

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036208.D
 Acq On : 19 Jun 2023 16:04
 Operator : JC/MD
 Sample : 03238-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

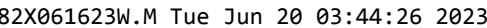
Quant Time: Jun 20 03:44:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

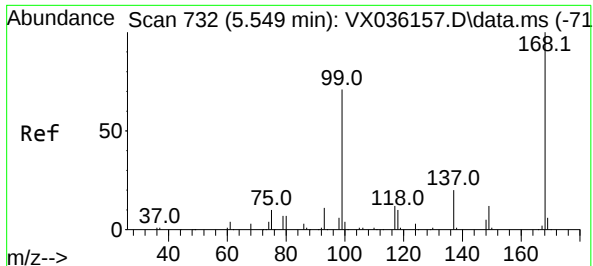
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	171665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	311945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166920	53.209	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.420%
35) Dibromofluoromethane	5.385	113	109605	51.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.620%
50) Toluene-d8	8.647	98	382927	49.488	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	145569	46.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3280	2.517	ug/l #	84
20) Methylene Chloride	2.794	84	559	0.237	ug/l #	68
30) Chloroform	5.099	83	3791	0.873	ug/l	92
31) Cyclohexane	5.538	56	4899	1.456	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	16760	5.379	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20865	6.888	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2232	0.636	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	82311	27.388	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	82311	95.862	ug/l #	5

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

Quant Time: Jun 20 03:44:16 2023
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Response via : Initial Calibration

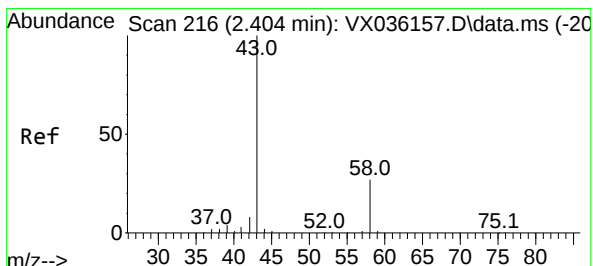
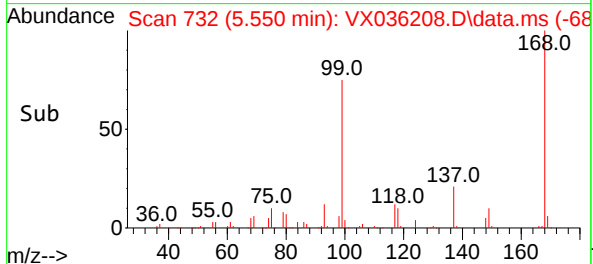
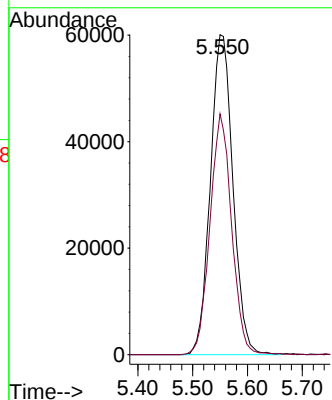
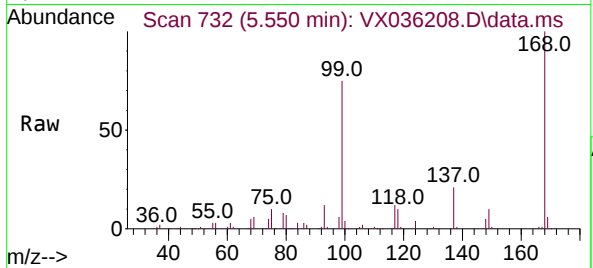




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

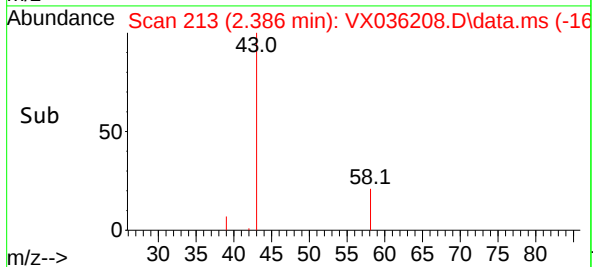
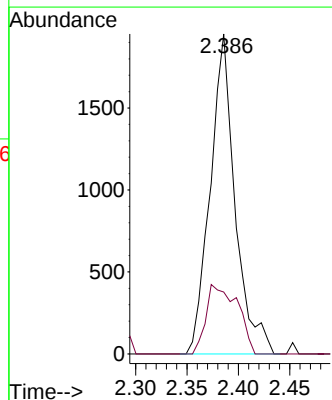
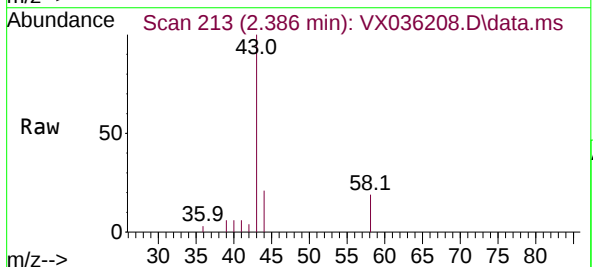
Instrument :
MSVOA_X
ClientSampleId :
MW-7

