

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036145.D
 Acq On : 13 Jun 2023 15:39
 Operator : JC/MD
 Sample : 03178-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 14 00:55:43 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)

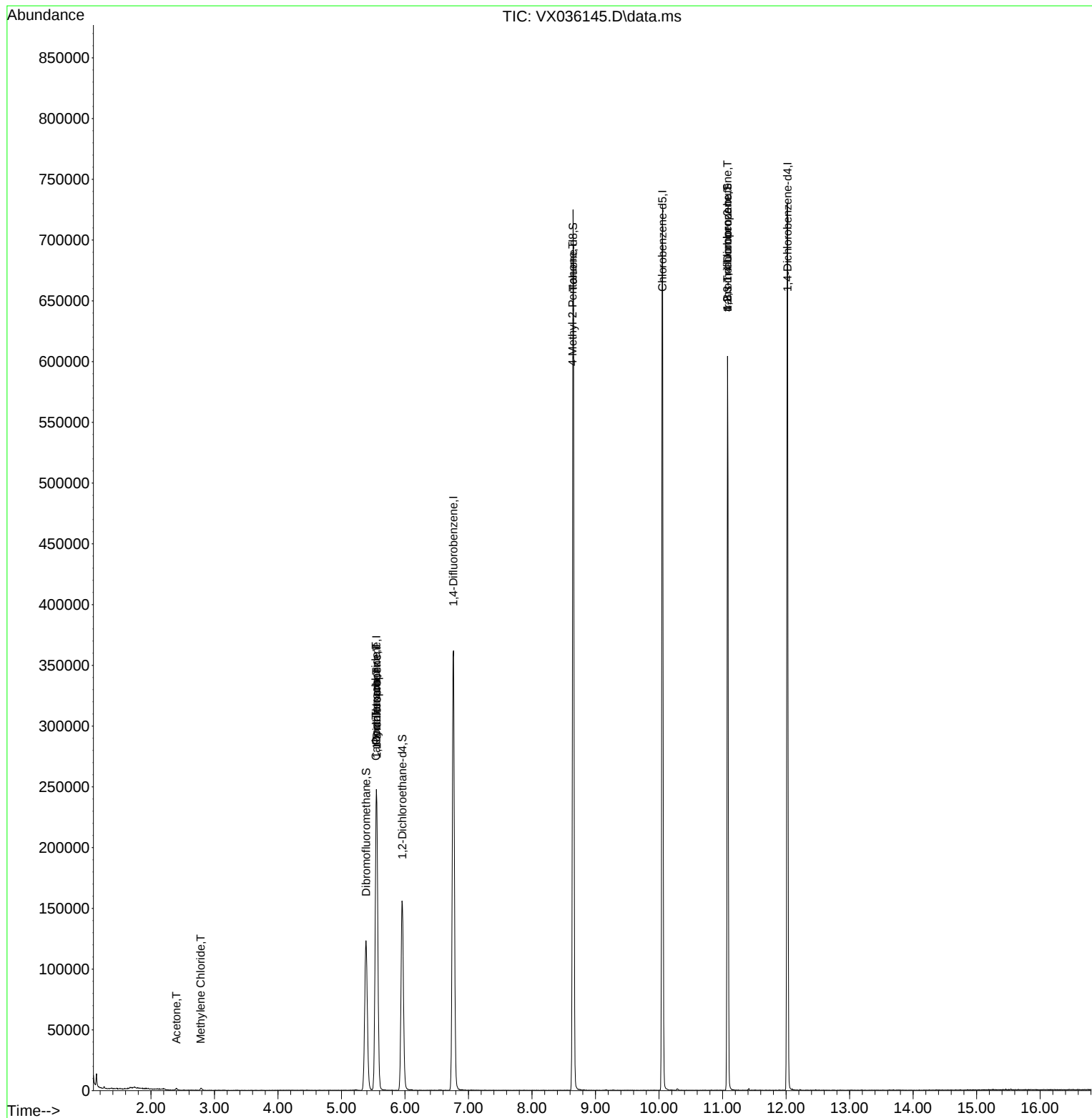
Internal Standards						
1) Pentafluorobenzene	5.550	168	211140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160586	46.837	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.680%
35) Dibromofluoromethane	5.385	113	106794	45.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	415331	49.494	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	158756	47.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1908	1.349	ug/l #	79
20) Methylene Chloride	2.782	84	909	0.334	ug/l #	84
31) Cyclohexane	5.550	56	5612	1.563	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	20262	6.499	ug/l #	46
38) Carbon Tetrachloride	5.544	117	24576	8.089	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	2182	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88157	28.150	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88157	94.819	ug/l #	3

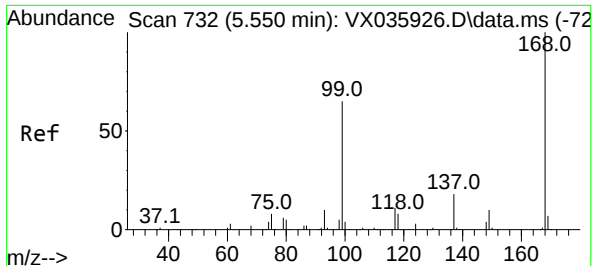
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

