

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036143.D
 Acq On : 13 Jun 2023 14:52
 Operator : JC/MD
 Sample : 03178-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 14 00:55:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

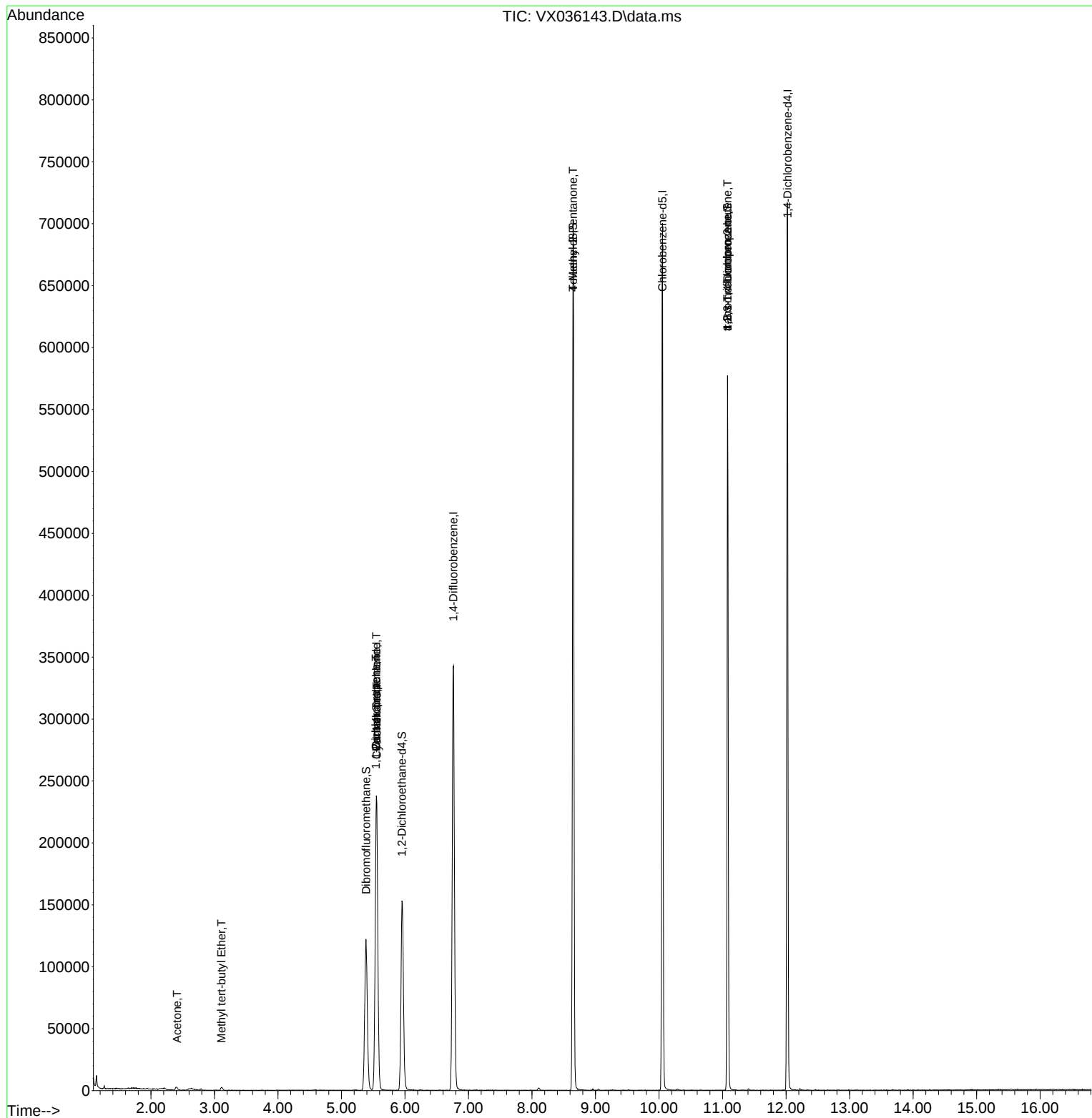
Internal Standards						
1) Pentafluorobenzene	5.550	168	197299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	327806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159382	49.747	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.500%
35) Dibromofluoromethane	5.385	113	103135	46.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.647	98	386185	48.804	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	153797	49.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.480%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	3705	2.803	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	2330	0.301	ug/l	96
31) Cyclohexane	5.556	56	5457	1.627	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	19298	6.565	ug/l #	52
38) Carbon Tetrachloride	5.550	117	23647	8.254	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1996	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84438	27.955	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	84438	94.162	ug/l #	3

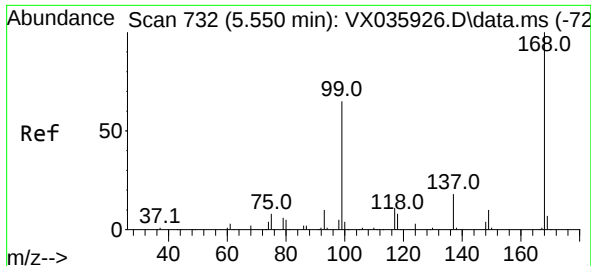
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

