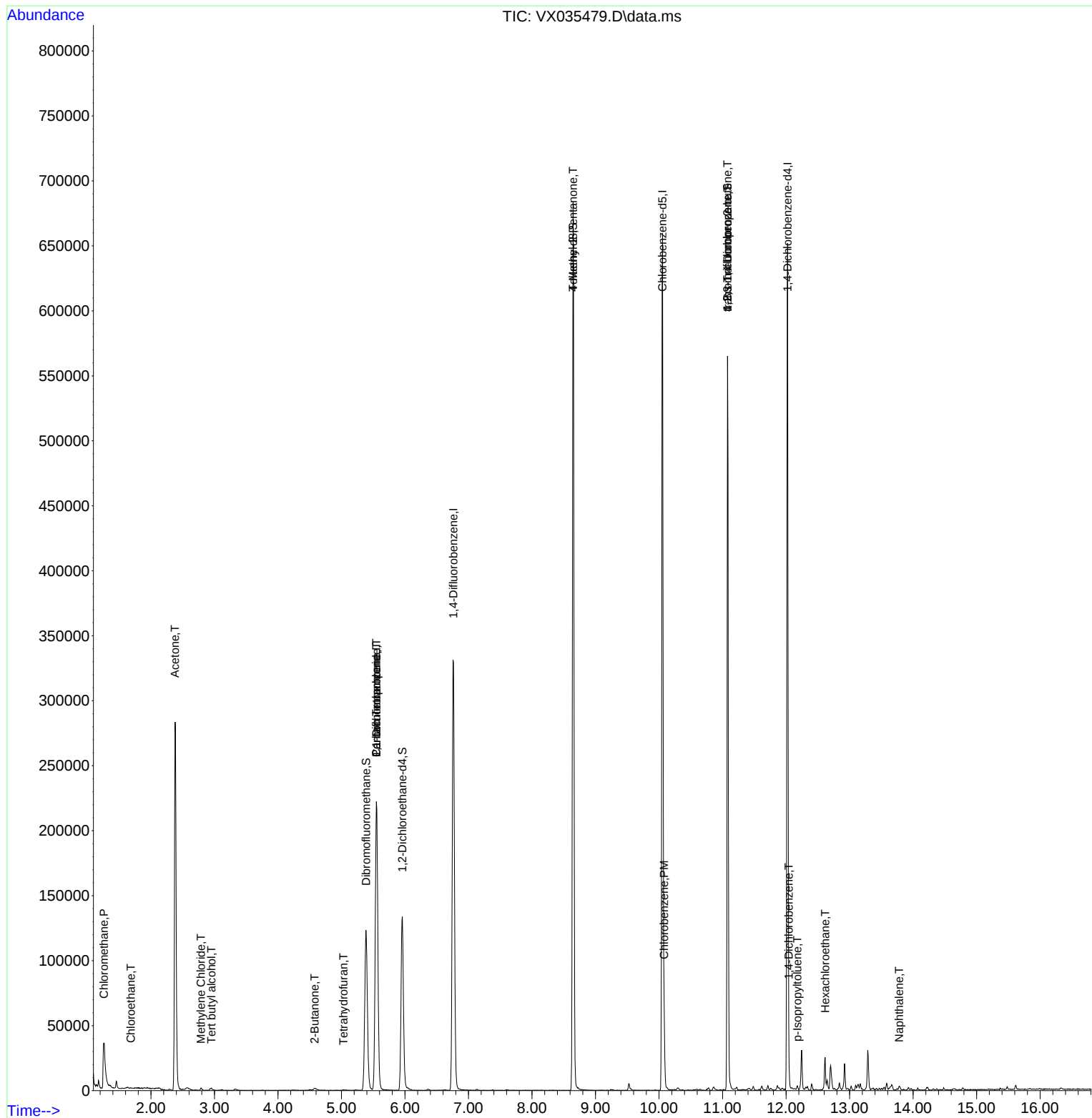
Target Compounds						Qvalue
3) Chloromethane	1.258	50	1149	0.543	ug/l #	42
6) Chloroethane	1.685	64	366	0.295	ug/l #	42
11) Tert butyl alcohol	2.953	59	1699	3.517	ug/l #	73
16) Acetone	2.380	43	322727	280.091	ug/l	100
20) Methylene Chloride	2.788	84	789	0.299	ug/l #	90
25) 2-Butanone	4.574	43	3160	1.879	ug/l #	83
29) Tetrahydrofuran	5.032	42	370	0.343	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	15533	4.588	ug/l #	52
38) Carbon Tetrachloride	5.550	117	21236	6.608	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1848	0.579	ug/l #	1
65) Chlorobenzene	10.079	112	22266	3.261	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	76011	26.375	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	76011	85.424	ug/l #	8
86) p-Isopropyltoluene	12.177	119	1947	0.209	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	4592	0.878	ug/l #	67
90) Hexachloroethane	12.616	117	1056	0.740	ug/l #	15
95) Naphthalene	13.780	128	2229	0.231	ug/l #	95

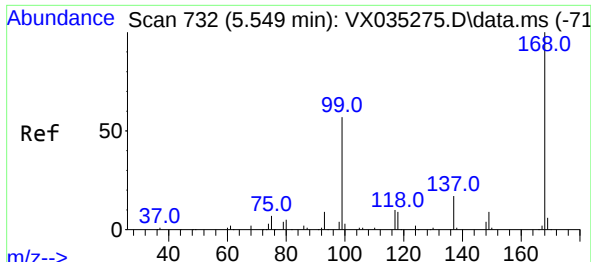
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

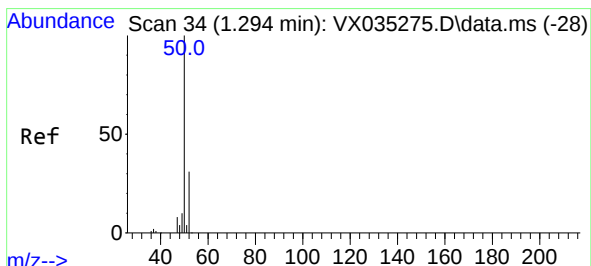
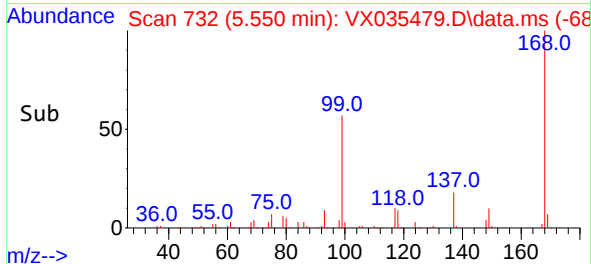
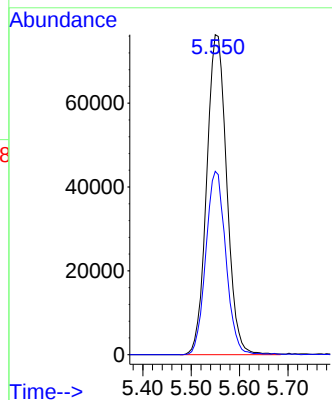
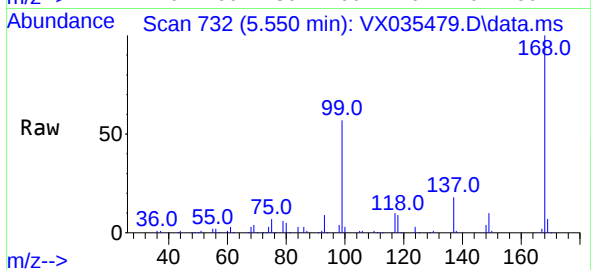