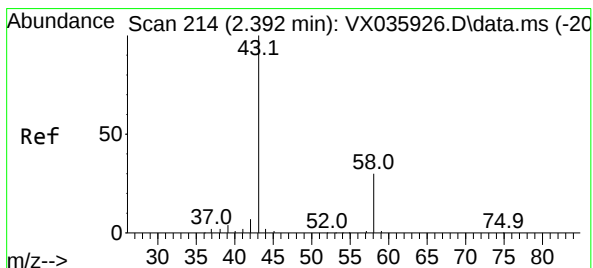
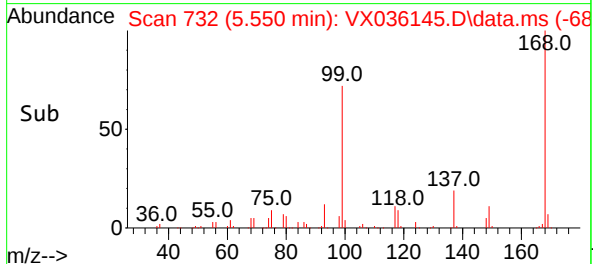
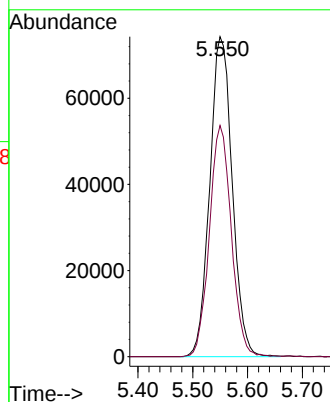
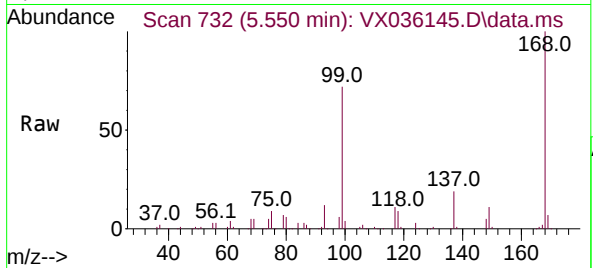




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

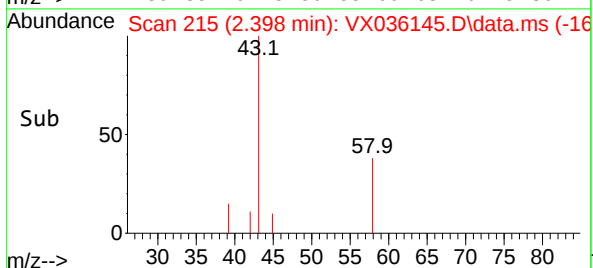
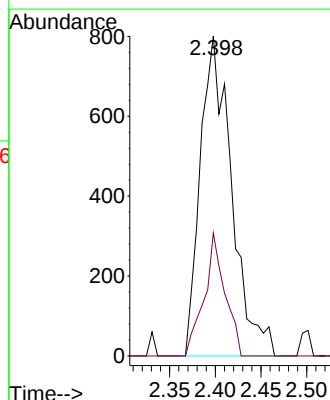
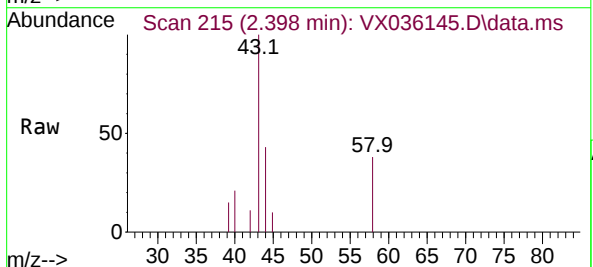
Instrument :
MSVOA_X
ClientSampleId :
MW-2

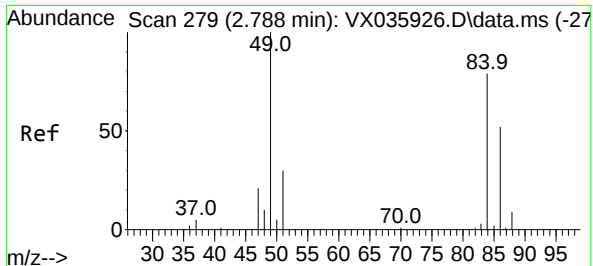
Tgt Ion:168 Resp: 211140
Ion Ratio Lower Upper
168 100
99 72.3 57.0 85.6