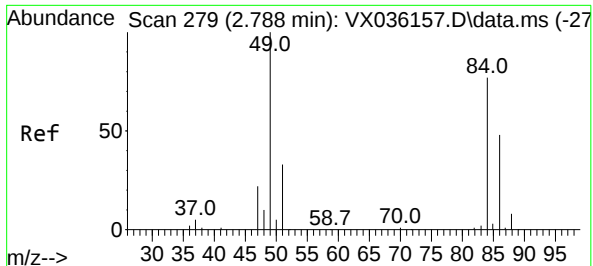
Tgt Ion:168 Resp: 171665
Ion Ratio Lower Upper
168 100
99 75.2 56.6 85.0



#16
Acetone
Concen: 2.517 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion: 43 Resp: 3280
Ion Ratio Lower Upper
43 100
58 19.3 21.9 32.9#

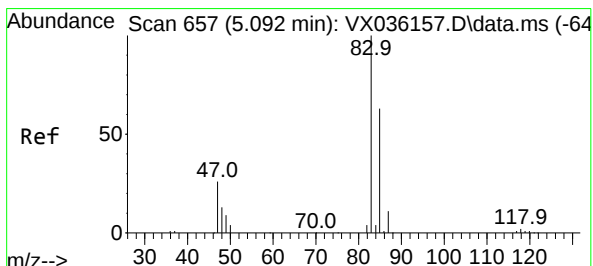
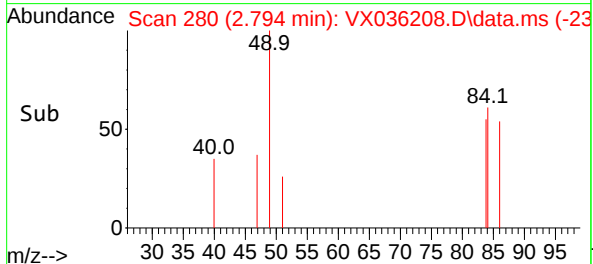
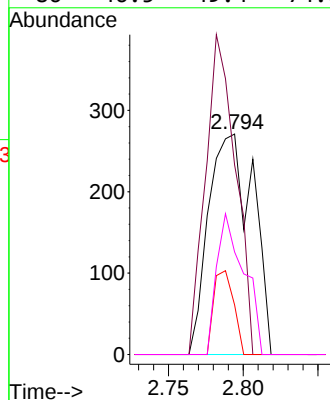
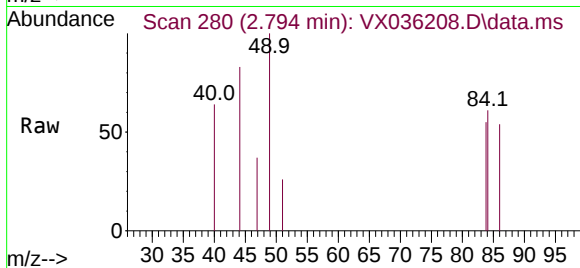




#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

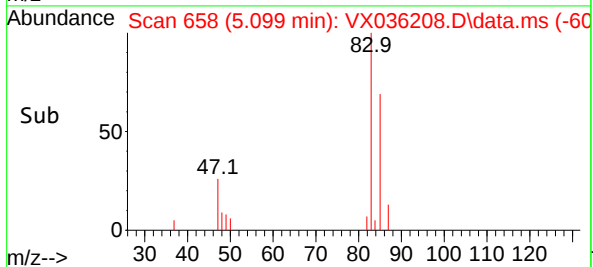
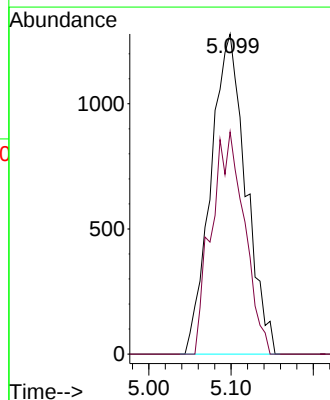
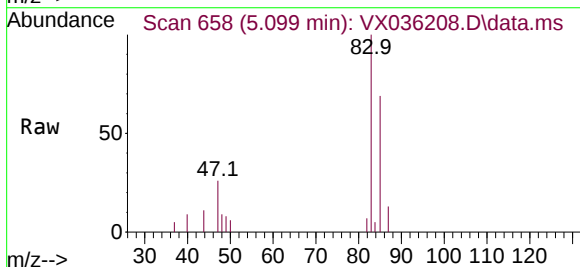
Instrument :
MSVOA_X
ClientSampleId :
MW-7