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

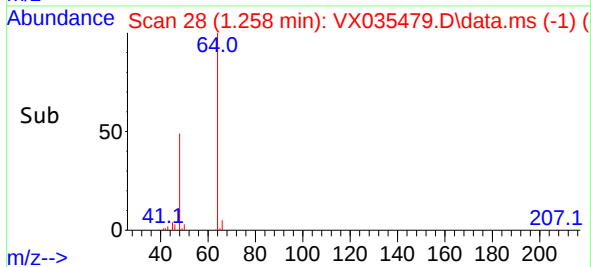
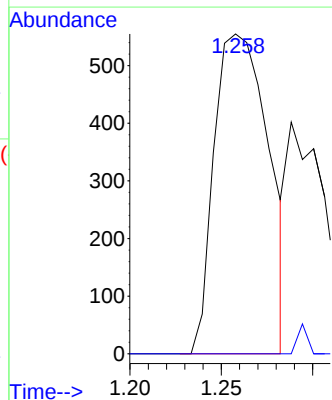
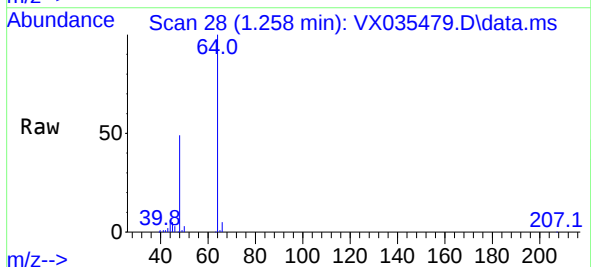
Instrument :
MSVOA_X
ClientSampleId :
GMW-1

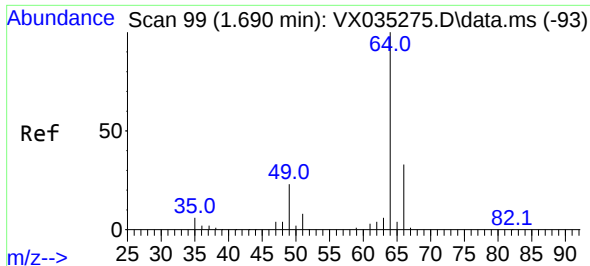
Tgt Ion:168 Resp: 219899
Ion Ratio Lower Upper
168 100
99 57.3 45.7 68.5



#3
Chloromethane
Concen: 0.543 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion: 50 Resp: 1149
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

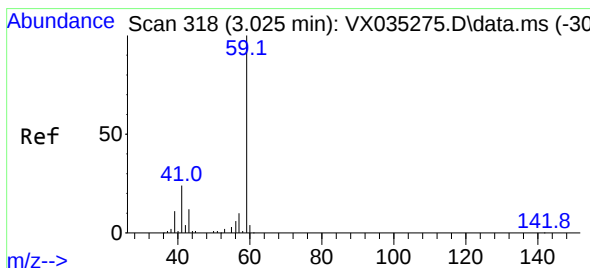
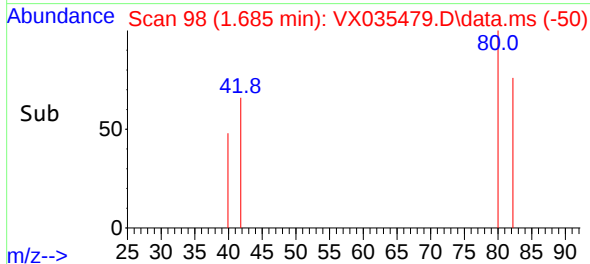
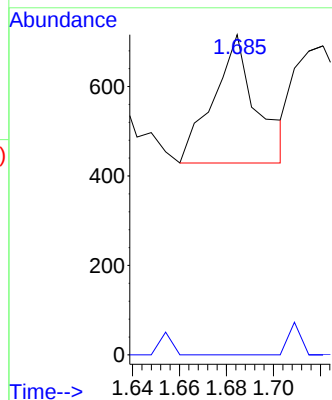
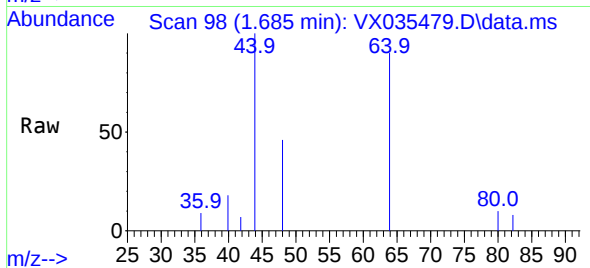




#6
Chloroethane
Concen: 0.295 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.005 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

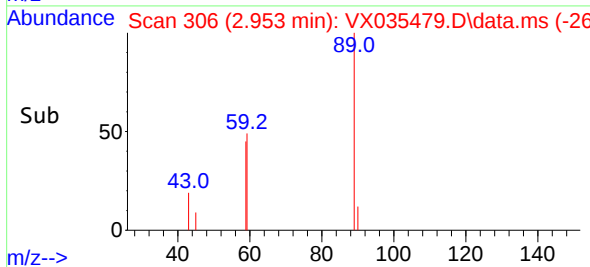
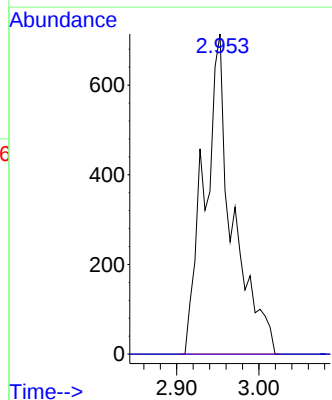
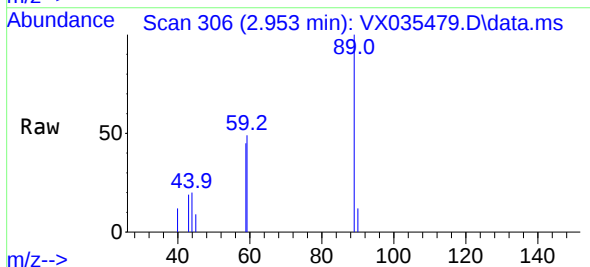
Instrument :
MSVOA_X
ClientSampleId :
GMW-1

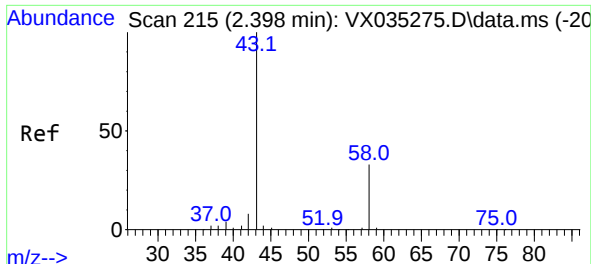
Tgt Ion: 64 Resp: 366
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 3.517 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.072 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion: 59 Resp: 1699
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