#16
Acetone
Concen: 1.349 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

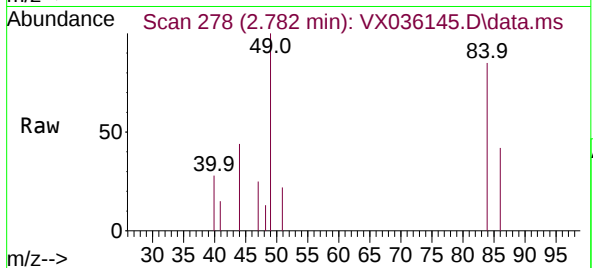
Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 38.5 22.2 33.2#



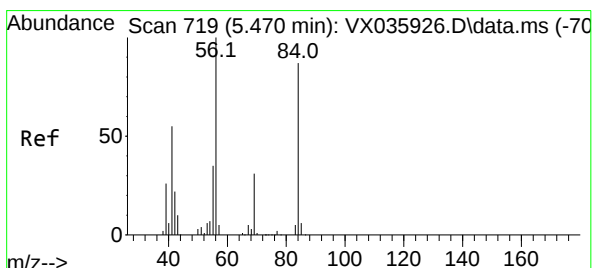
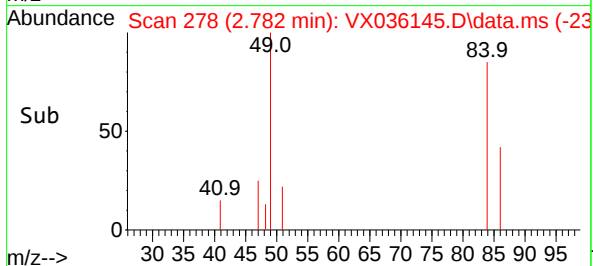
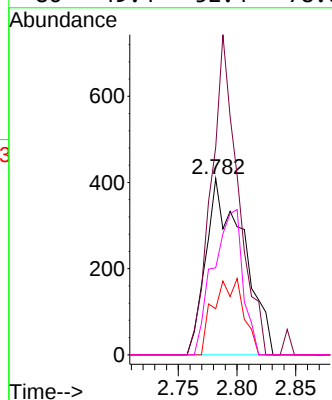


#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

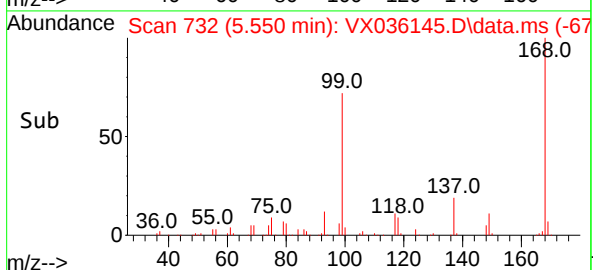
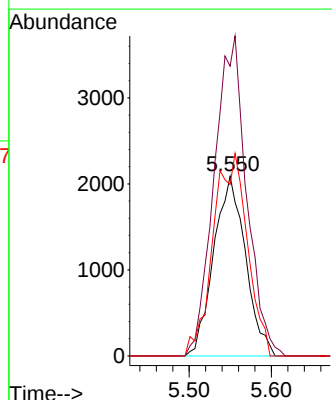
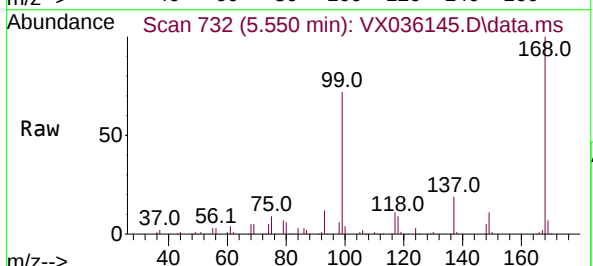


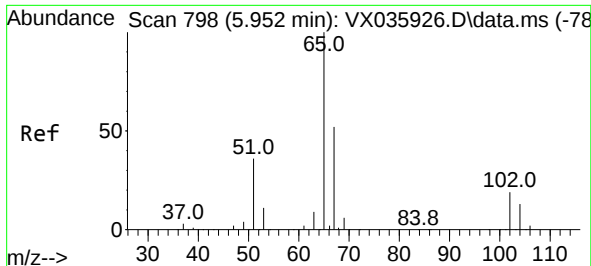
Tgt Ion:	84	Resp:	909
Ion	Ratio	Lower	Upper
84	100		
49	117.8	104.6	156.8
51	26.2	32.2	48.4#
86	49.4	52.4	78.6#



#31
Cyclohexane
Concen: 1.563 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

Tgt Ion:	56	Resp:	5612
Ion	Ratio	Lower	Upper
56	100		
69	161.4	25.9	38.9#
84	95.5	67.6	101.4