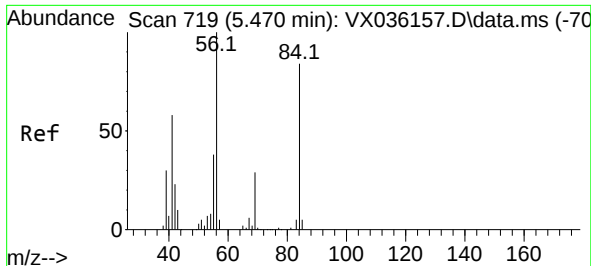
Tgt Ion:	84	Resp:	559
Ion	Ratio	Lower	Upper
84	100		
49	86.0	103.6	155.4#
51	22.5	33.8	50.6#
86	46.5	49.4	74.0#



#30
Chloroform
Concen: 0.873 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion:	83	Resp:	3791
Ion	Ratio	Lower	Upper
83	100		
85	69.4	50.3	75.5

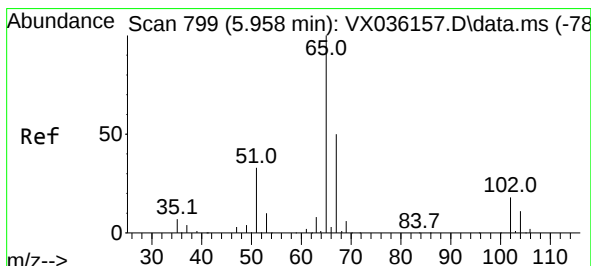
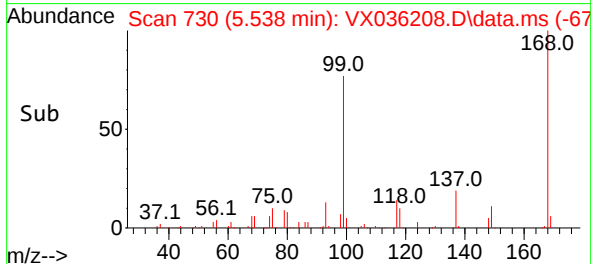
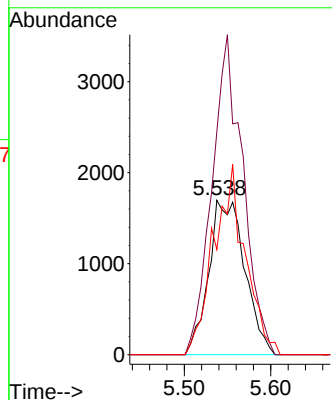
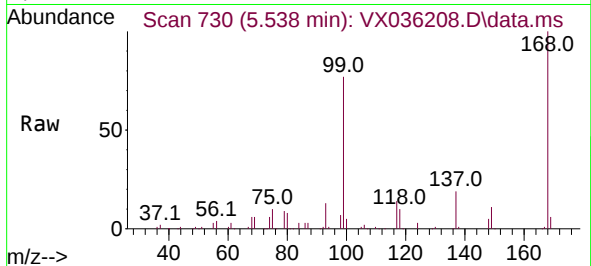




#31
Cyclohexane
Concen: 1.456 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.068 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

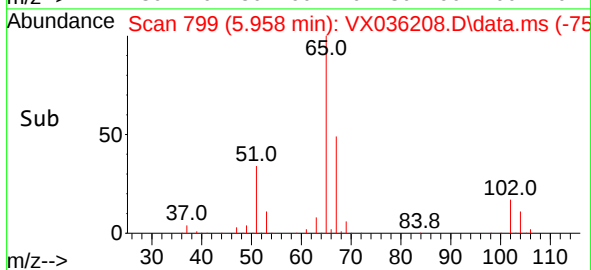
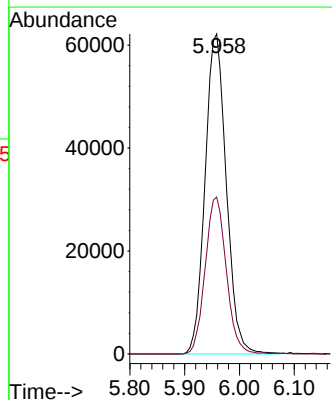
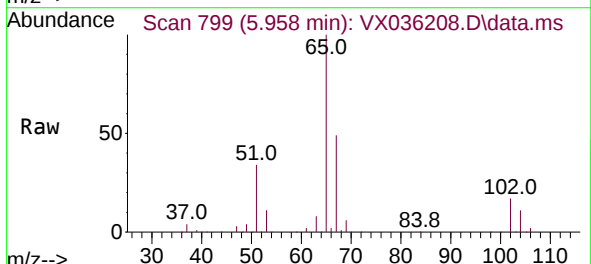
Instrument :
MSVOA_X
ClientSampleId :
MW-7