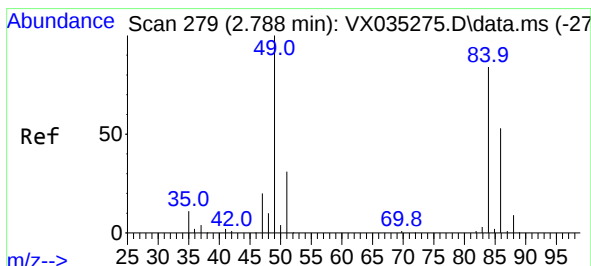
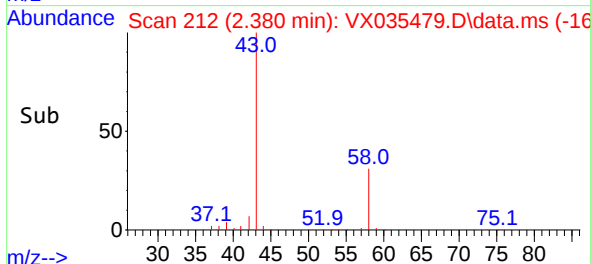
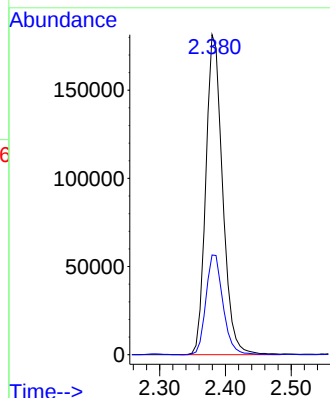
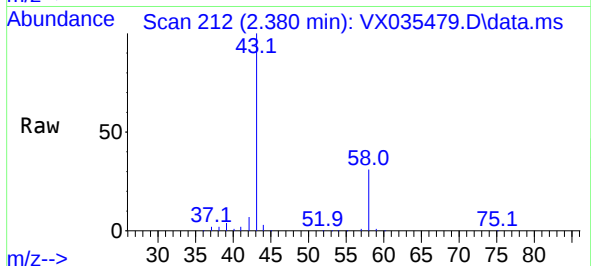




#16
Acetone
Concen: 280.091 ug/l
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

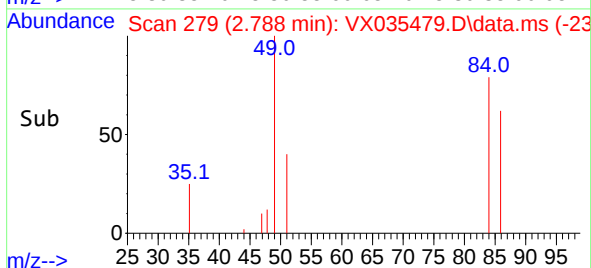
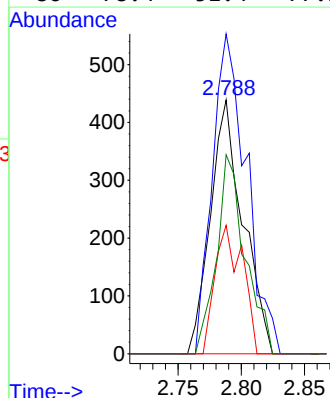
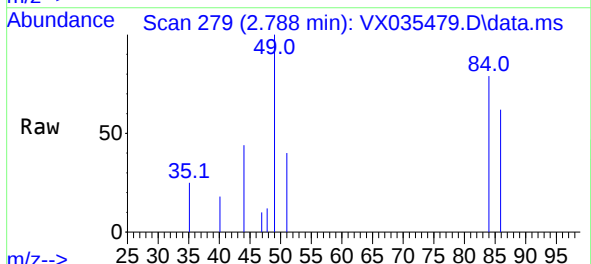
Instrument :
MSVOA_X
ClientSampleId :
GMW-1

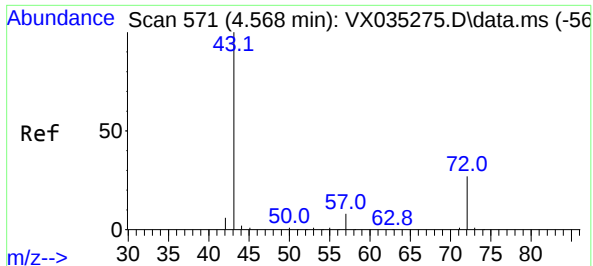
Tgt Ion: 43 Resp: 322727
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1



#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion: 84 Resp: 789
Ion Ratio Lower Upper
84 100
49 126.0 103.8 155.8
51 50.6 31.8 47.8#
86 78.4 51.4 77.2#





#25

2-Butanone

Concen: 1.879 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035479.D

Acq: 02 May 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

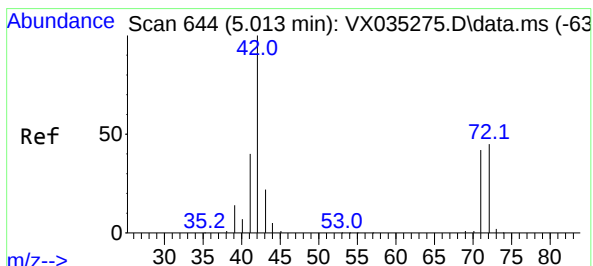
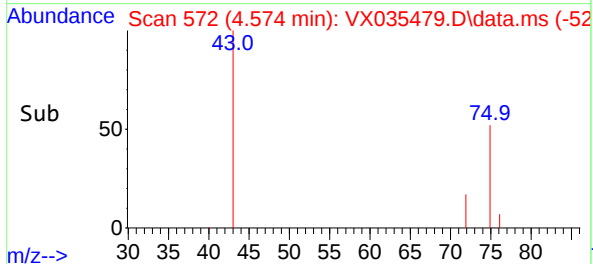
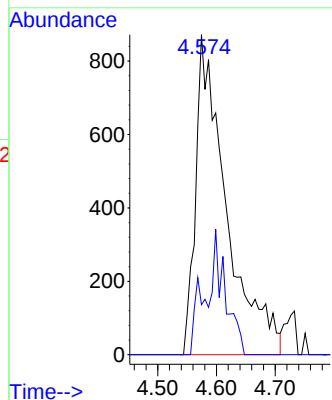
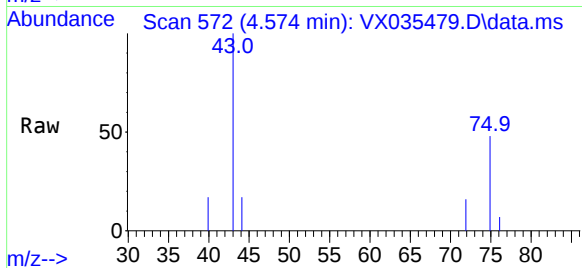
GMW-1

Tgt Ion: 43 Resp: 3160

Ion Ratio Lower Upper

43 100

72 15.6 19.3 28.9#



#29

Tetrahydrofuran

Concen: 0.343 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX035479.D

Acq: 02 May 2023 15:12

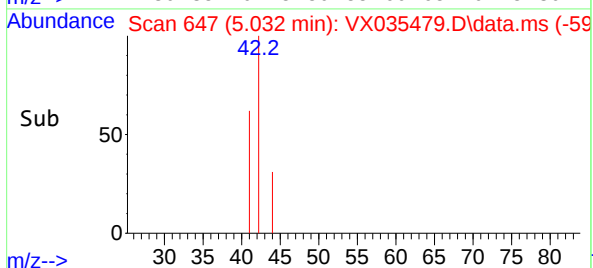
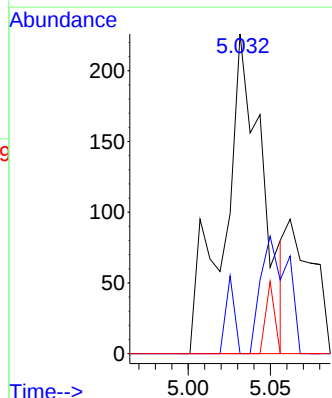
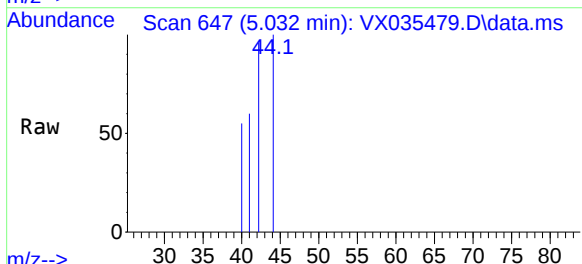
Tgt Ion: 42 Resp: 370