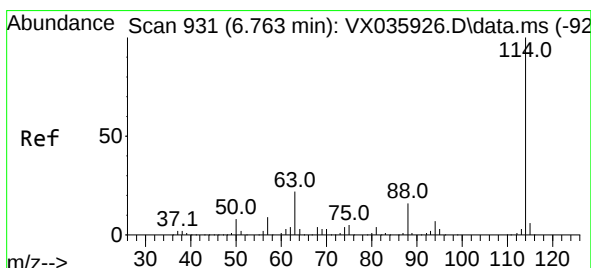
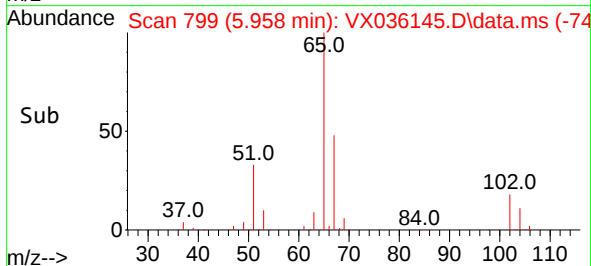
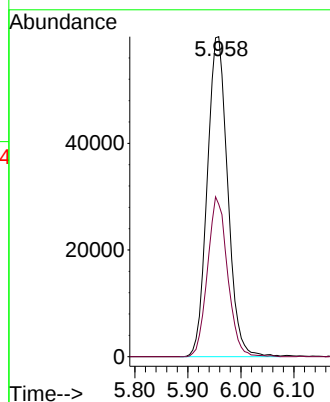
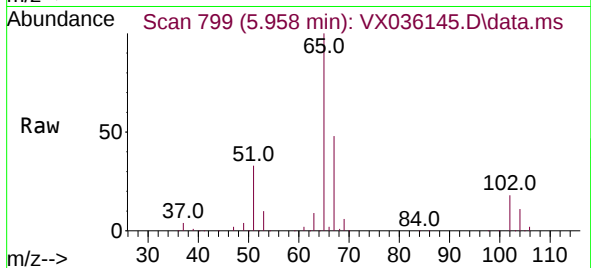




#33
 1,2-Dichloroethane-d4
 Concen: 46.837 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036145.D
 Acq: 13 Jun 2023 15:39

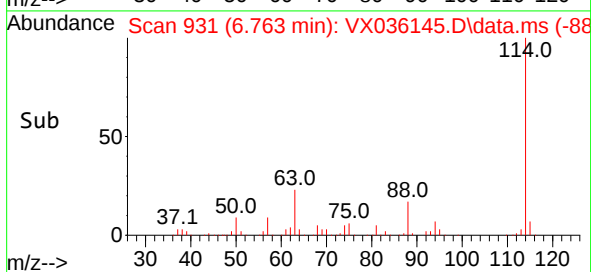
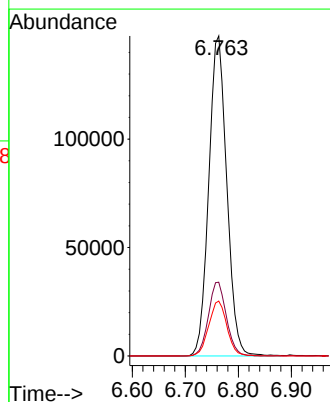
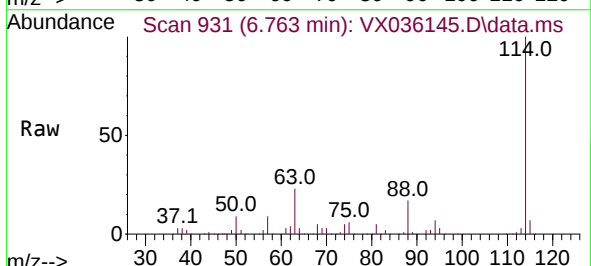
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

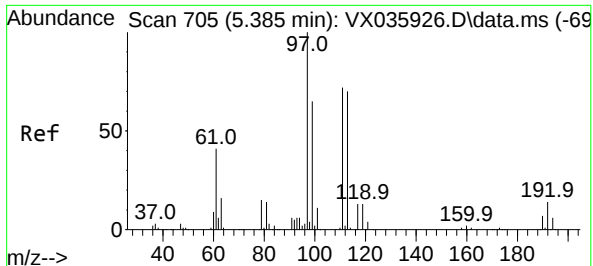
Tgt Ion: 65 Resp: 160586
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036145.D
 Acq: 13 Jun 2023 15:39

Tgt Ion: 114 Resp: 347634
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 17.1 0.0 35.2