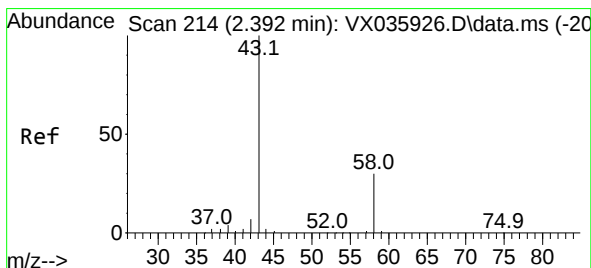
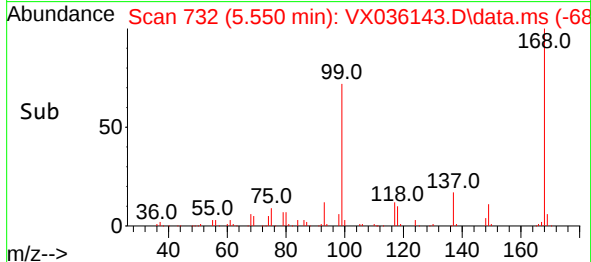
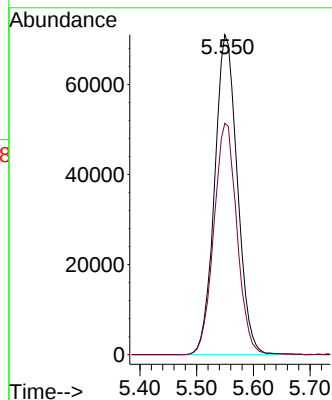
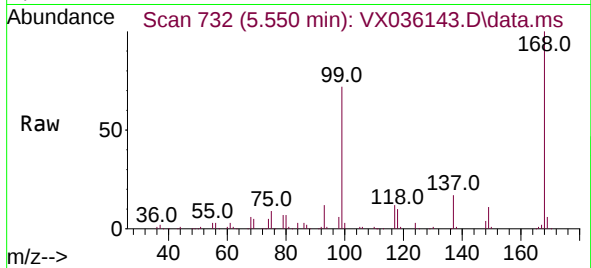




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

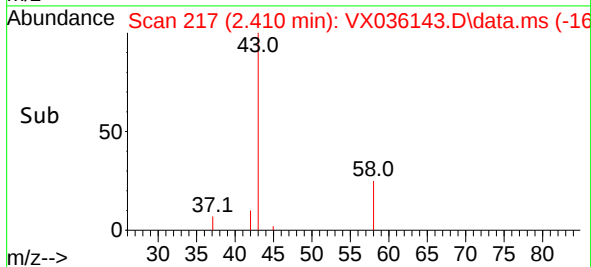
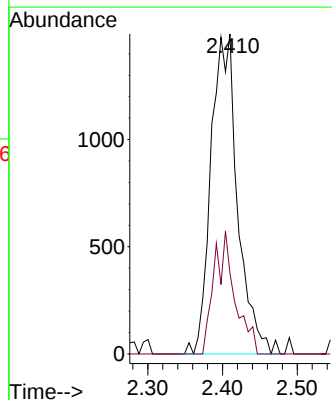
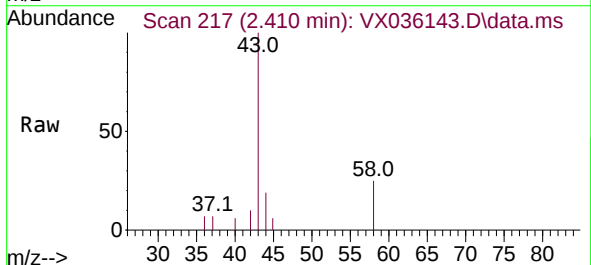
Instrument :
MSVOA_X
ClientSampleId :
MW-1

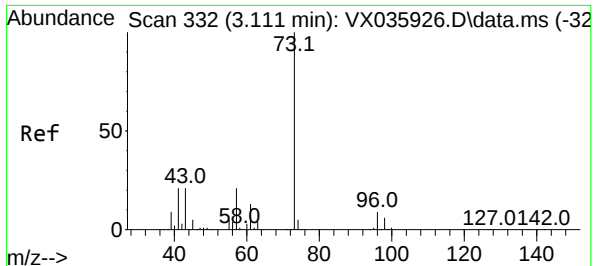
Tgt Ion:168 Resp: 197299
Ion Ratio Lower Upper
168 100
99 72.3 57.0 85.6



#16
Acetone
Concen: 2.803 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.019 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

Tgt Ion: 43 Resp: 3705
Ion Ratio Lower Upper
43 100
58 25.2 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 0.301 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX036143.D