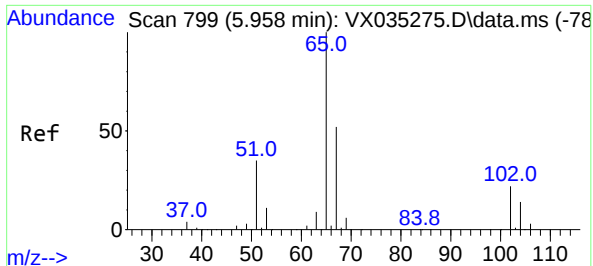
Ion Ratio Lower Upper

42 100

72 5.4 34.5 51.7#

71 0.0 32.1 48.1#





#33

1,2-Dichloroethane-d4

Concen: 49.581 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035479.D

Acq: 02 May 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

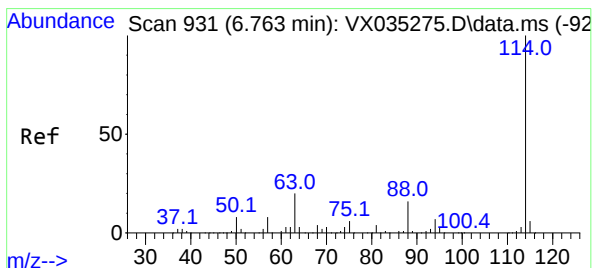
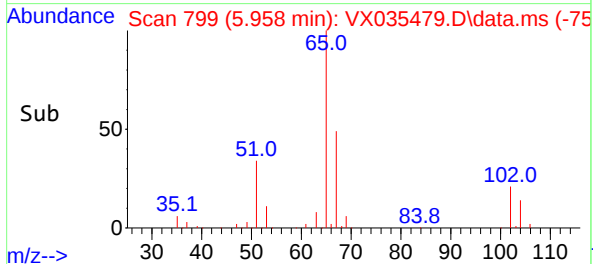
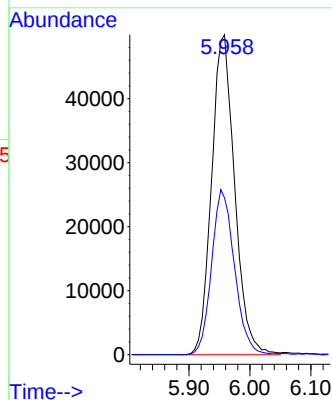
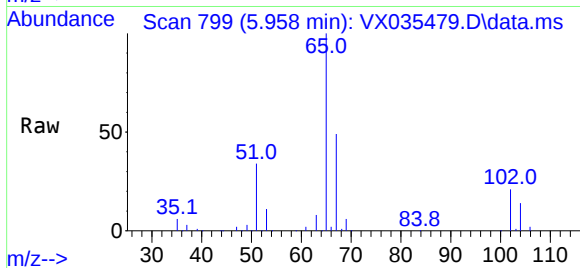
GMW-1

Tgt Ion: 65 Resp: 131537

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035479.D

Acq: 02 May 2023 15:12

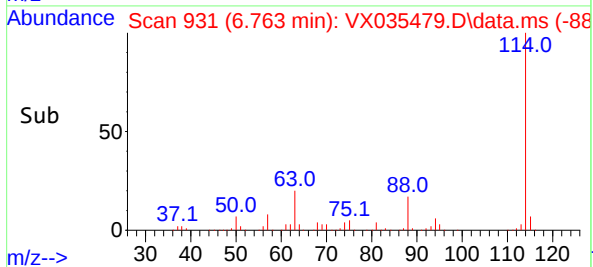
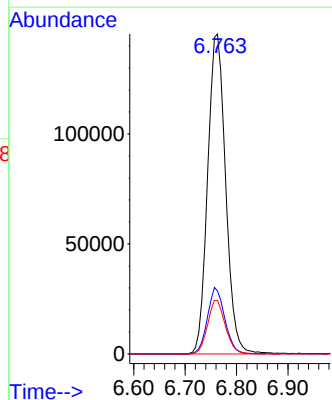
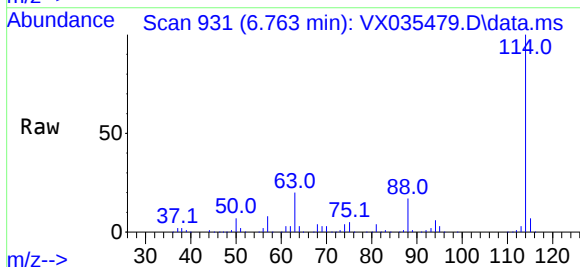
Tgt Ion: 114 Resp: 353240

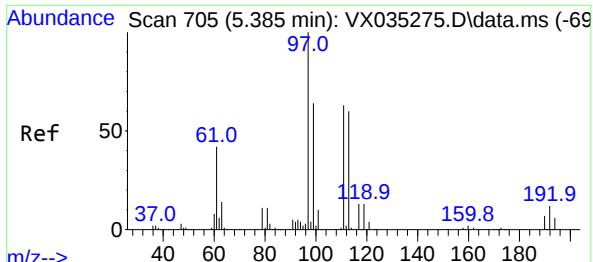
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

88 16.7 0.0 33.2

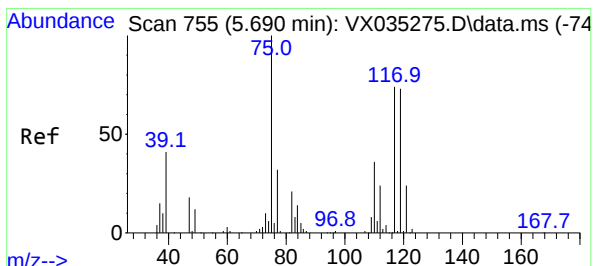
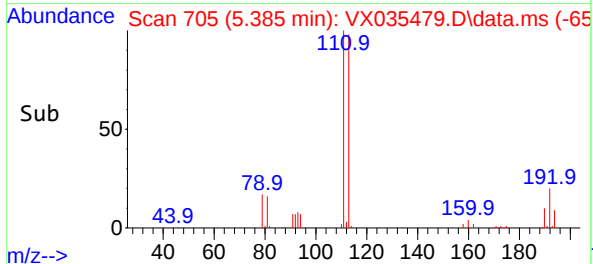
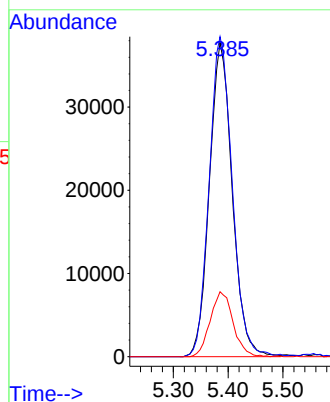
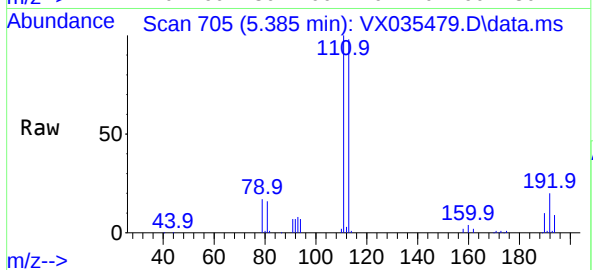