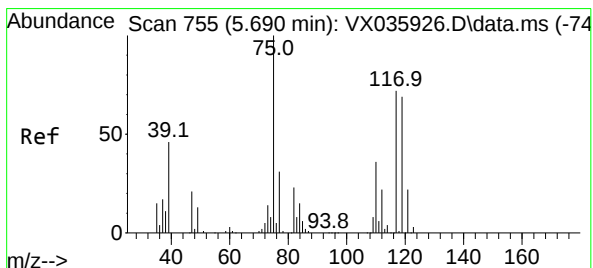
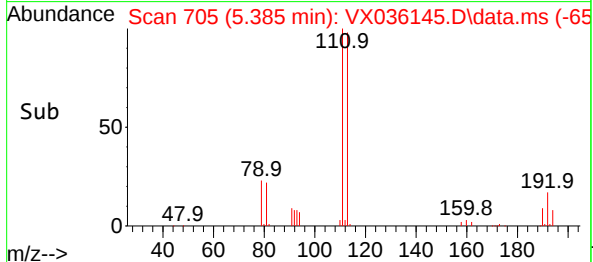
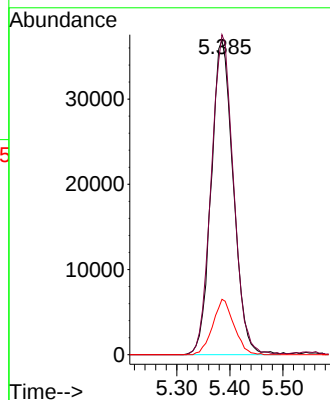
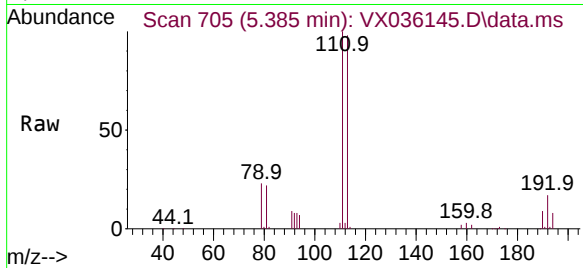




#35
Dibromofluoromethane
Concen: 45.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

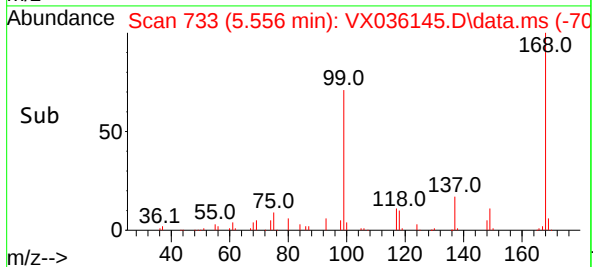
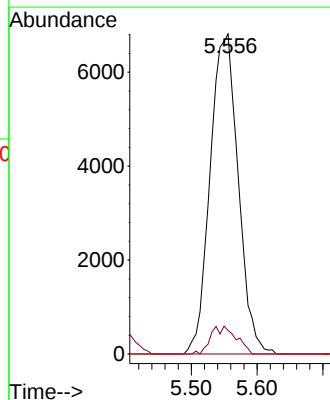
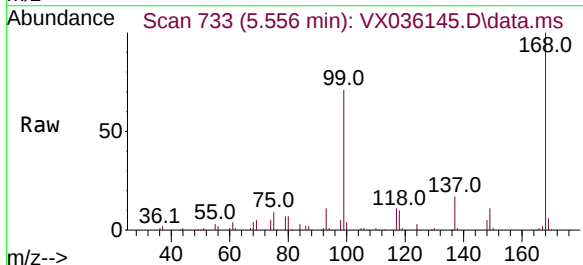
Instrument :
MSVOA_X
ClientSampleId :
MW-2

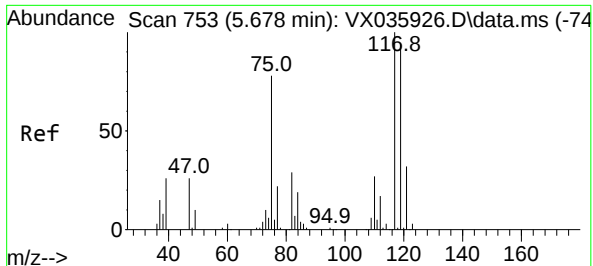
Tgt Ion:113 Resp: 106794
Ion Ratio Lower Upper
113 100
111 102.4 81.7 122.5
192 16.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.499 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

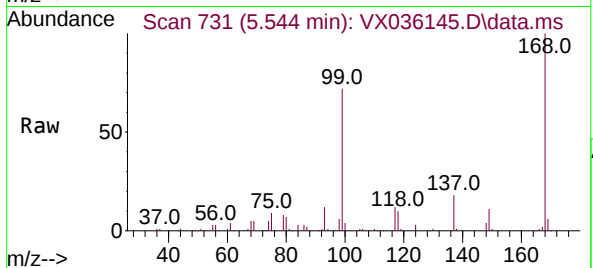
Tgt Ion: 75 Resp: 20262
Ion Ratio Lower Upper
75 100
110 3.4 16.6 49.7#
77 0.0 24.4 36.6#



