

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029594.D
 Acq On : 19 Jun 2022 01:30
 Operator : JC/MD
 Sample : N3290-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Jun 20 01:39:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

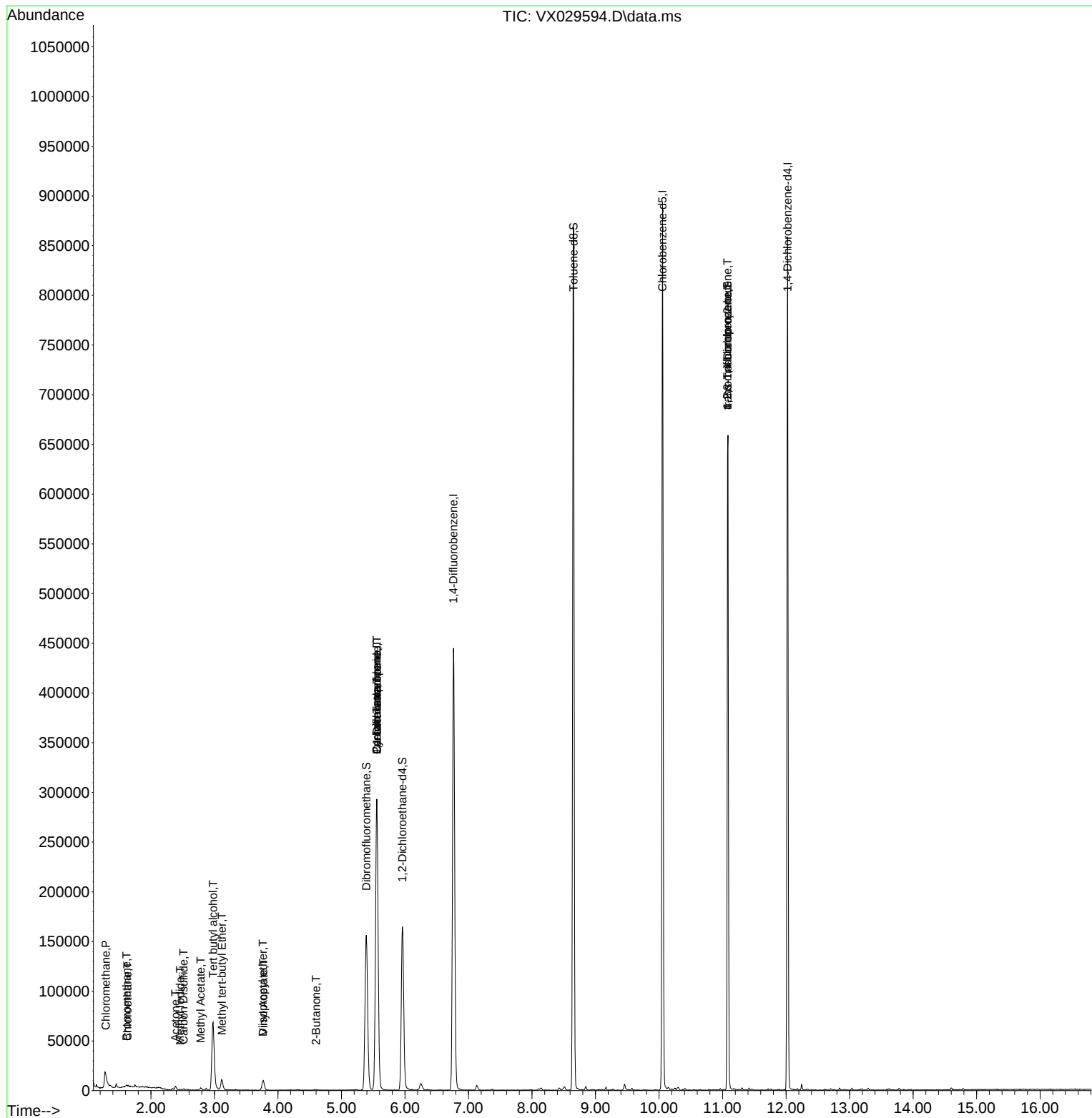
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	279771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159699	43.122	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.240%
35) Dibromofluoromethane	5.391	113	141109	45.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.653	98	533021	47.408	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.820%
62) 4-Bromofluorobenzene	11.079	95	193262	45.581	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1655	0.453	ug/l #	69
5) Bromomethane	1.617	94	803	0.468	ug/l	83
6) Chloroethane	1.630	64	490	1.474	ug/l	100
10) Methyl Iodide	2.459	142	849	3.256	ug/l #	92
11) Tert butyl alcohol	2.977	59	103855	124.022	ug/l	99
16) Acetone	2.386	43	4092	2.772	ug/l	95
17) Carbon Disulfide	2.514	76	1616	0.220	ug/l #	78
18) Methyl Acetate	2.782	43	1326	0.340	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	11253	1.144	ug/l	94
22) Diisopropyl ether	3.763	45	10773	1.190	ug/l	92
23) Vinyl Acetate	3.769	43	5412	0.716	ug/l #	66
25) 2-Butanone	4.599	43	1320	0.566	ug/l #	84
31) Cyclohexane	5.556	56	5427	1.092	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20739	4.979	ug/l #	50
38) Carbon Tetrachloride	5.556	117	29431	7.185	ug/l #	16
44) Trichloroethene	7.129	130	2106	Below Cal		92
76) 1,2,3-Trichloropropane	11.079	75	94297	23.812	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94297	79.218	ug/l #	15