#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

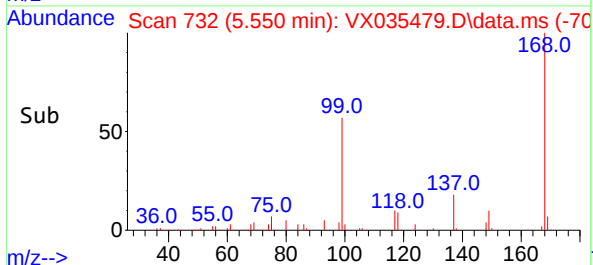
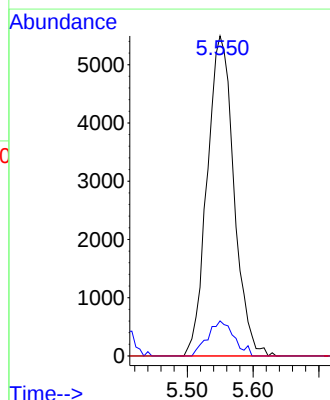
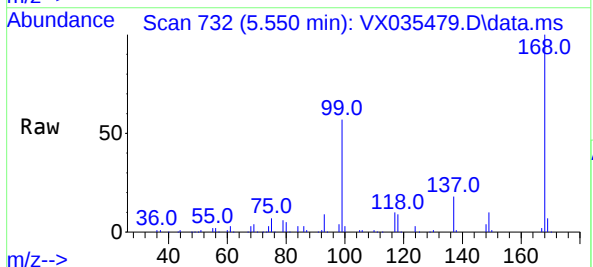
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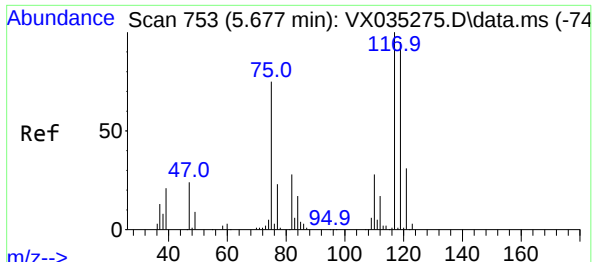
Tgt Ion:113 Resp: 108999
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 20.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

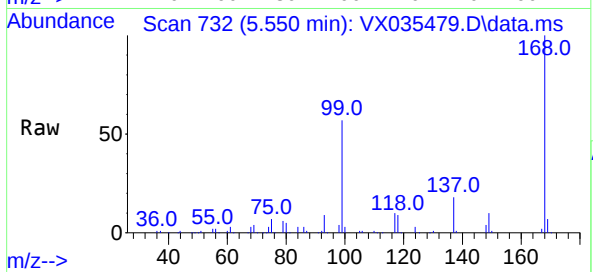
Tgt Ion: 75 Resp: 15533
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.3 36.5#



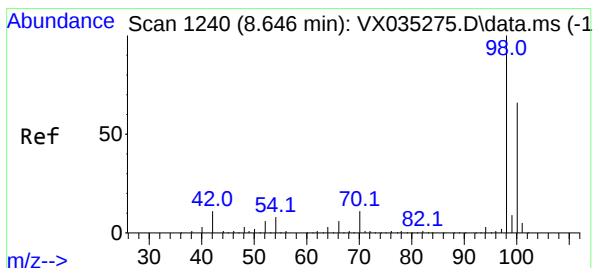
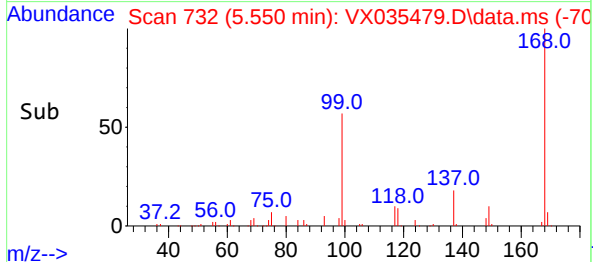
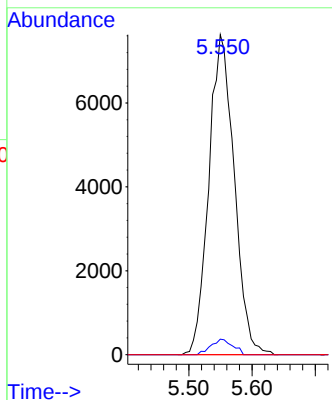


#38
Carbon Tetrachloride
Concen: 6.608 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

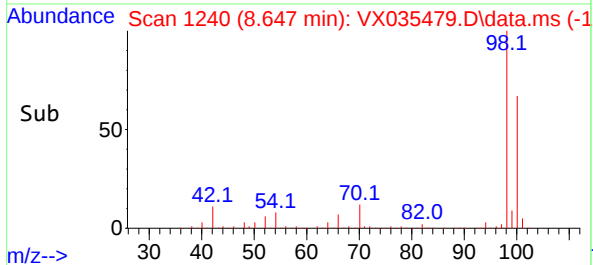
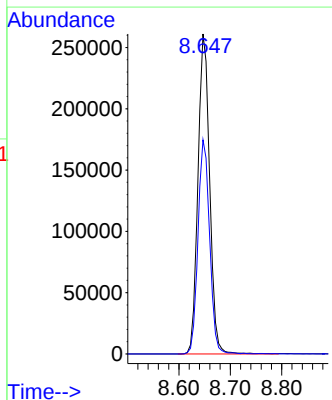
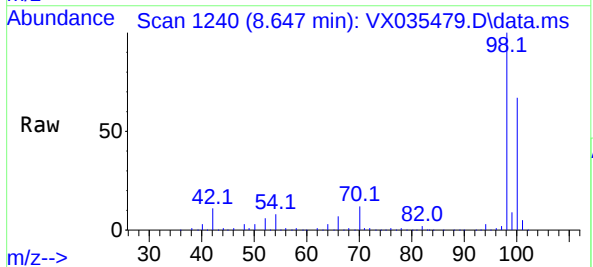


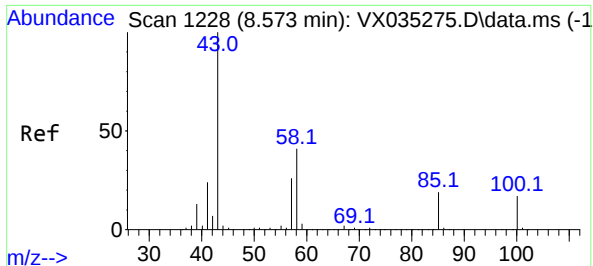
Tgt Ion:117 Resp: 21236
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.363 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion: 98 Resp: 411906
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX035479.D