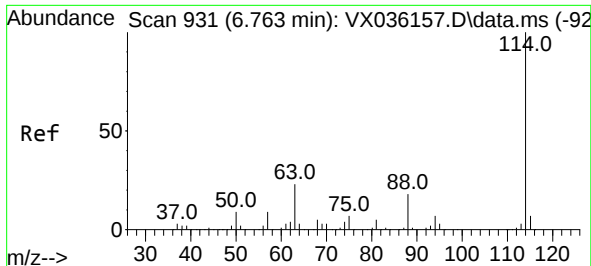
Tgt Ion: 56 Resp: 4899
Ion Ratio Lower Upper
56 100
69 144.5 23.4 35.2#
84 68.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 53.209 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion: 65 Resp: 166920
Ion Ratio Lower Upper
65 100
67 48.7 0.0 100.2

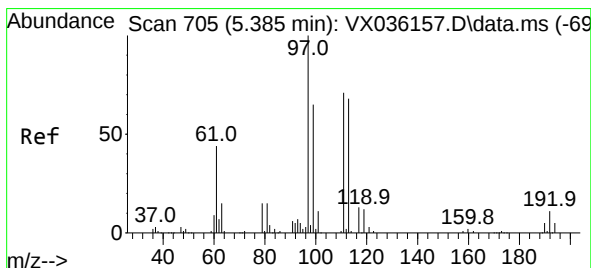
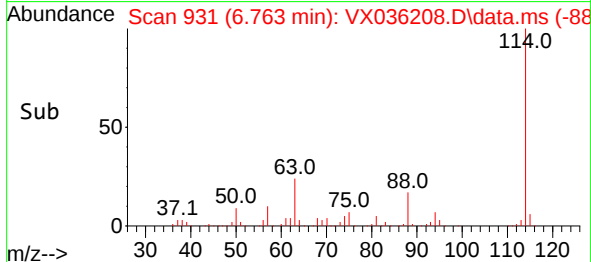
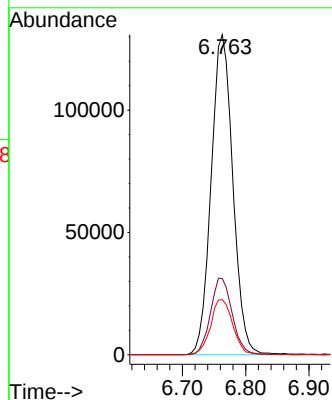
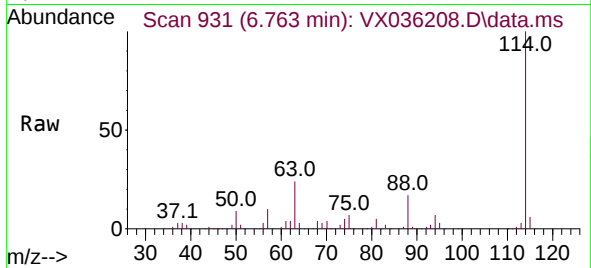




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

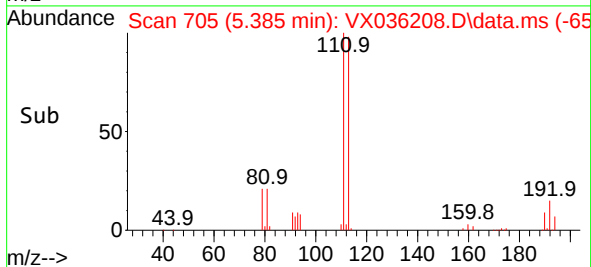
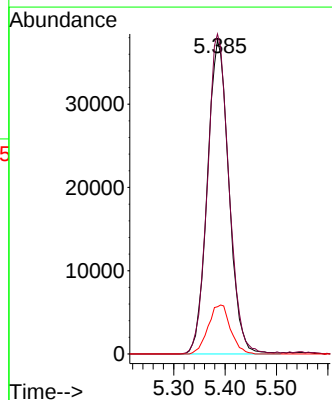
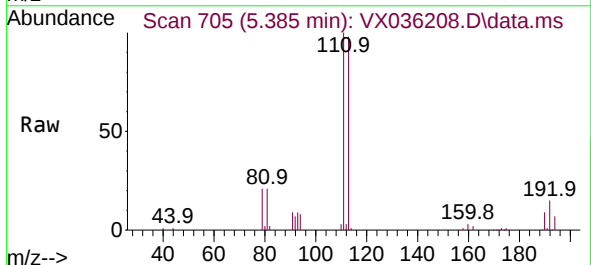
Instrument :
MSVOA_X
ClientSampleId :
MW-7

