

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035482.D
 Acq On : 02 May 2023 16:22
 Operator : JC/MD
 Sample : 02521-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7

Quant Time: May 03 03:16:45 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	226018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158095	50.000	ug/l	0.00

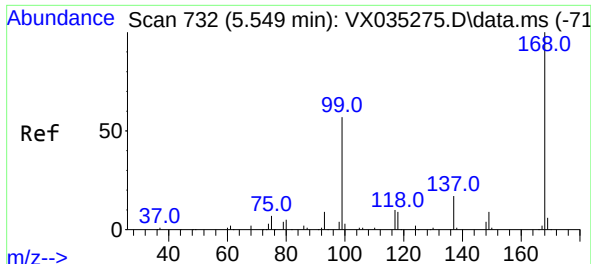
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131873	48.362	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.720%
35) Dibromofluoromethane	5.391	113	114084	50.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.500%
50) Toluene-d8	8.647	98	435805	50.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	165685	51.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.840%

Target Compounds					Qvalue	
3) Chloromethane	1.270	50	941	0.433	ug/l #	42
6) Chloroethane	1.691	64	280	0.219	ug/l #	42
11) Tert butyl alcohol	2.959	59	737	1.484	ug/l #	73
16) Acetone	2.386	43	3311	2.796	ug/l	93
31) Cyclohexane	5.550	56	3986	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15998	4.513	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22134	6.577	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1858	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80621	25.564	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	80621	82.798	ug/l #	8

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

Quant Time: May 03 03:16:45 2023
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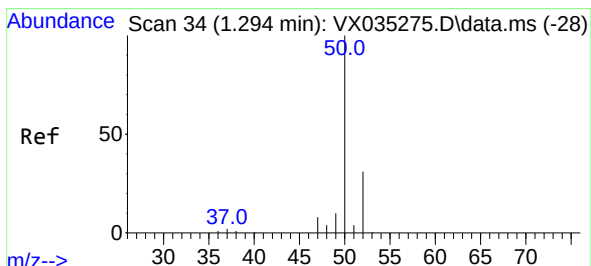
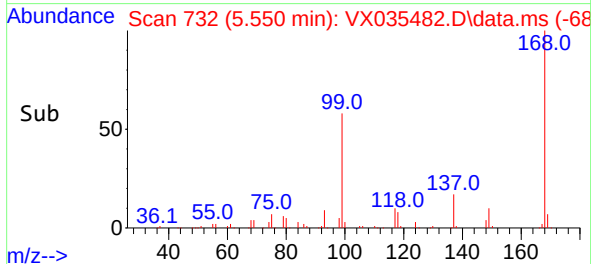
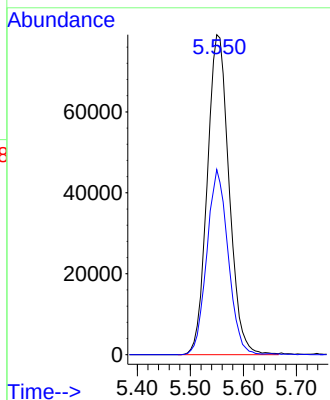
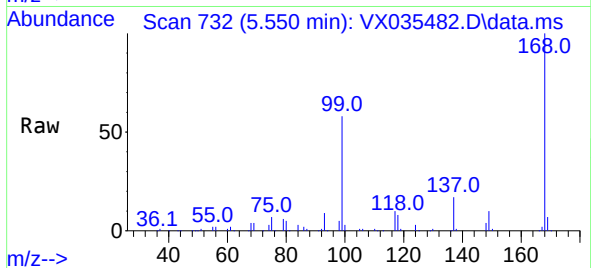




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

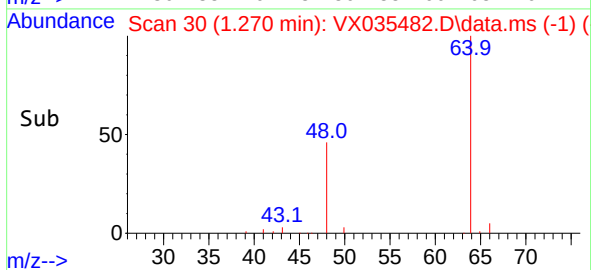
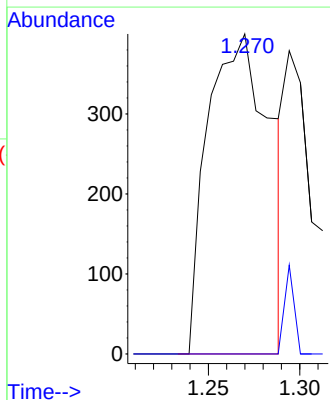
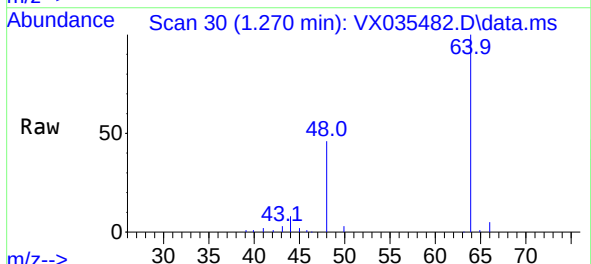
Instrument :
MSVOA_X
ClientSampleId :
GMW-7