Acq: 13 Jun 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

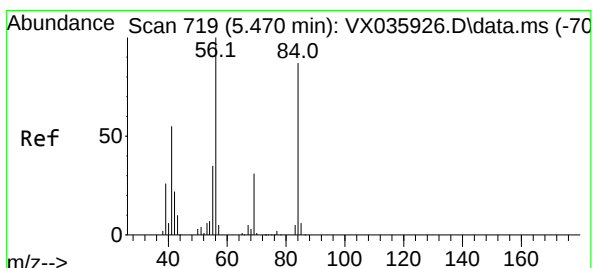
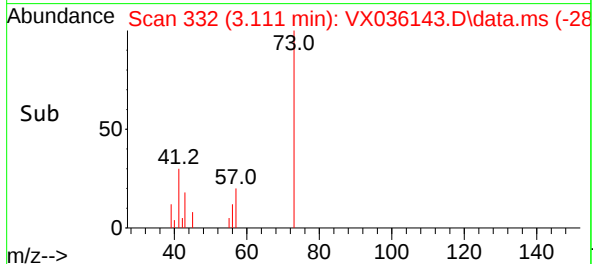
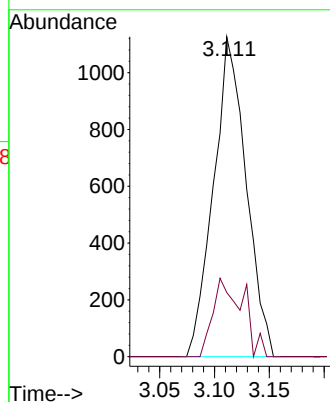
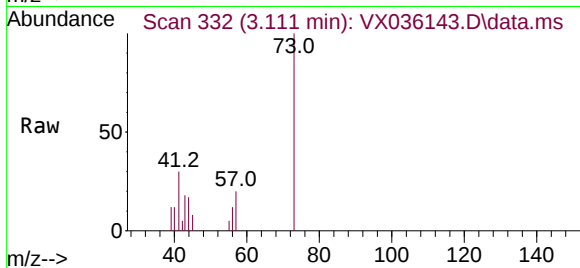
MW-1

Tgt Ion: 73 Resp: 2330

Ion Ratio Lower Upper

73 100

57 20.1 17.6 26.4



#31

Cyclohexane

Concen: 1.627 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX036143.D

Acq: 13 Jun 2023 14:52

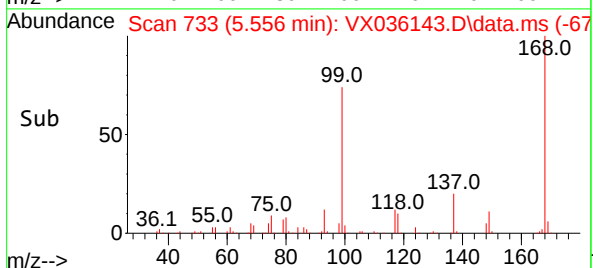
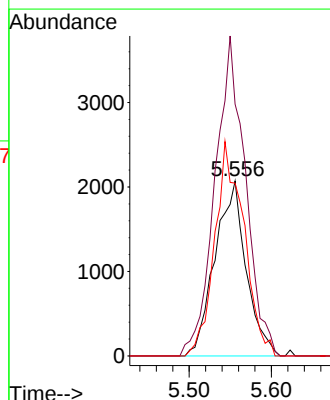
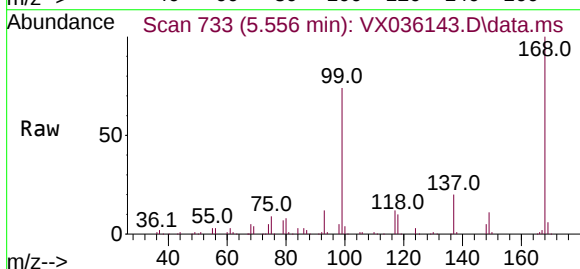
Tgt Ion: 56 Resp: 5457