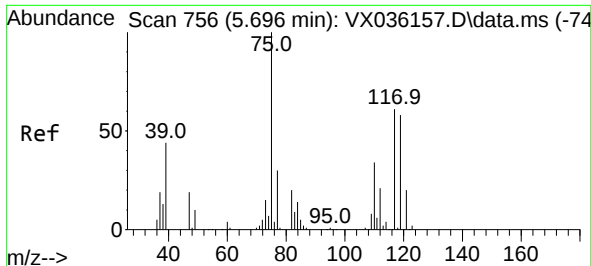
Tgt Ion:114 Resp: 311945
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.814 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion:113 Resp: 109605
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 16.1 13.3 19.9

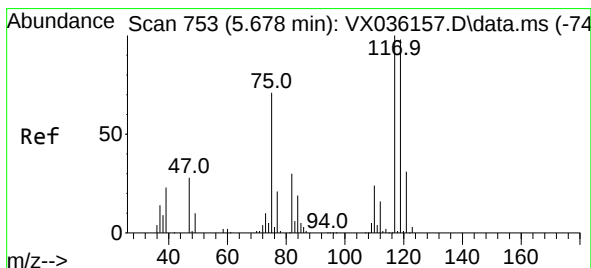
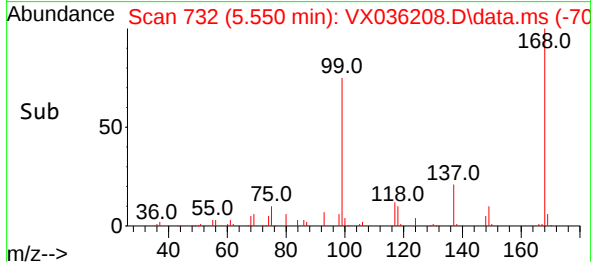
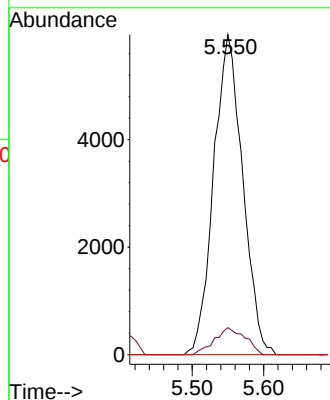
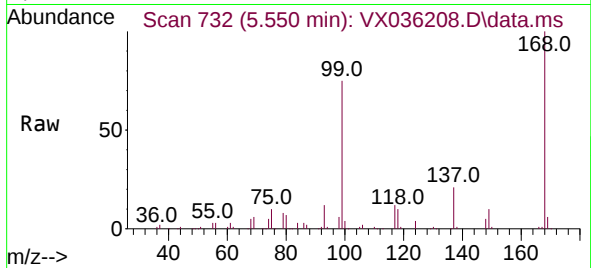




#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

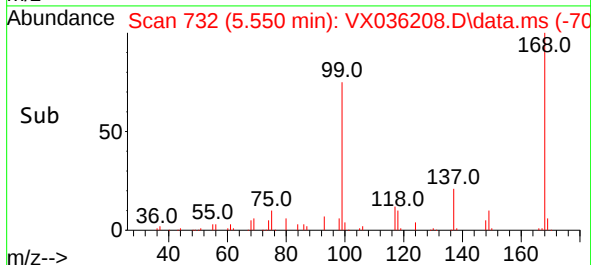
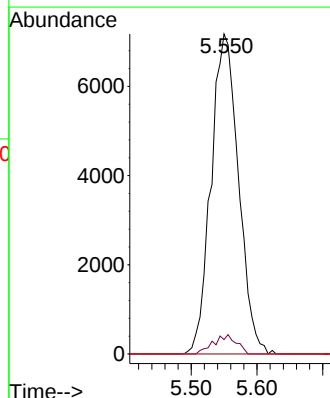
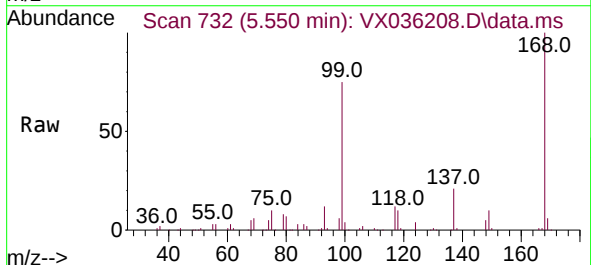
Instrument :
MSVOA_X
ClientSampleId :
MW-7