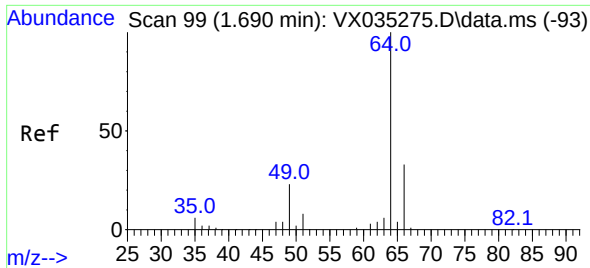
Tgt Ion:168 Resp: 226018
Ion Ratio Lower Upper
168 100
99 57.9 45.7 68.5



#3
Chloromethane
Concen: 0.433 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion: 50 Resp: 941
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

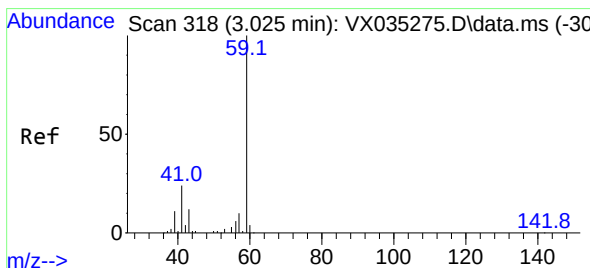
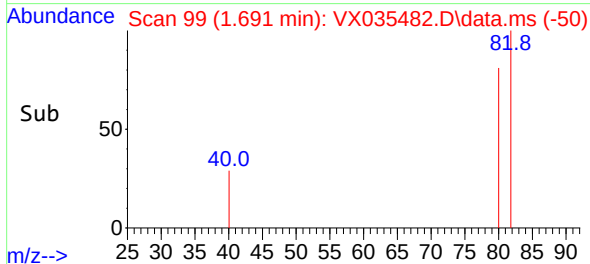
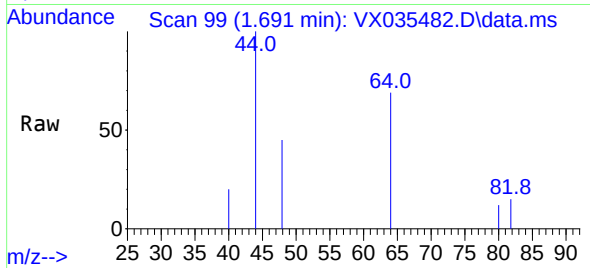




#6
Chloroethane
Concen: 0.219 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

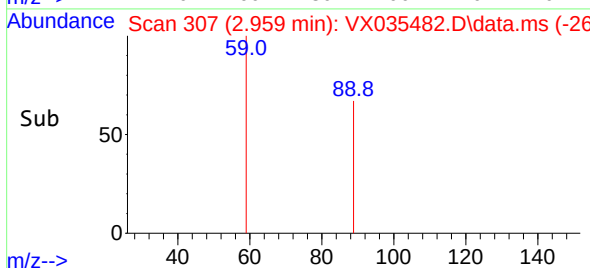
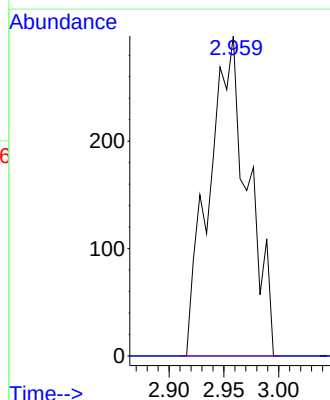
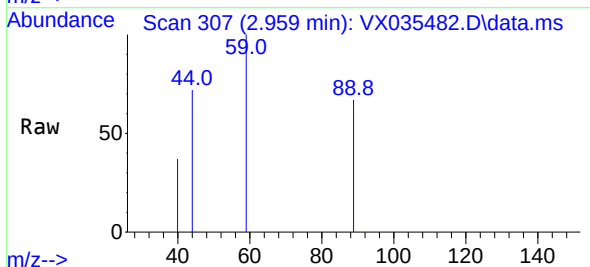
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ClientSampleId :
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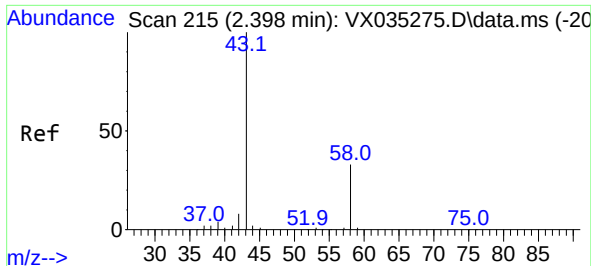
Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.484 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.066 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion: 59 Resp: 737
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