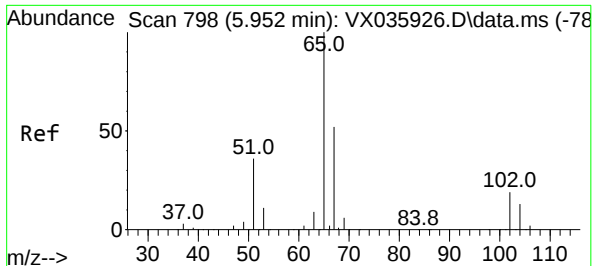
Ion Ratio Lower Upper

56 100

69 144.1 25.9 38.9#

84 98.8 67.6 101.4





#33

1,2-Dichloroethane-d4

Concen: 49.747 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036143.D

Acq: 13 Jun 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

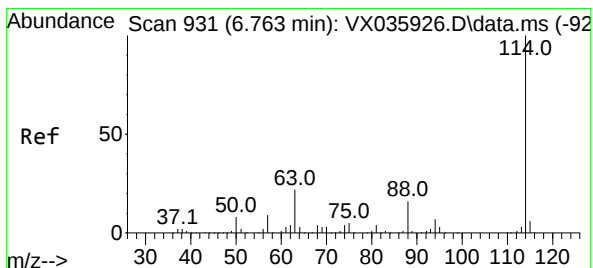
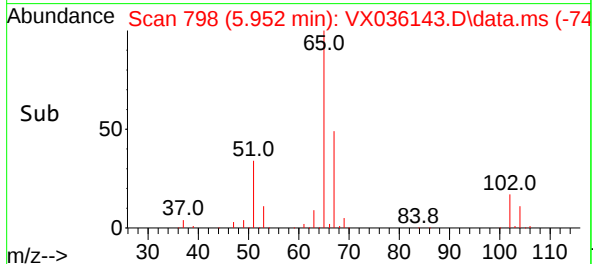
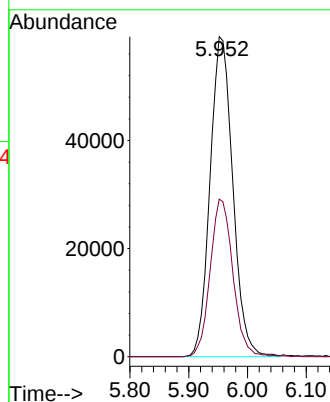
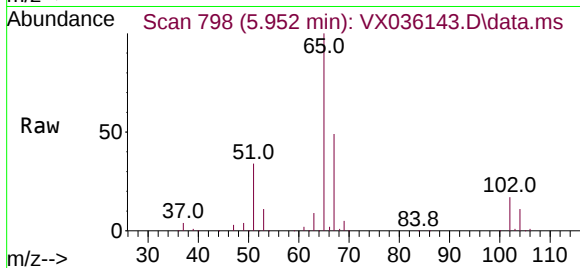
MW-1

Tgt Ion: 65 Resp: 159382

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036143.D

Acq: 13 Jun 2023 14:52

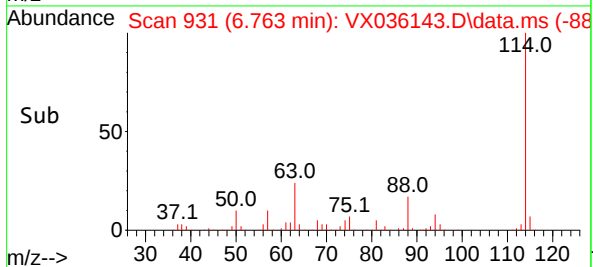
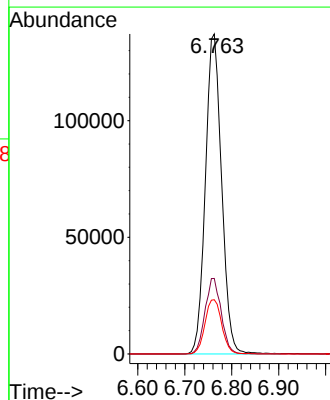
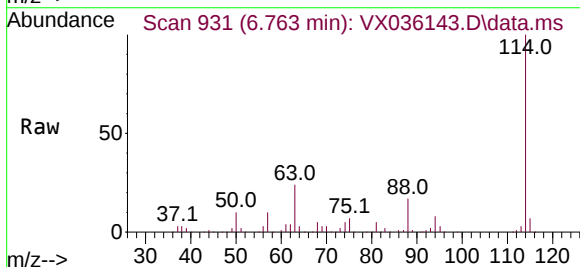
Tgt Ion: 114 Resp: 327806

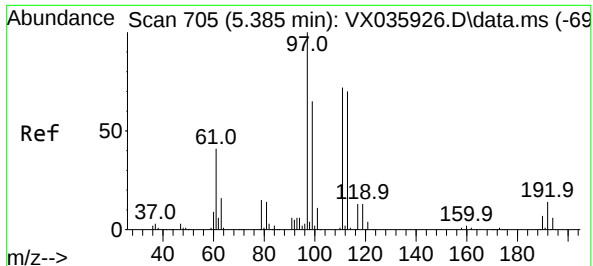
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.0