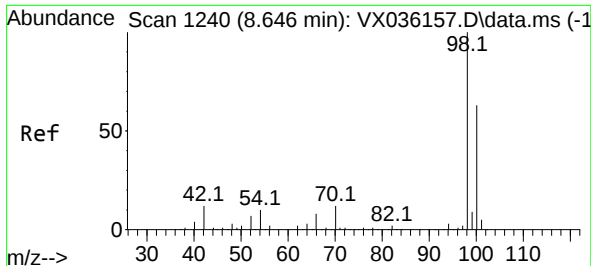
Tgt Ion: 75 Resp: 16760
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.888 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion: 117 Resp: 20865
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

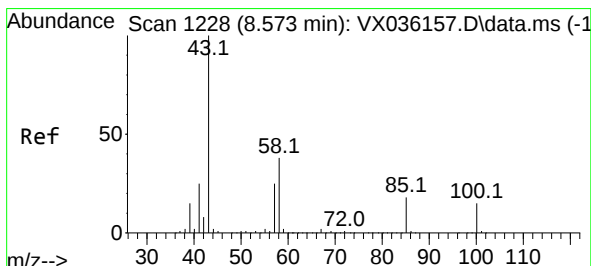
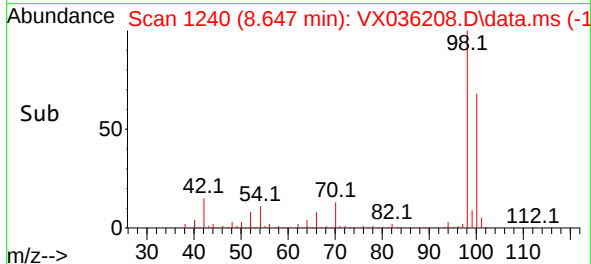
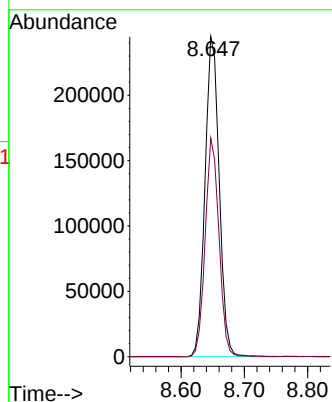
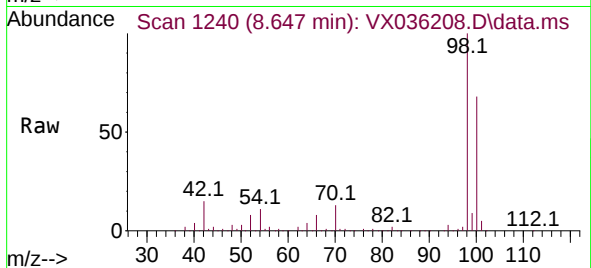




#50
Toluene-d8
Concen: 49.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

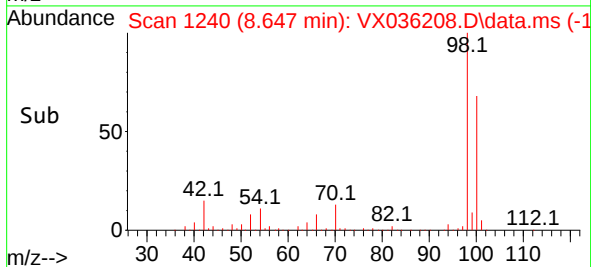
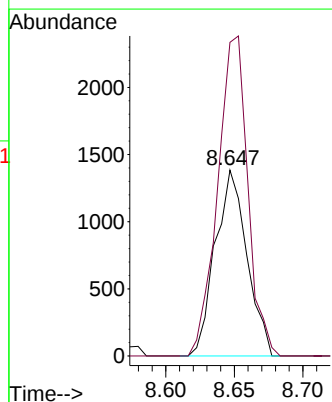
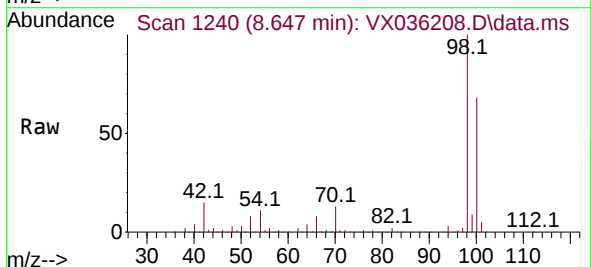
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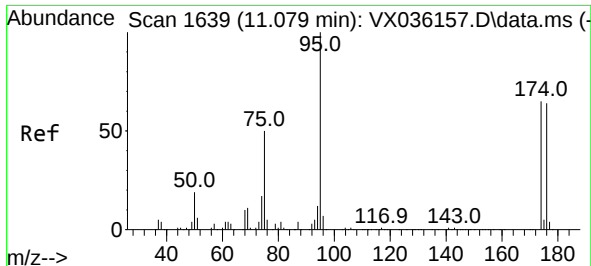
Tgt Ion: 98 Resp: 382927
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.636 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
58 163.5 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 46.605 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036208.D