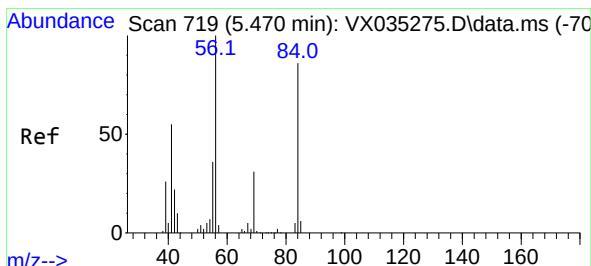
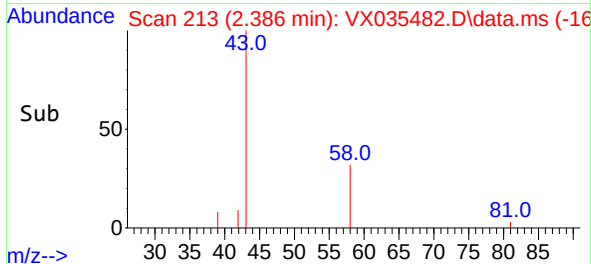
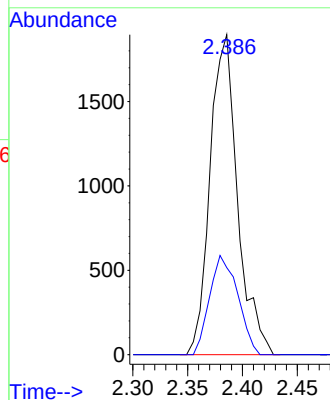
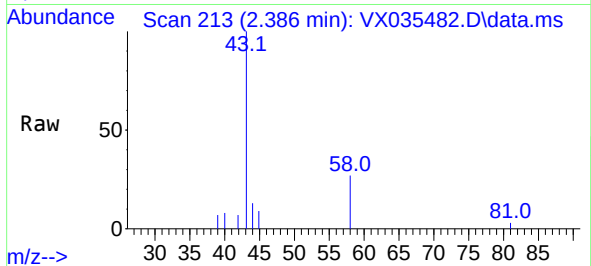




#16
Acetone
Concen: 2.796 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

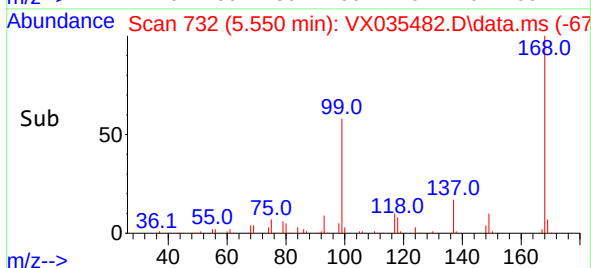
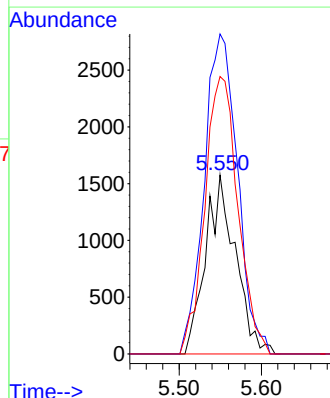
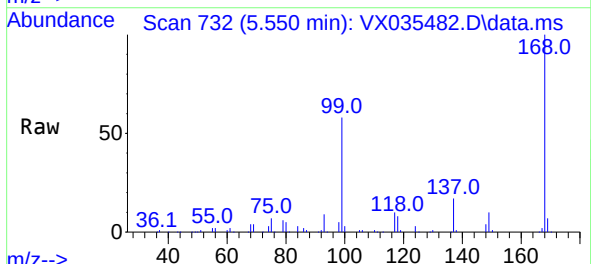
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ClientSampleId : GMW-7

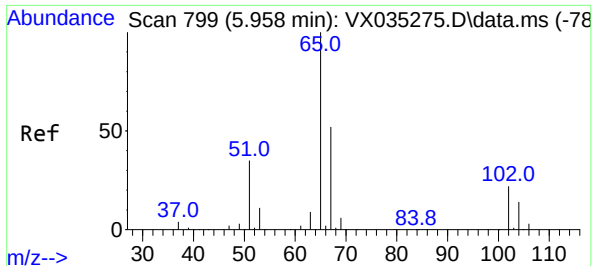
Tgt Ion: 43 Resp: 3311
Ion Ratio Lower Upper
43 100
58 27.2 24.7 37.1



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion: 56 Resp: 3986
Ion Ratio Lower Upper
56 100
69 178.9 23.7 35.5#
84 155.1 68.5 102.7#