Acq: 02 May 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

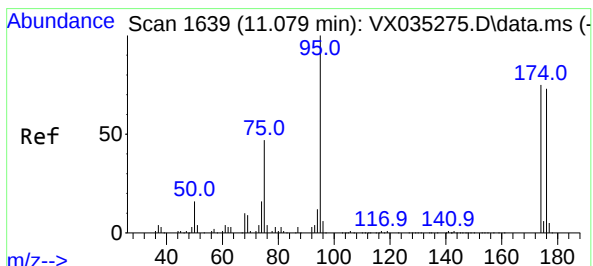
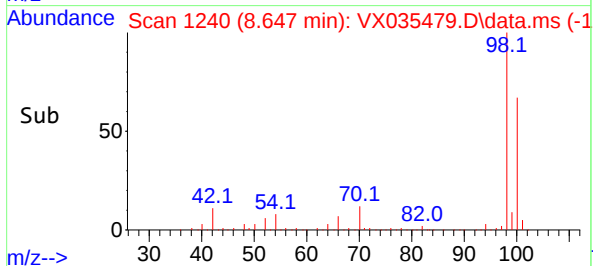
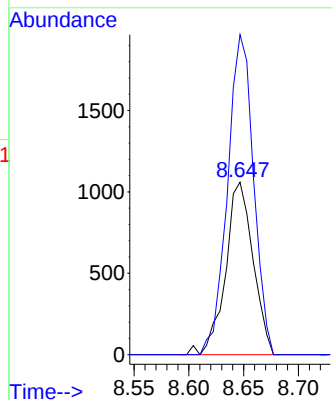
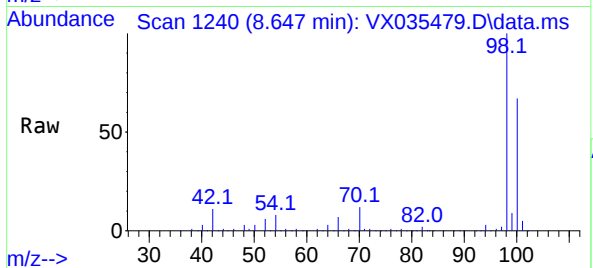
GMW-1

Tgt Ion: 43 Resp: 1848

Ion Ratio Lower Upper

43 100

58 175.9 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 49.863 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035479.D

Acq: 02 May 2023 15:12

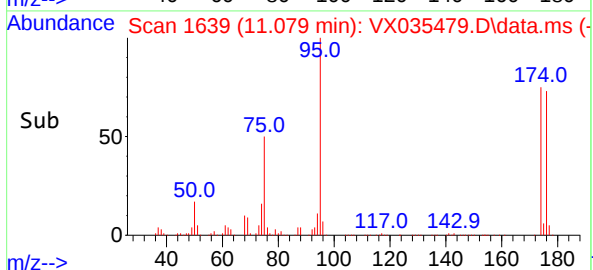
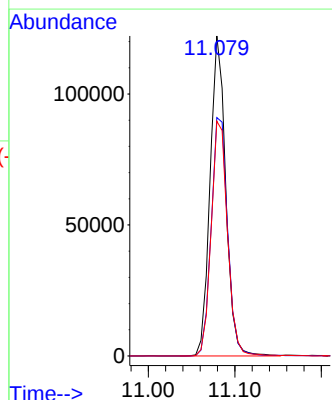
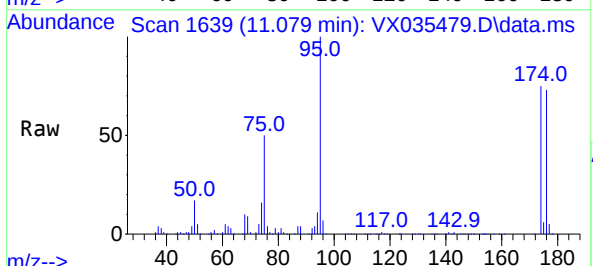
Tgt Ion: 95 Resp: 153414

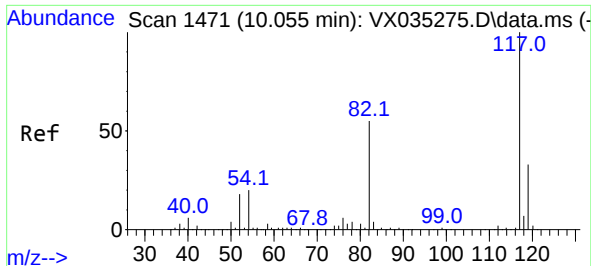
Ion Ratio Lower Upper

95 100

174 78.4 0.0 147.4

176 76.5 0.0 140.6

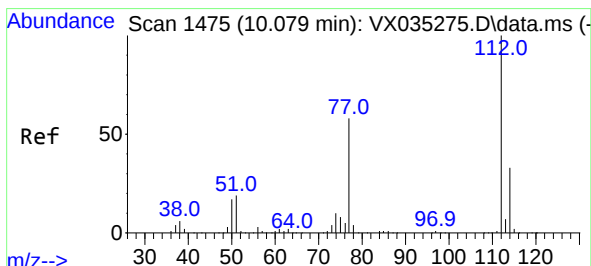
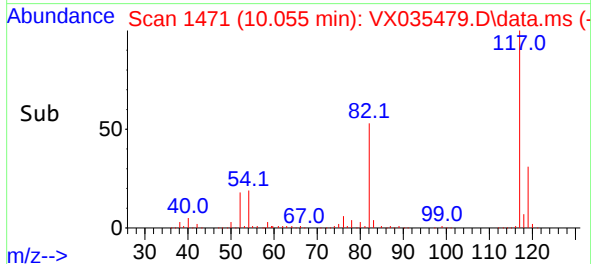
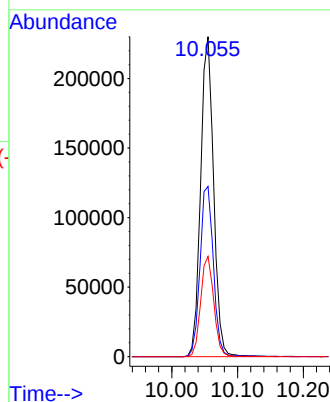
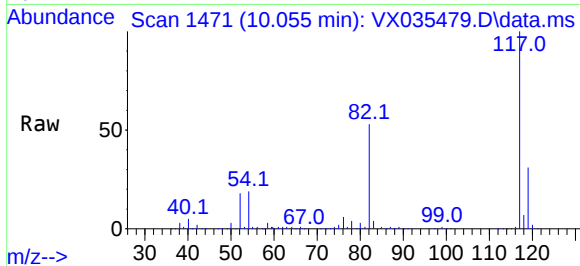




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

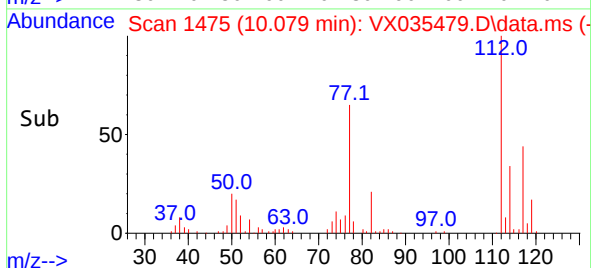
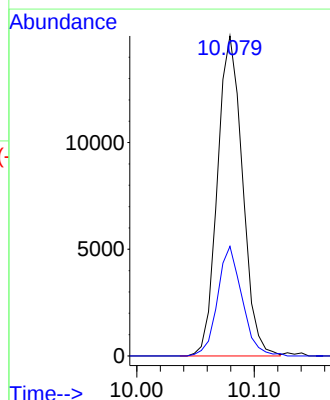
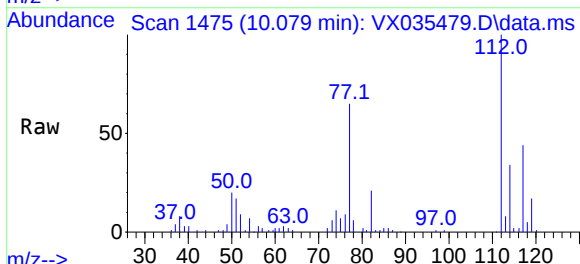
Instrument :
MSVOA_X
ClientSampleId :
GMW-1