Acq: 19 Jun 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-7

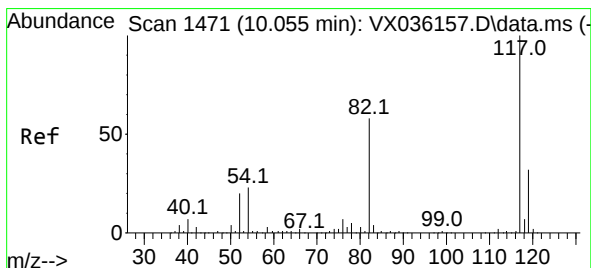
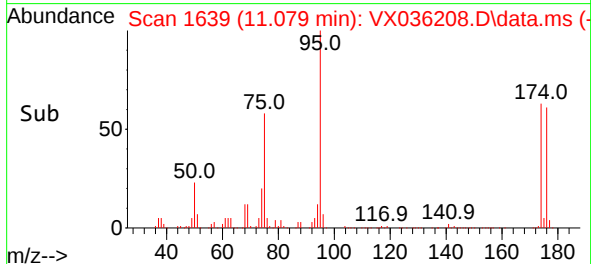
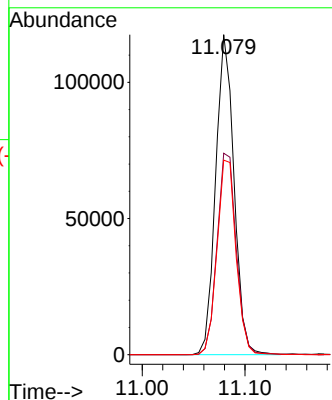
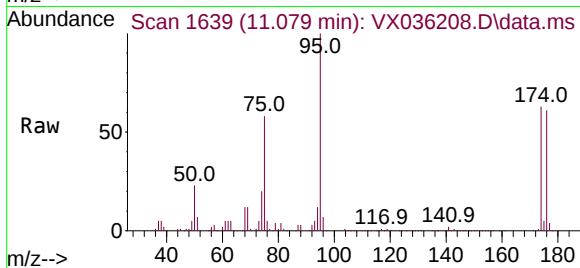
Tgt Ion: 95 Resp: 145569

Ion Ratio Lower Upper

95 100

174 66.2 0.0 135.6

176 63.3 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036208.D

Acq: 19 Jun 2023 16:04

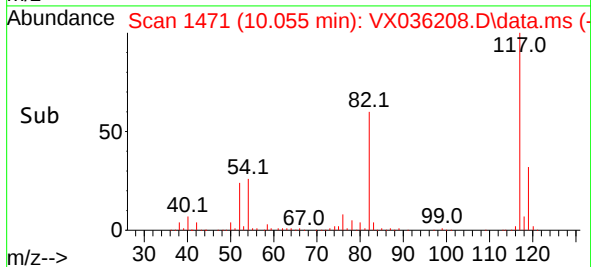
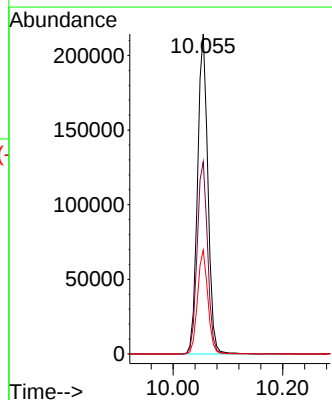
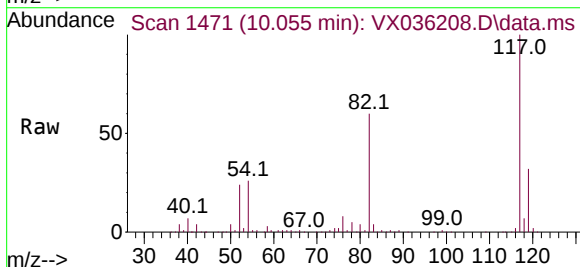
Tgt Ion: 117 Resp: 282849