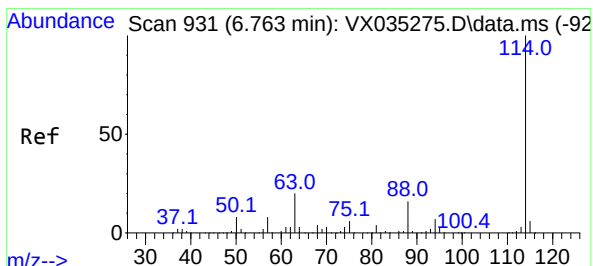
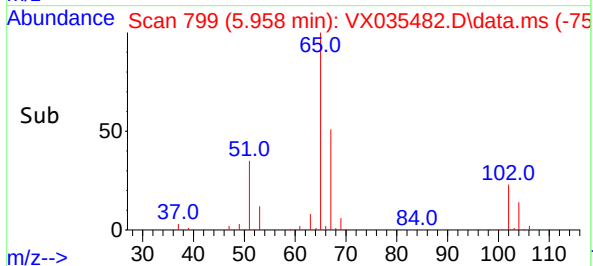
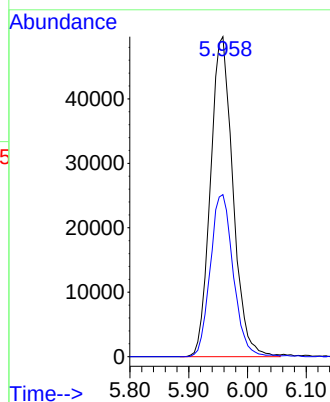
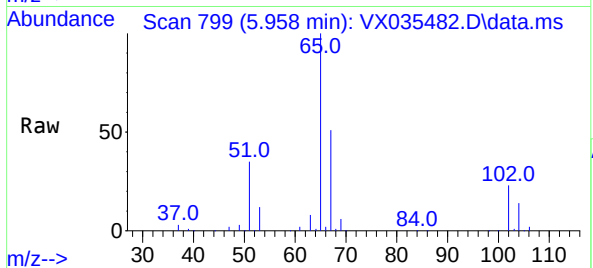




#33
1,2-Dichloroethane-d4
Concen: 48.362 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

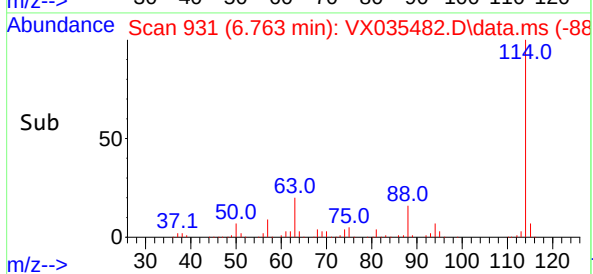
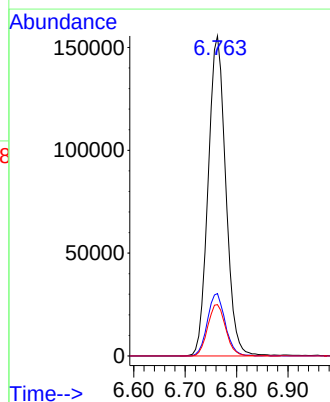
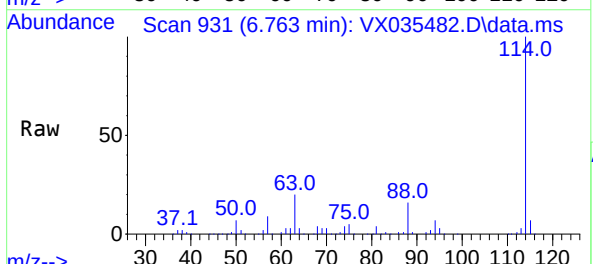
Instrument :
MSVOA_X
ClientSampleId :
GMW-7

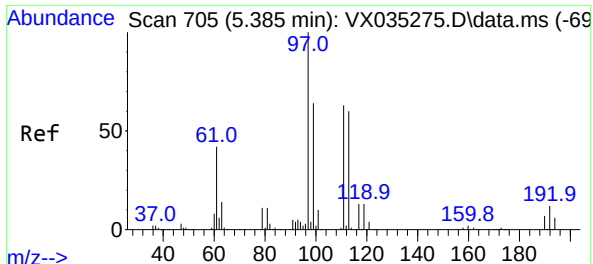
Tgt Ion: 65 Resp: 131873
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion: 114 Resp: 369917
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 16.0 0.0 33.2