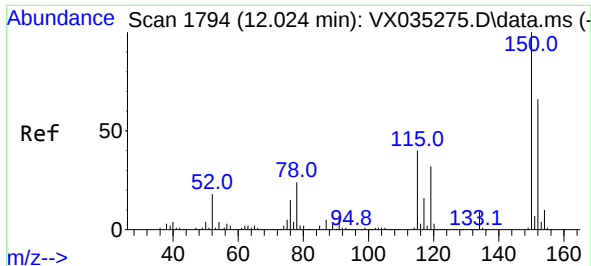
Tgt Ion:117 Resp: 315578
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 31.4 26.0 39.0



#65
Chlorobenzene
Concen: 3.261 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion:112 Resp: 22266
Ion Ratio Lower Upper
112 100
114 34.3 26.2 39.2

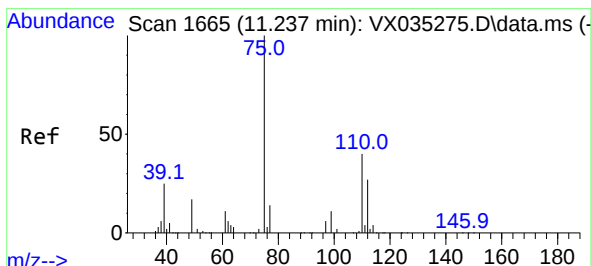
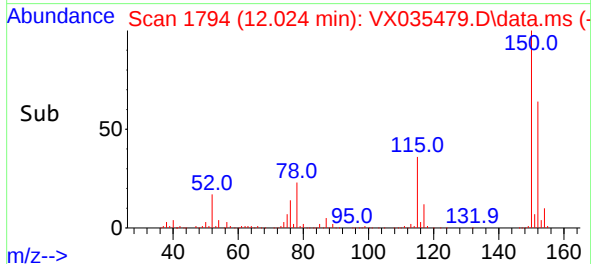
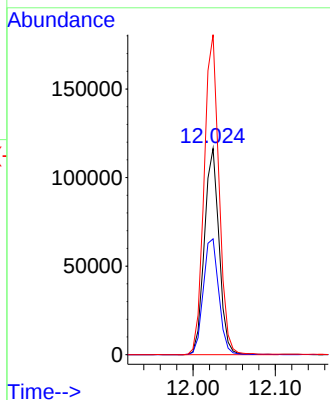
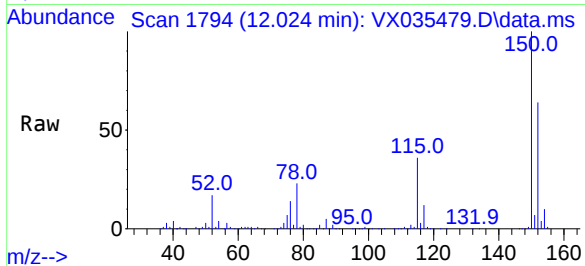




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

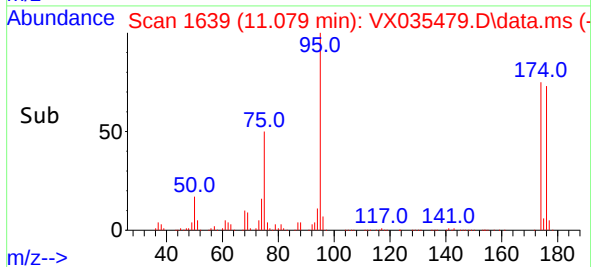
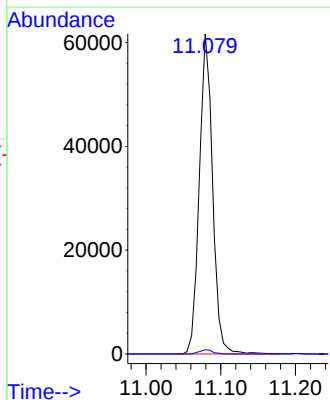
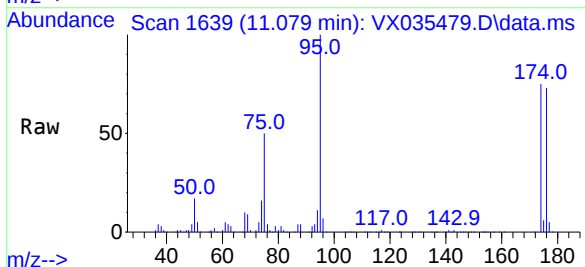
Instrument :
MSVOA_X
ClientSampleId :
GMW-1

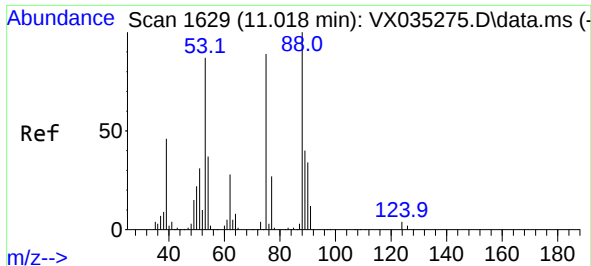
Tgt Ion:152 Resp: 144473
Ion Ratio Lower Upper
152 100
115 59.3 45.0 135.0
150 157.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion: 75 Resp: 76011
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#

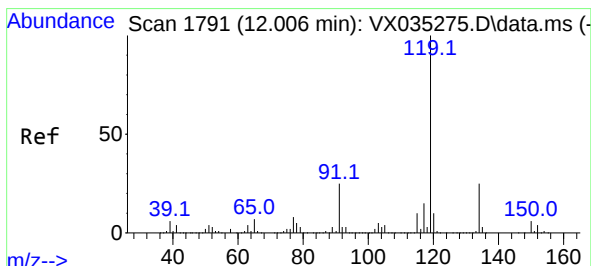
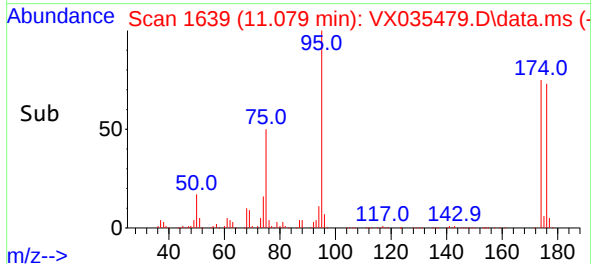
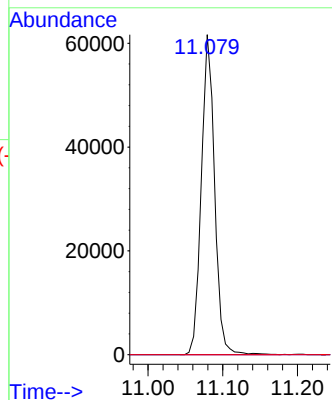
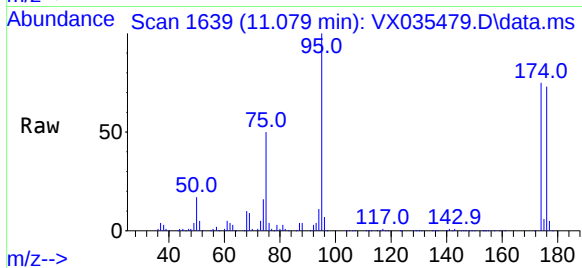