88 17.0 0.0 35.2

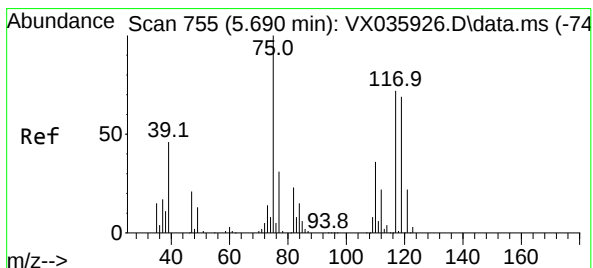
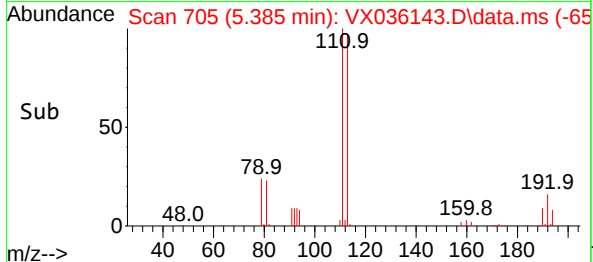
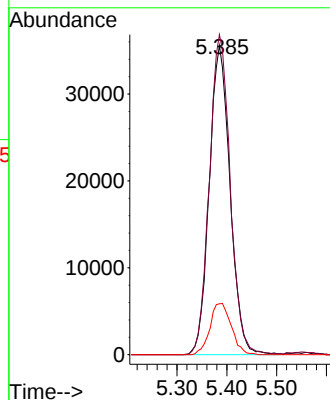
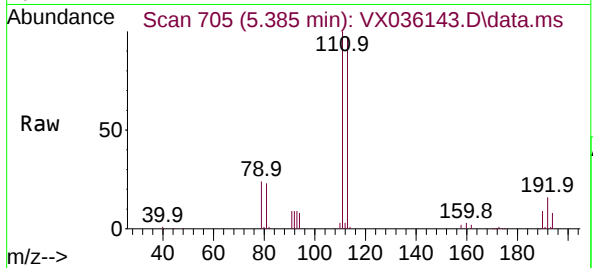




#35
Dibromofluoromethane
Concen: 46.777 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

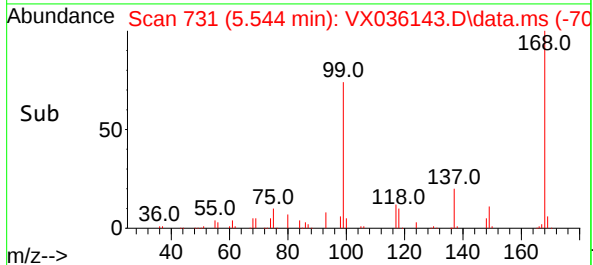
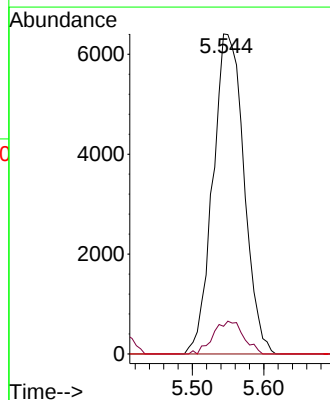
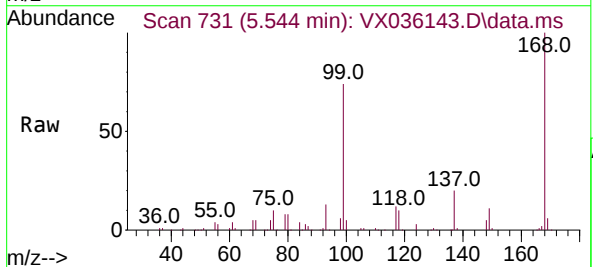
Instrument :
MSVOA_X
ClientSampleId :
MW-1

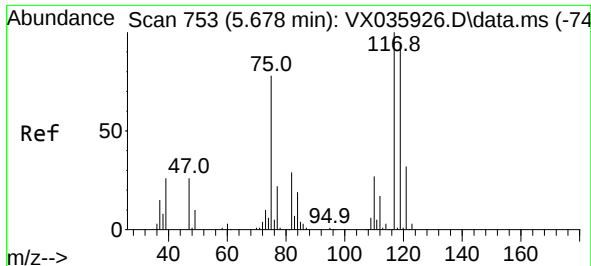
Tgt Ion:113 Resp: 103135
Ion Ratio Lower Upper
113 100
111 103.8 81.7 122.5
192 17.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.565 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

Tgt Ion: 75 Resp: 19298
Ion Ratio Lower Upper
75 100
110 10.0 16.6 49.7#
77 0.0 24.4 36.6#