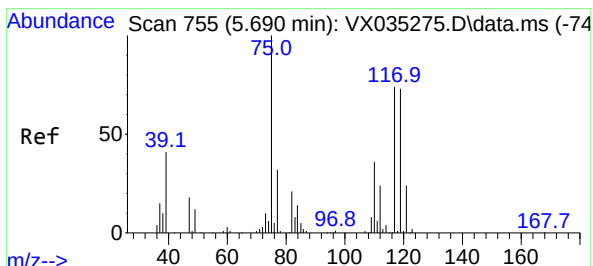
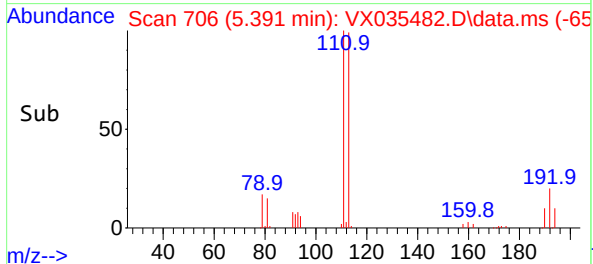
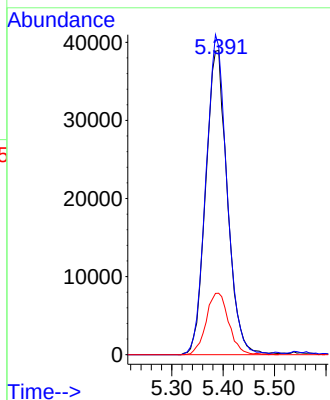
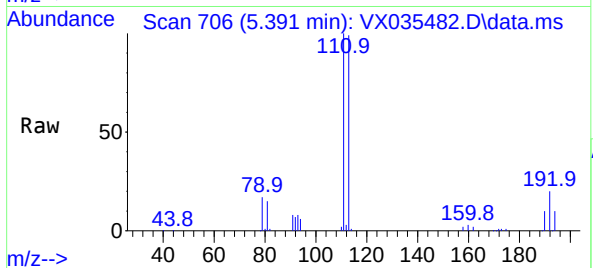




#35
Dibromofluoromethane
Concen: 50.247 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

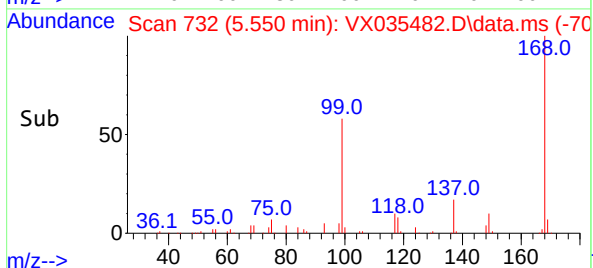
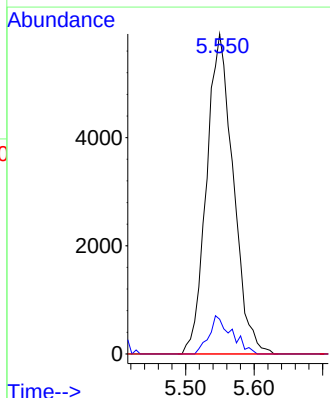
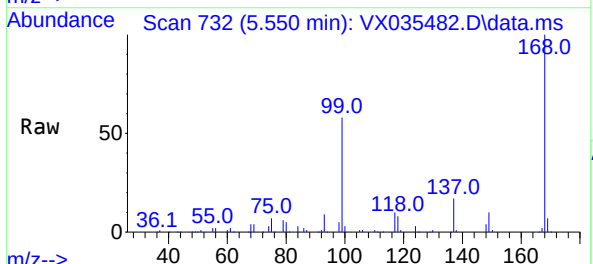
Instrument :
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ClientSampleId :
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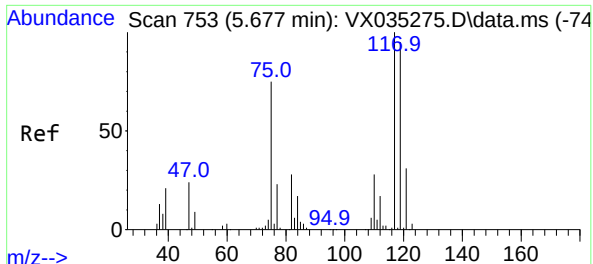
Tgt Ion:113 Resp: 114084
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 21.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion: 75 Resp: 15998
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#

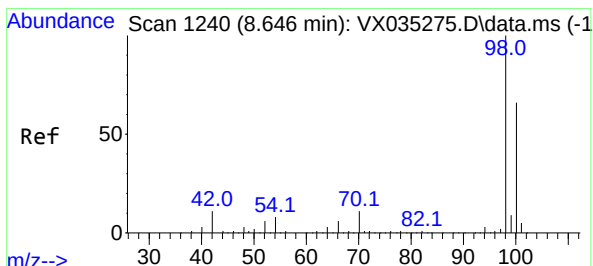
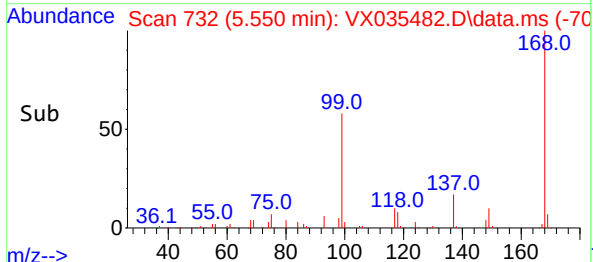
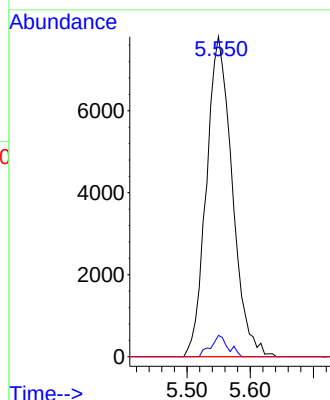
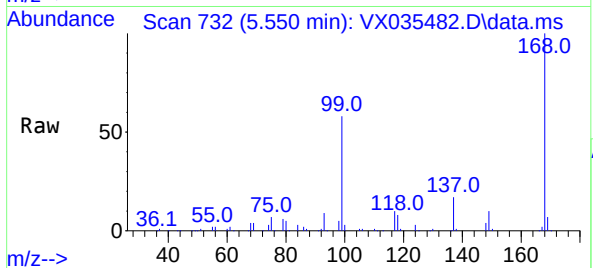