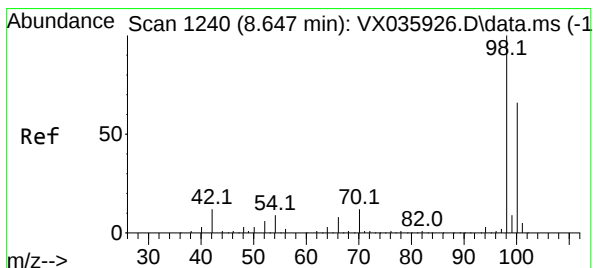
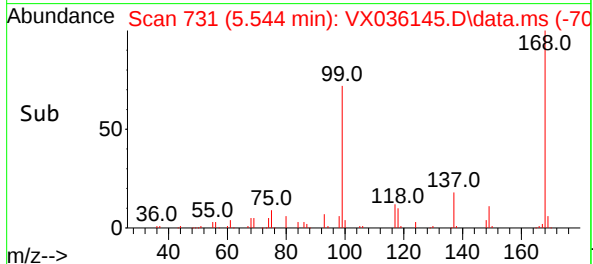
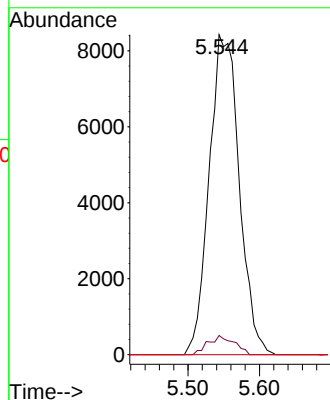


#38
Carbon Tetrachloride
Concen: 8.089 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

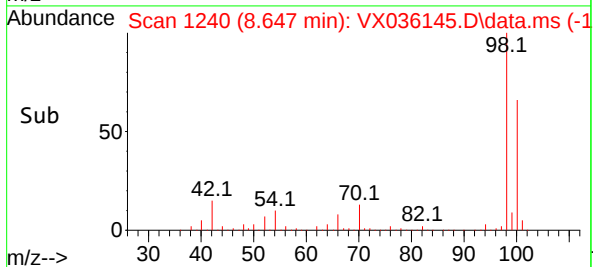
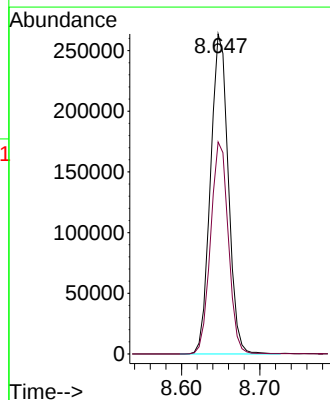
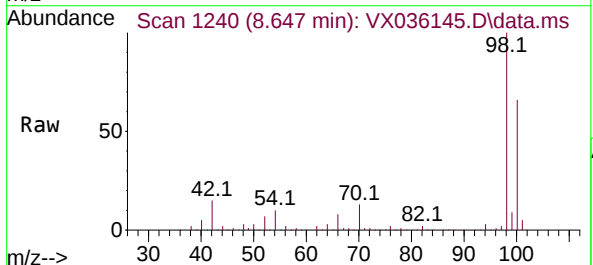


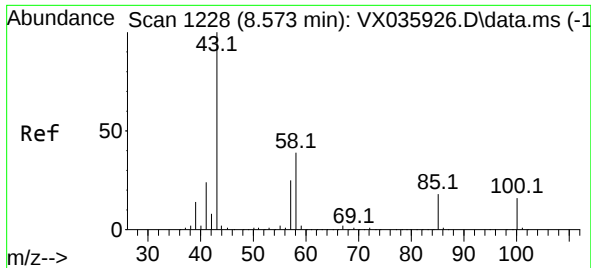
Tgt Ion:117 Resp: 24576
Ion Ratio Lower Upper
117 100
119 6.0 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.494 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

Tgt Ion: 98 Resp: 415331
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0

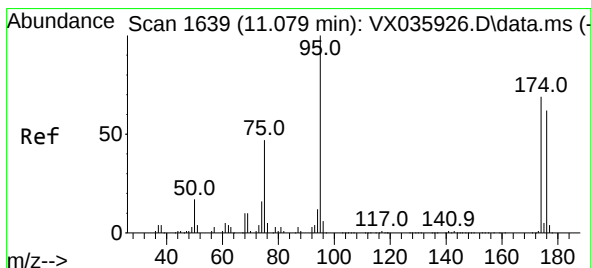
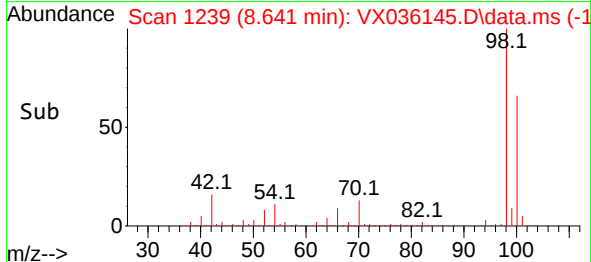
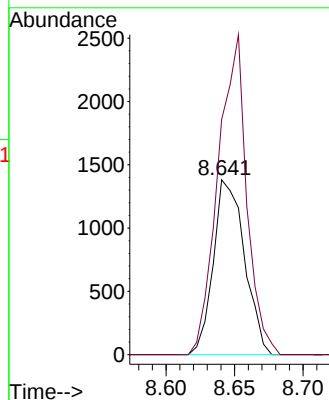
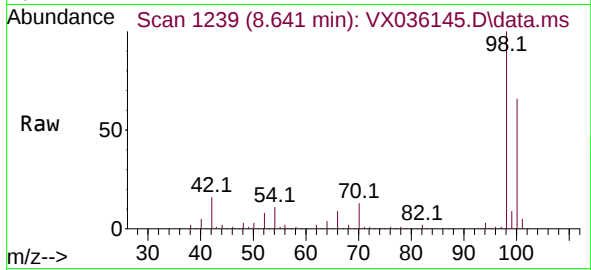