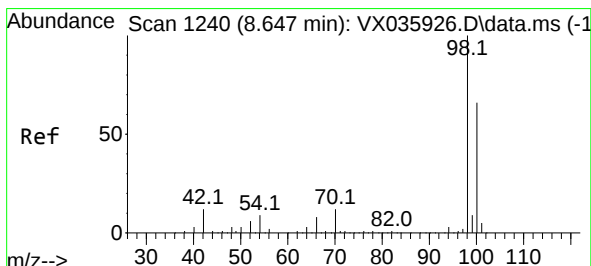
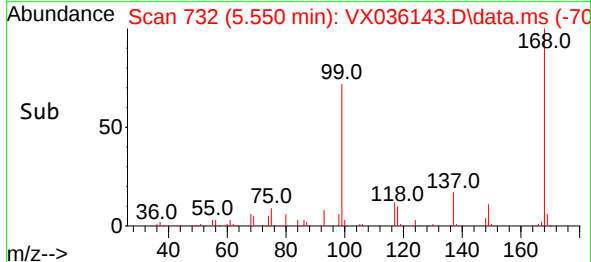
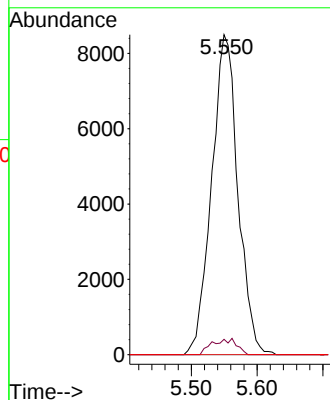
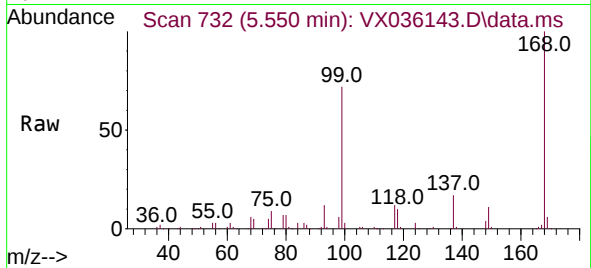




#38
Carbon Tetrachloride
Concen: 8.254 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

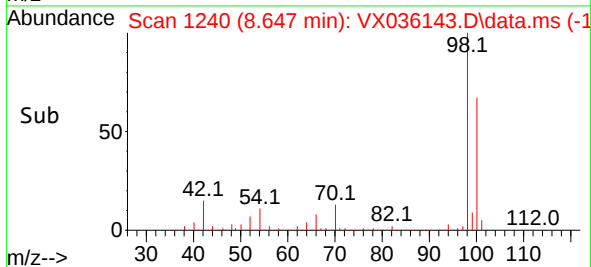
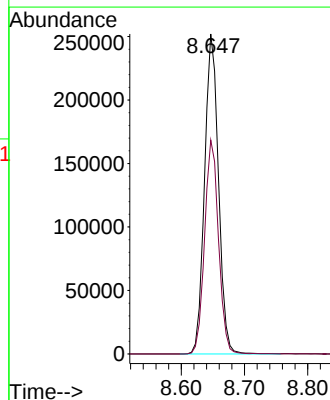
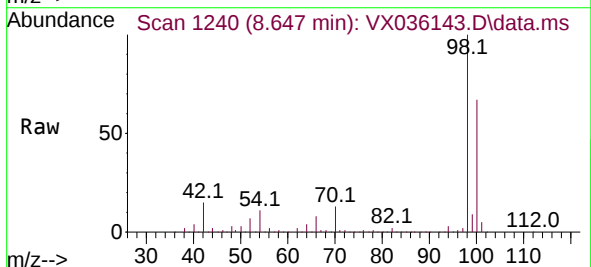
Instrument :
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ClientSampleId :
MW-1

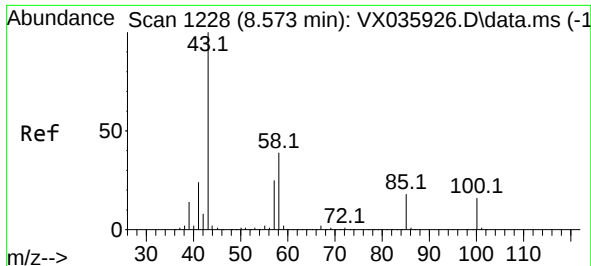
Tgt Ion:117 Resp: 23647
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.804 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

Tgt Ion: 98 Resp: 386185
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.0

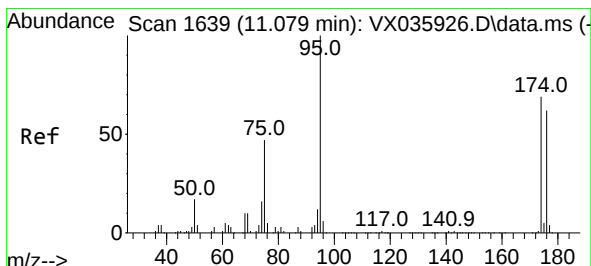
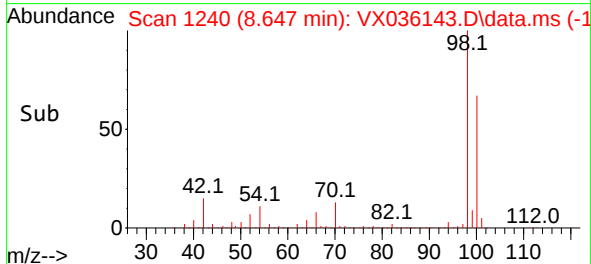
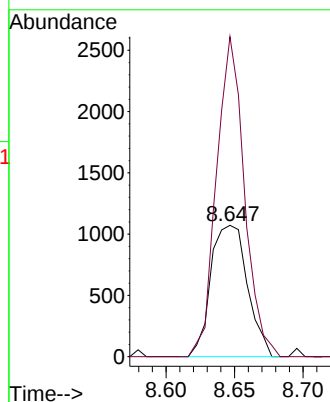
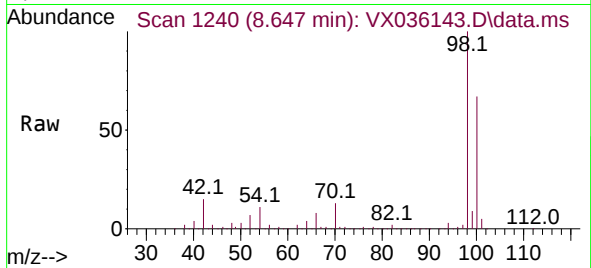