#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

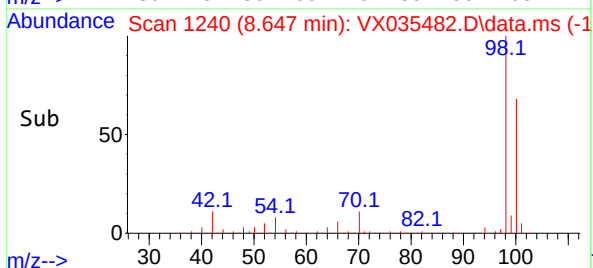
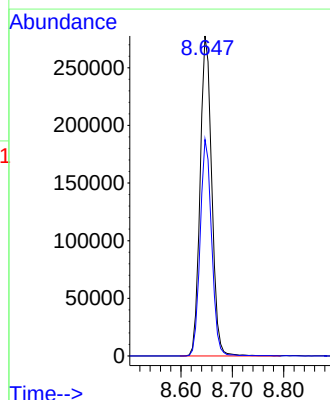
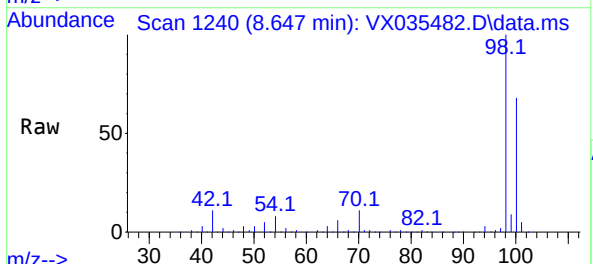
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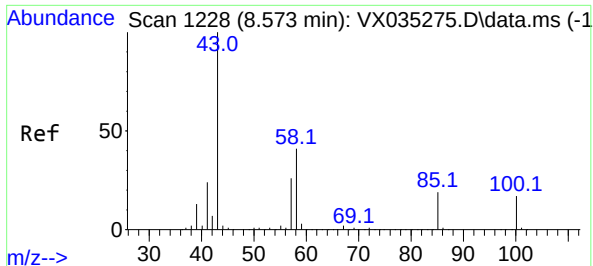
Tgt Ion:117 Resp: 22134
Ion Ratio Lower Upper
117 100
119 6.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.883 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion: 98 Resp: 435805
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.556 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX035482.D

Acq: 02 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

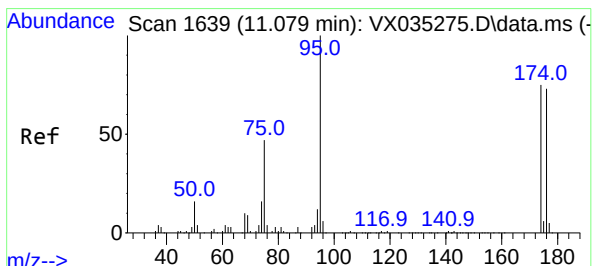
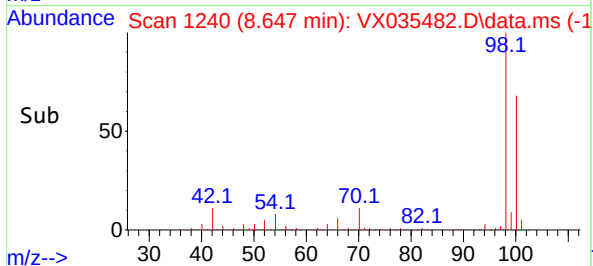
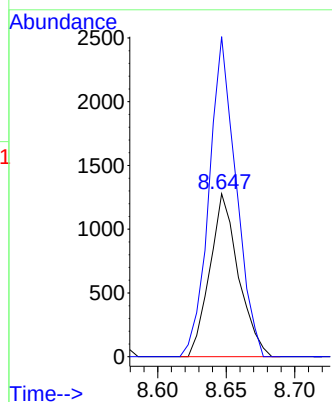
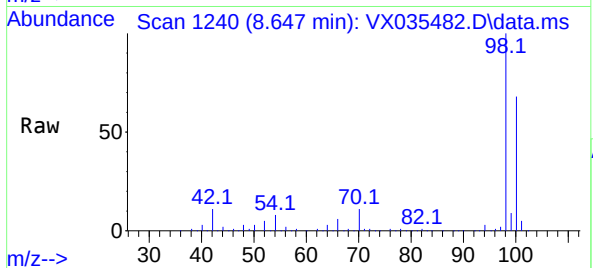
GMW-7