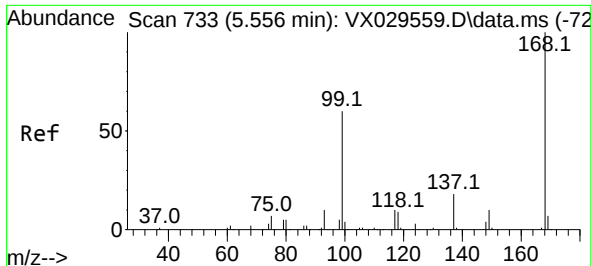
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 20 01:39:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

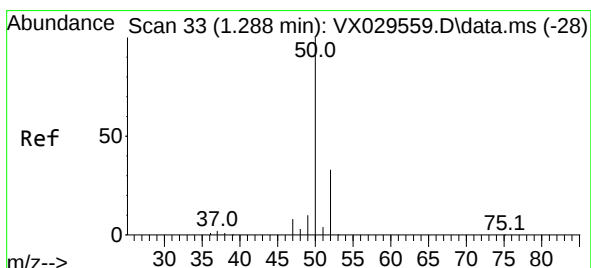
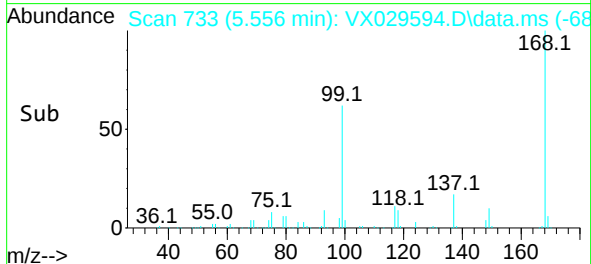
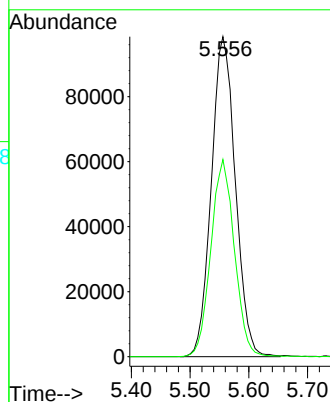
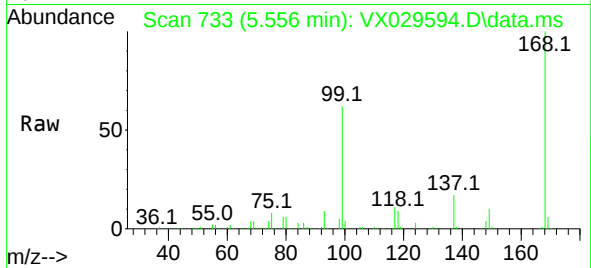




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

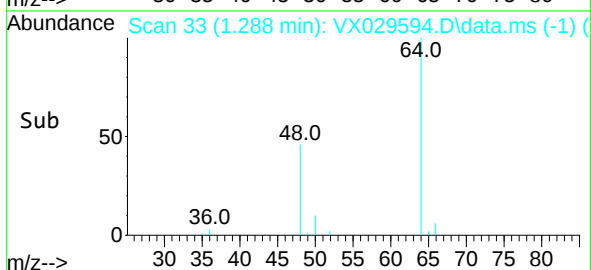
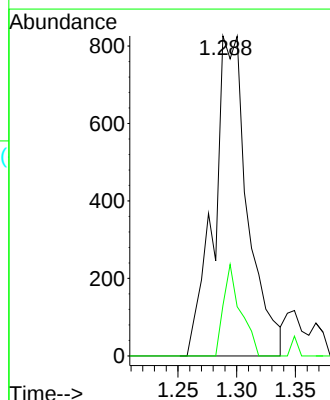
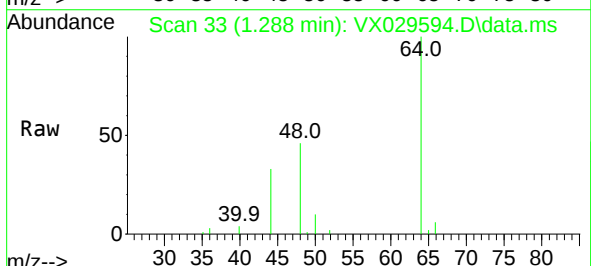
Instrument :
MSVOA_X
ClientSampleId :
MW-25