#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.068 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

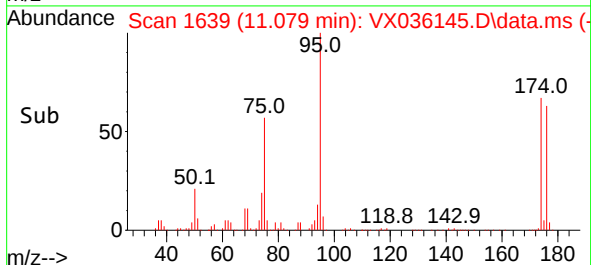
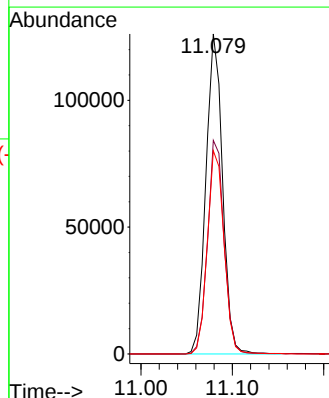
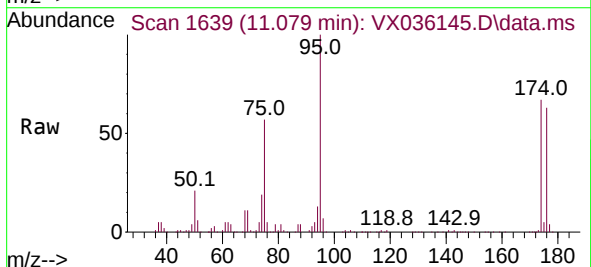
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MSVOA_X
ClientSampleId :
MW-2

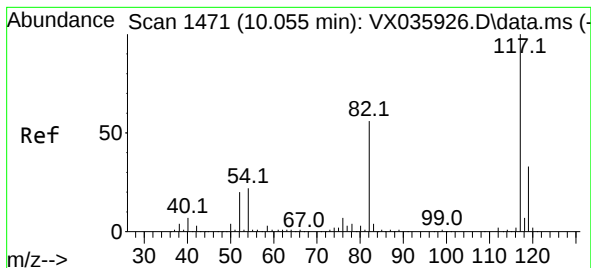
Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 168.8 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 47.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

Tgt Ion: 95 Resp: 158756
Ion Ratio Lower Upper
95 100
174 66.3 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: VX036145.D

Acq: 13 Jun 2023 15:39

Instrument :

MSVOA_X

ClientSampleId :

MW-2

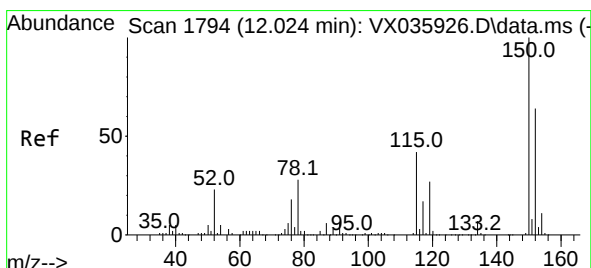
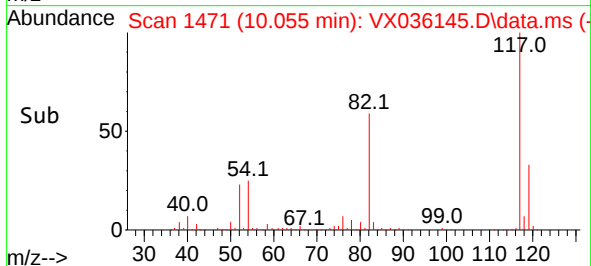
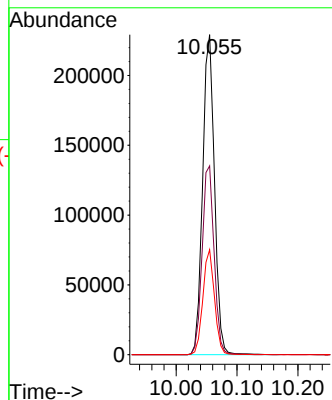
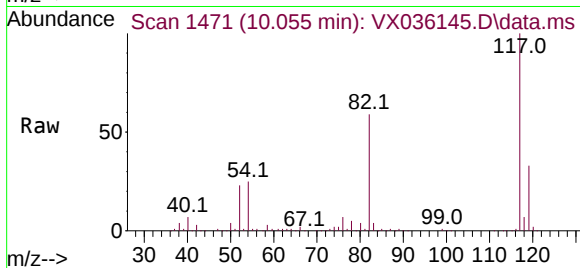
Tgt Ion:117 Resp: 310109