Tgt Ion: 43 Resp: 1858

Ion Ratio Lower Upper

43 100

58 185.4 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 51.424 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035482.D

Acq: 02 May 2023 16:22

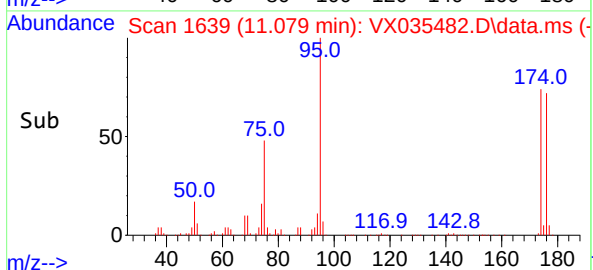
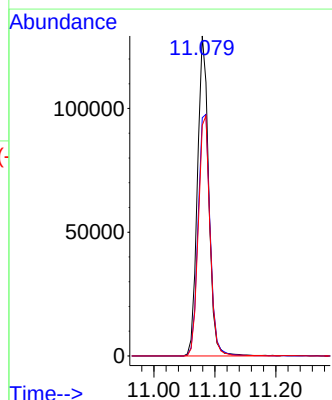
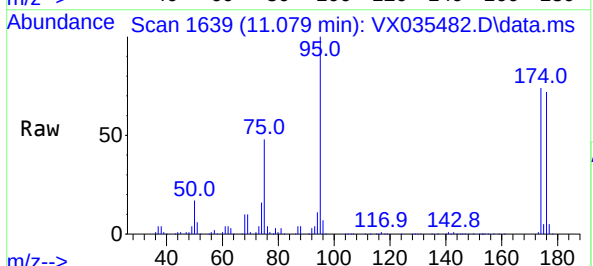
Tgt Ion: 95 Resp: 165685

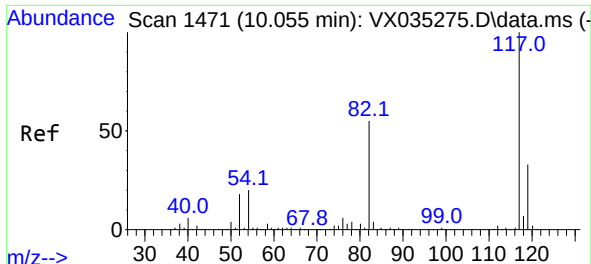
Ion Ratio Lower Upper

95 100

174 80.7 0.0 147.4

176 77.6 0.0 140.6

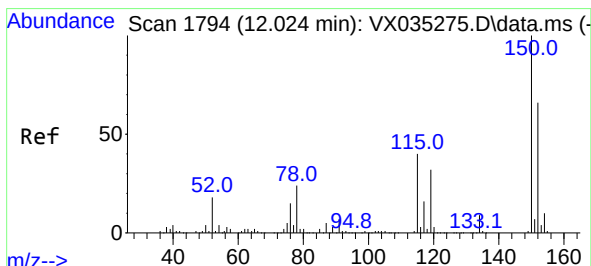
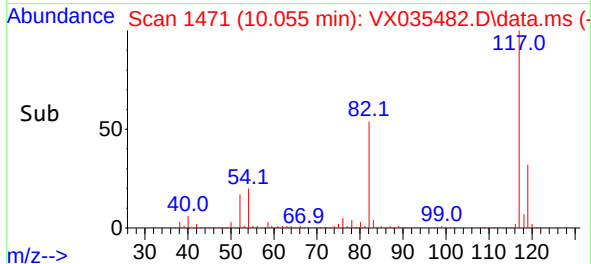
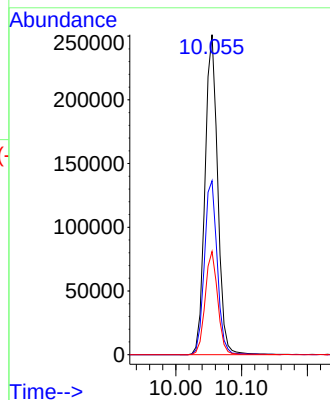
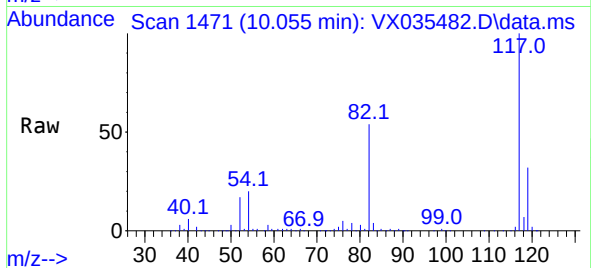