#81
trans-1,4-Dichloro-2-butene
Concen: 85.424 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

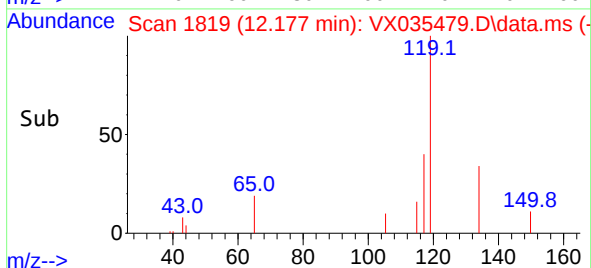
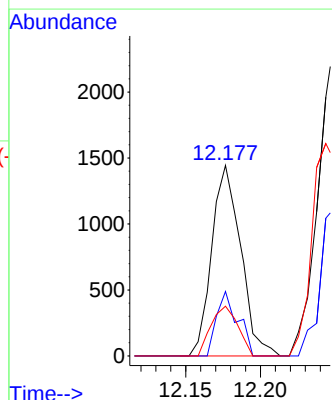
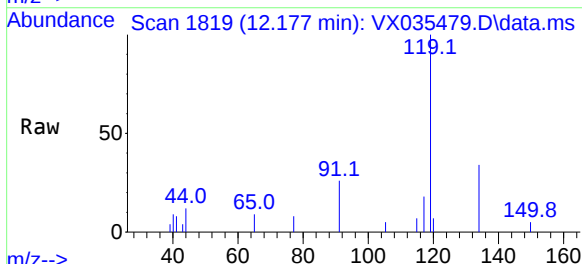
Instrument :
MSVOA_X
ClientSampleId :
GMW-1

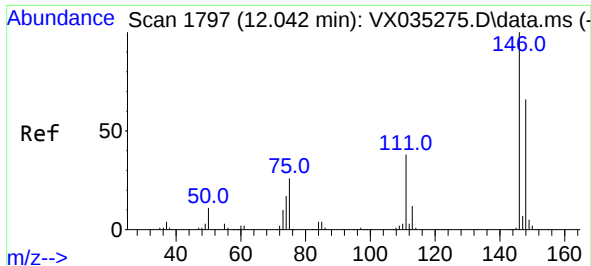
Tgt Ion: 75 Resp: 76011
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#86
p-Isopropyltoluene
Concen: 0.209 ug/l
RT: 12.177 min Scan# 1819
Delta R.T. 0.171 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion: 119 Resp: 1947
Ion Ratio Lower Upper
119 100
134 24.8 13.2 39.5
91 24.1 12.9 38.7

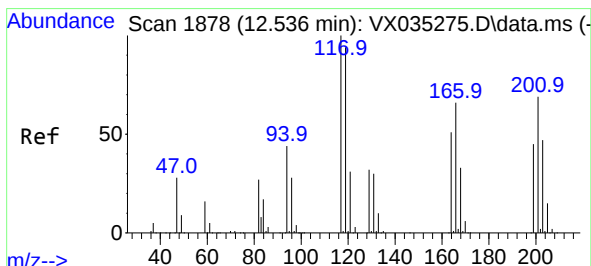
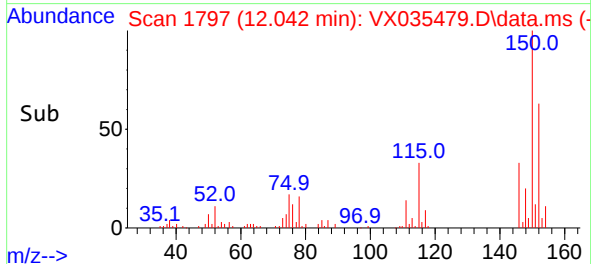
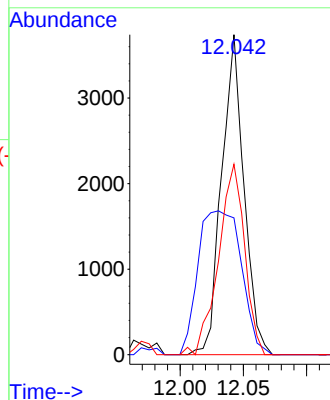
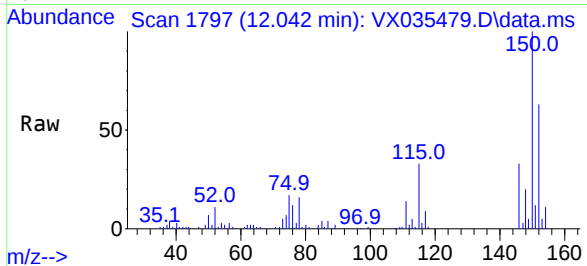




#88
1,4-Dichlorobenzene
Concen: 0.878 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

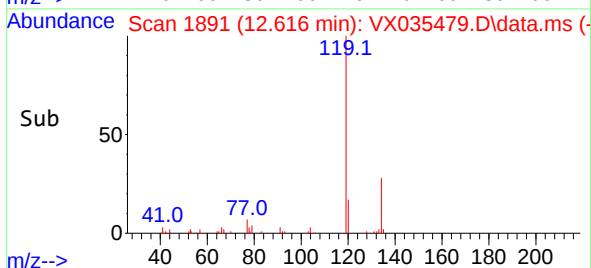
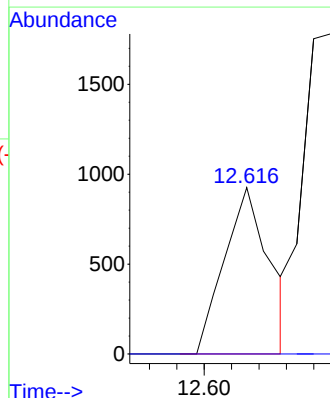
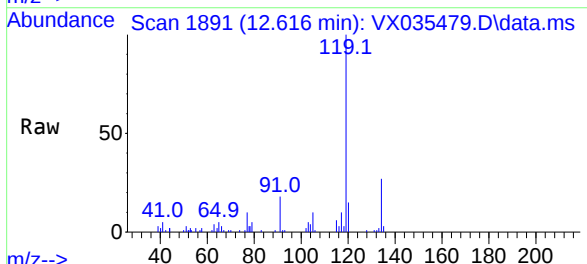
Instrument :
MSVOA_X
ClientSampleId :
GMW-1

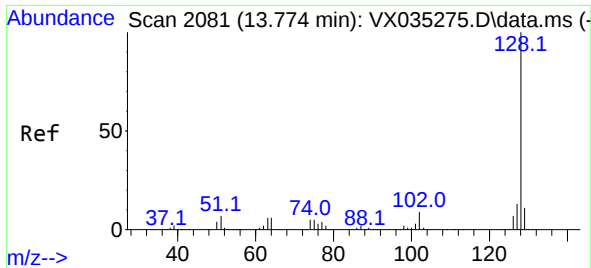
Tgt Ion:146 Resp: 4592
Ion Ratio Lower Upper
146 100
111 87.2 20.6 61.9#
148 69.5 31.8 95.4



#90
Hexachloroethane
Concen: 0.740 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.080 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Tgt Ion:117 Resp: 1056
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#





#95
Naphthalene
Concen: 0.231 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035479.D
Acq: 02 May 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:	128	Resp:	2229
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	13.6	8.6	13.0#