#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

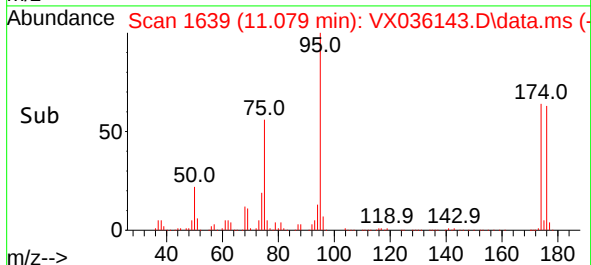
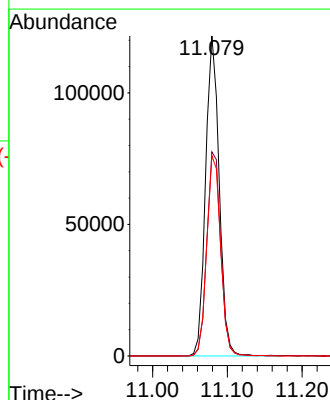
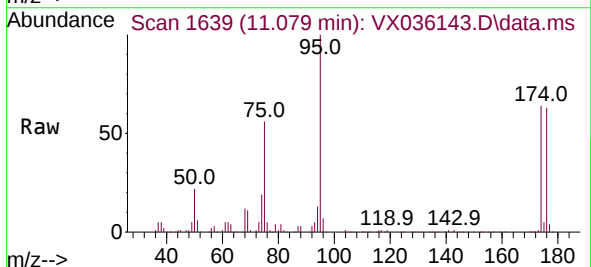
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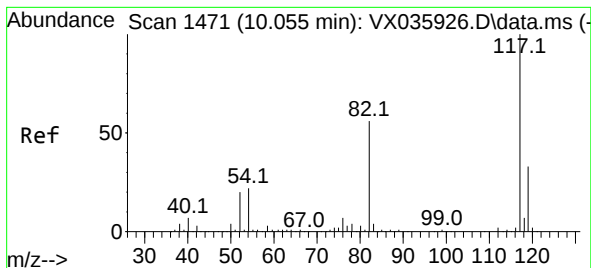
Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
58 185.6 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 49.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

Tgt Ion: 95 Resp: 153797
Ion Ratio Lower Upper
95 100
174 65.1 0.0 132.6
176 63.9 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036143.D

Acq: 13 Jun 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-1

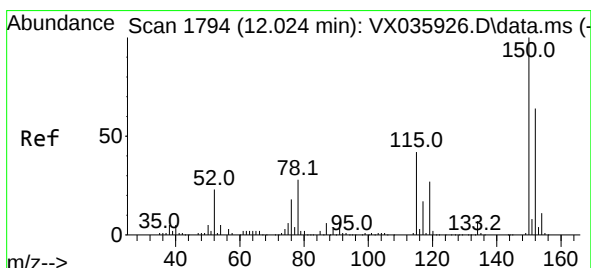
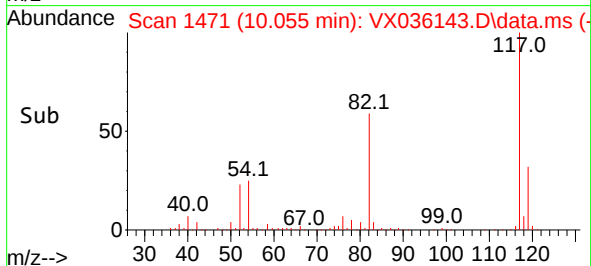
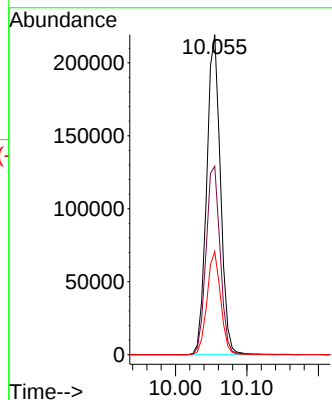
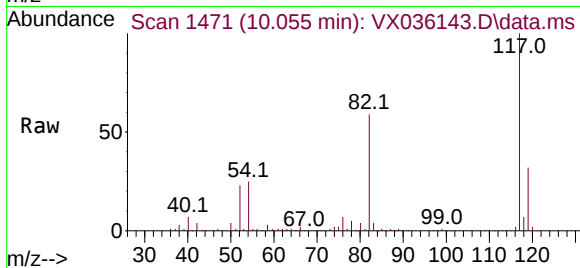
Tgt Ion:117 Resp: 294152