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

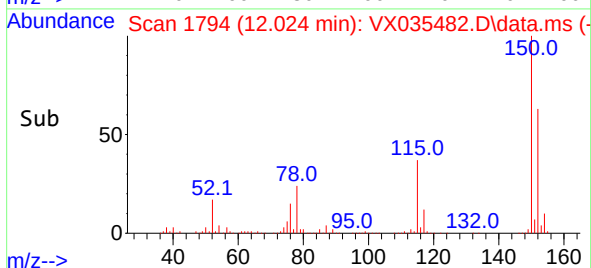
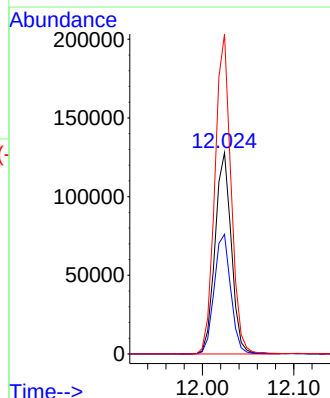
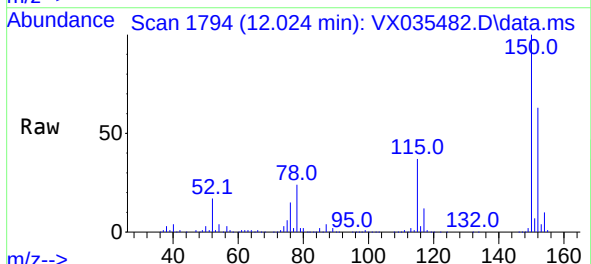
Instrument :
MSVOA_X
ClientSampleId :
GMW-7

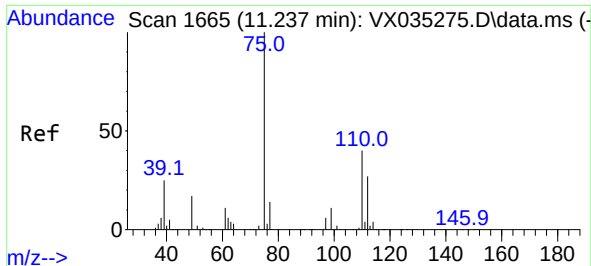
Tgt Ion:117 Resp: 336556
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion:152 Resp: 158095
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 157.7 0.0 352.4

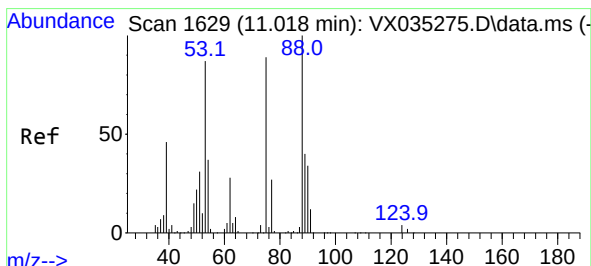
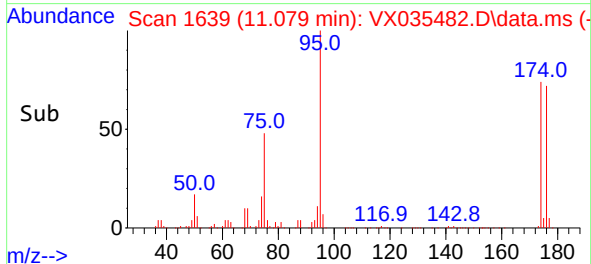
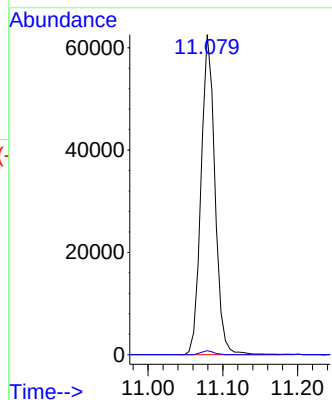
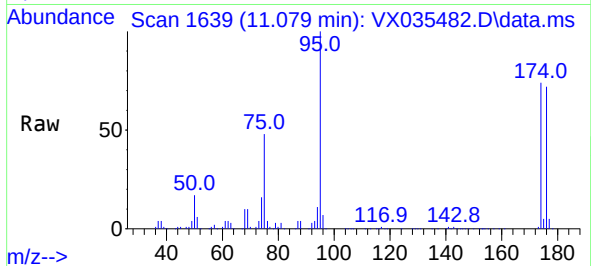




#76
1,2,3-Trichloropropane
Concen: 25.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Instrument :
MSVOA_X
ClientSampleId :
GMW-7

Tgt Ion: 75 Resp: 80621
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035482.D
Acq: 02 May 2023 16:22

Tgt Ion: 75 Resp: 80621
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