Ion Ratio Lower Upper

117 100

82 59.0 46.6 69.8

119 32.8 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: VX036145.D

Acq: 13 Jun 2023 15:39

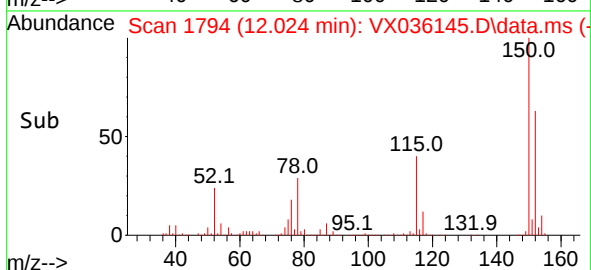
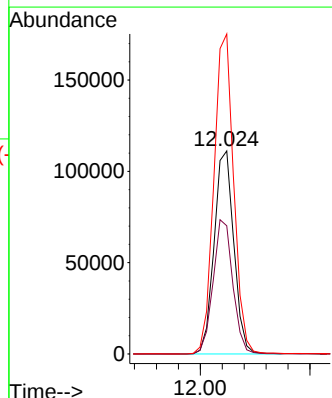
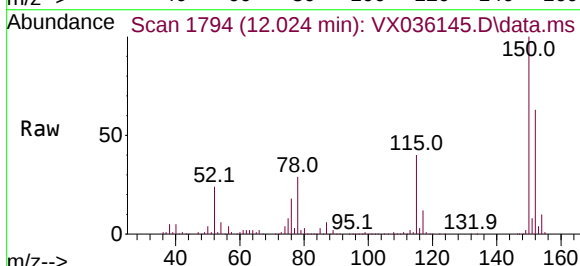
Tgt Ion:152 Resp: 138849

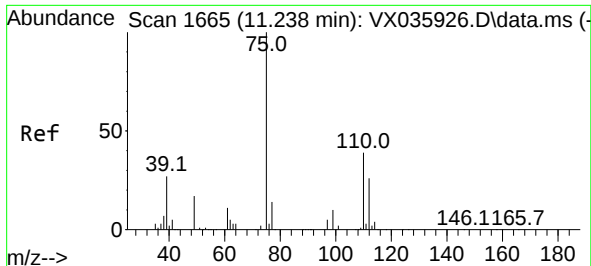
Ion Ratio Lower Upper

152 100

115 66.1 45.5 136.5

150 158.5 0.0 345.2

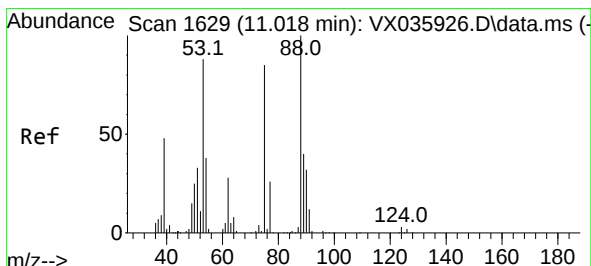
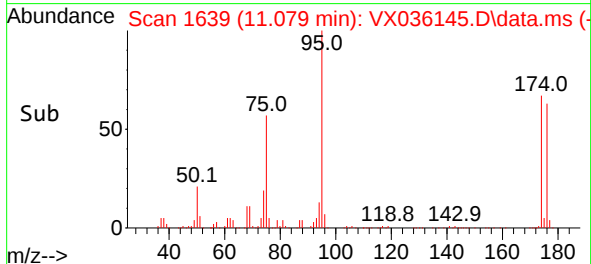
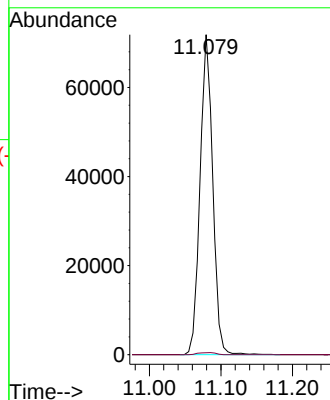
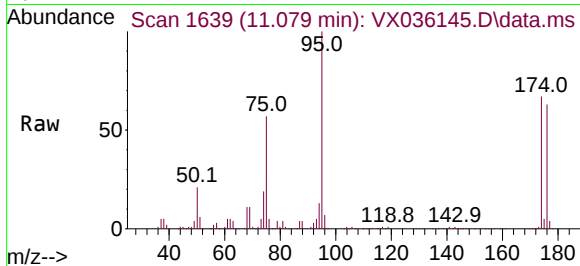




#76
1,2,3-Trichloropropane
Concen: 28.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 88157
Ion Ratio Lower Upper
75 100
77 0.9 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.819 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036145.D
Acq: 13 Jun 2023 15:39

Tgt Ion: 75 Resp: 88157
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