Ion Ratio Lower Upper

117 100

82 58.9 46.6 69.8

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036143.D

Acq: 13 Jun 2023 14:52

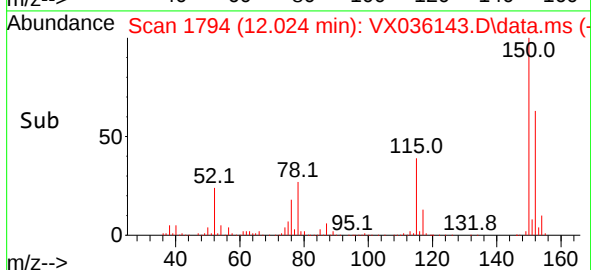
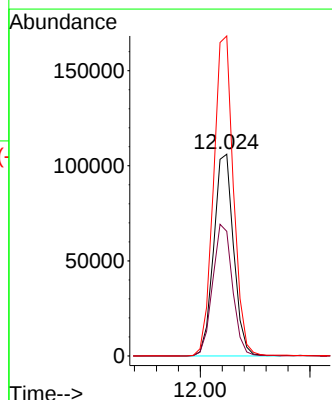
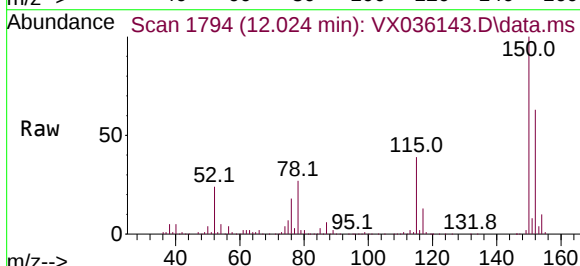
Tgt Ion:152 Resp: 133919

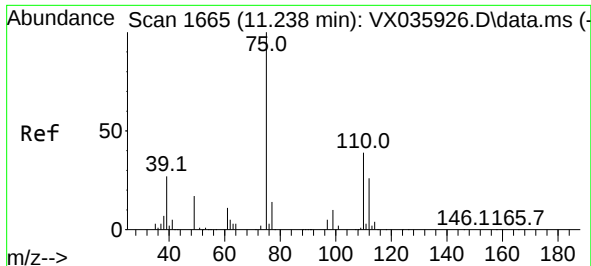
Ion Ratio Lower Upper

152 100

115 65.1 45.5 136.5

150 159.0 0.0 345.2

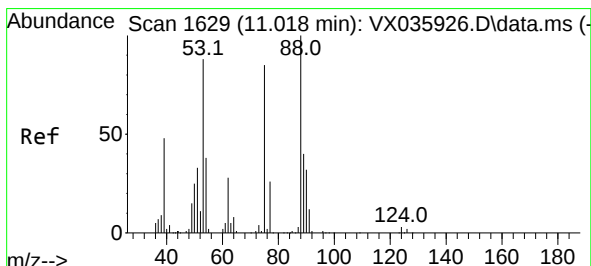
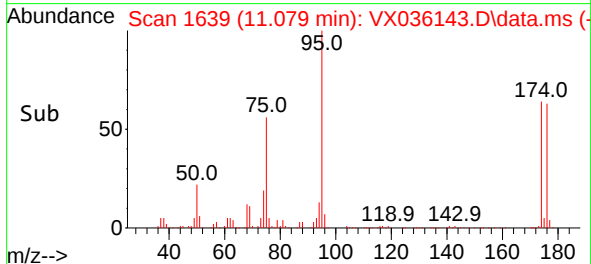
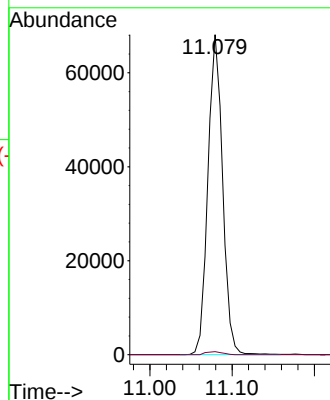
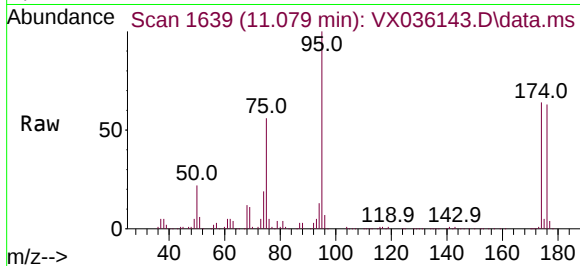




#76
1,2,3-Trichloropropane
Concen: 27.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 75 Resp: 84438
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036143.D
Acq: 13 Jun 2023 14:52

Tgt Ion: 75 Resp: 84438
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