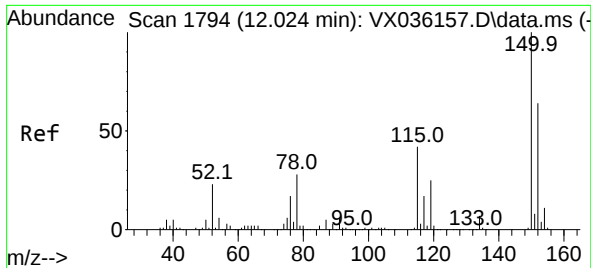
Ion Ratio Lower Upper

117 100

82 60.1 46.2 69.4

119 32.4 25.5 38.3

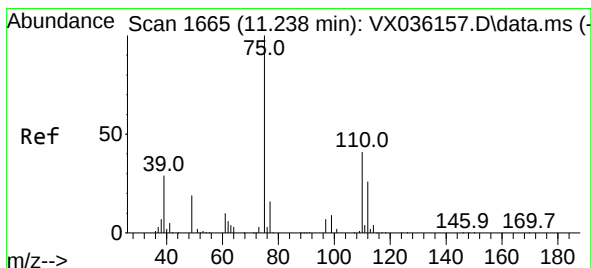
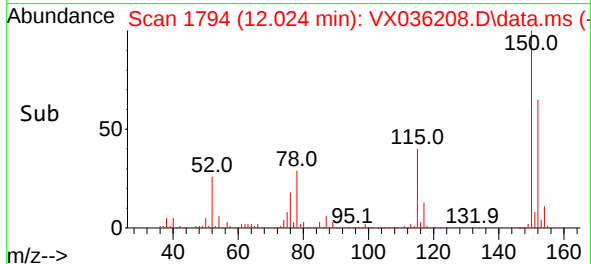
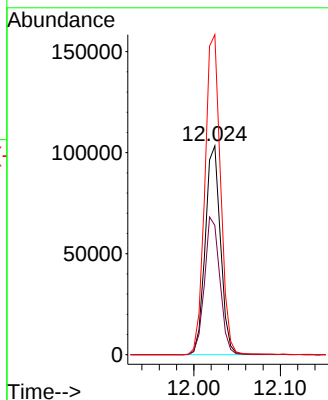
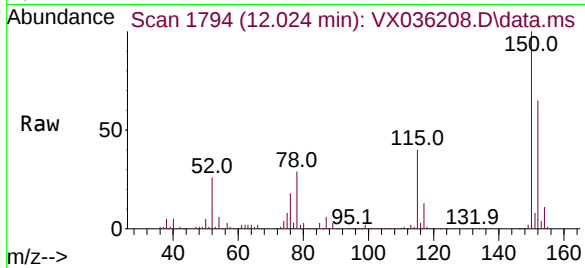




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036208.D
 Acq: 19 Jun 2023 16:04

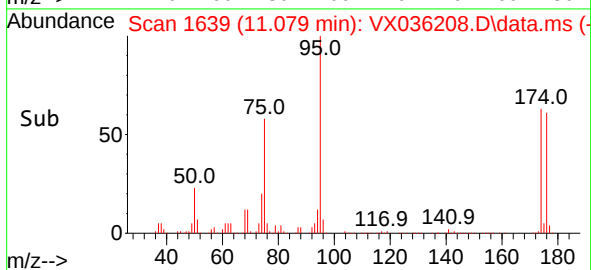
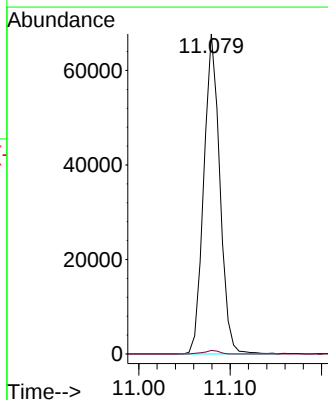
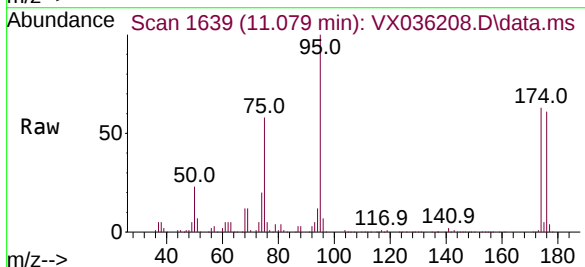
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

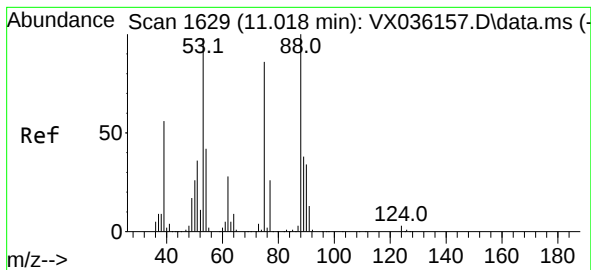
Tgt Ion:152 Resp: 126636
 Ion Ratio Lower Upper
 152 100
 115 66.3 43.3 129.9
 150 157.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.388 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036208.D
 Acq: 19 Jun 2023 16:04

Tgt Ion: 75 Resp: 82311
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.862 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036208.D
 Acq: 19 Jun 2023 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Tgt Ion: 75 Resp: 82311
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