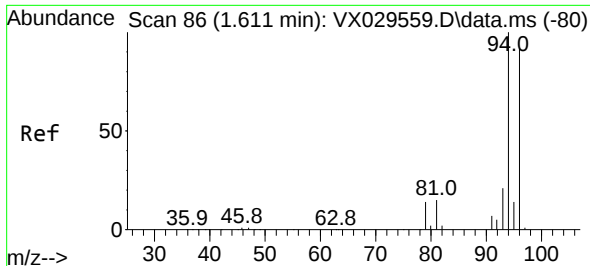
Tgt Ion:168 Resp: 279771
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#3
Chloromethane
Concen: 0.453 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 50 Resp: 1655
Ion Ratio Lower Upper
50 100
52 15.7 26.4 39.6#

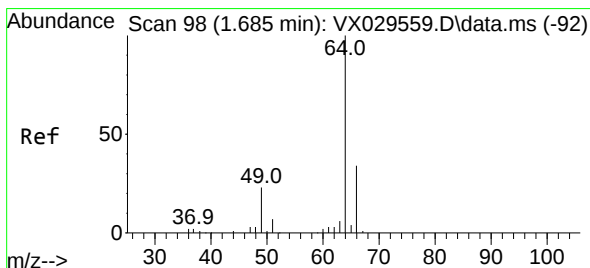
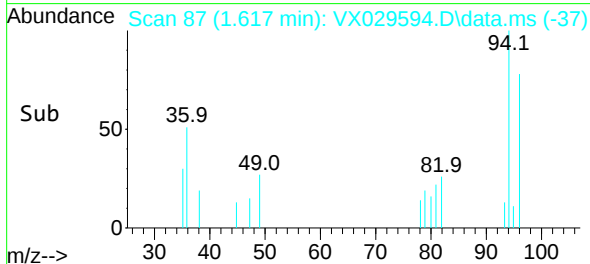
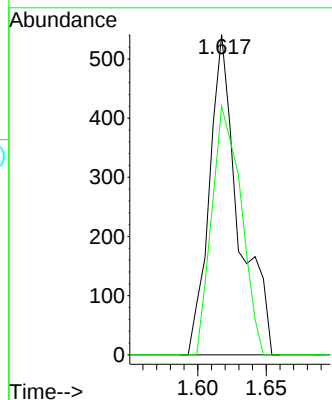
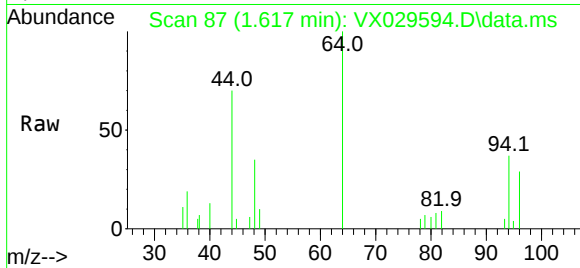




#5
Bromomethane
Concen: 0.468 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

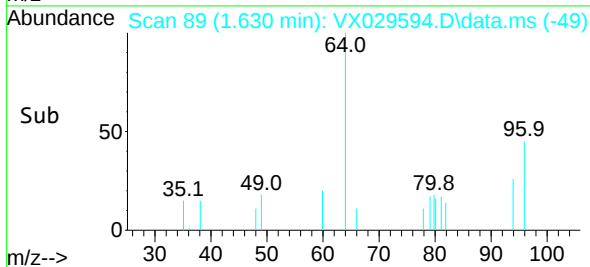
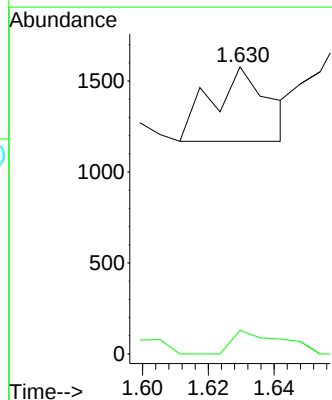
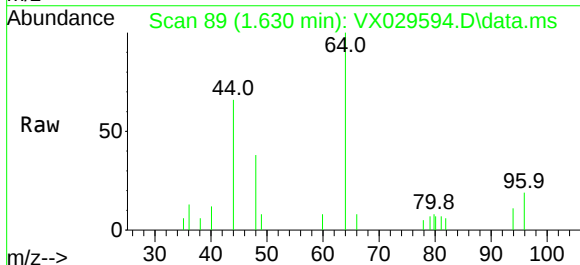
Instrument :
MSVOA_X
ClientSampleId :
MW-25

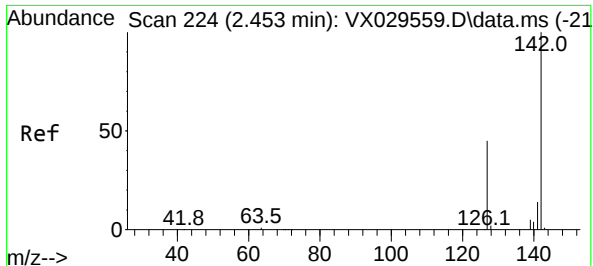
Tgt Ion: 94 Resp: 803
Ion Ratio Lower Upper
94 100
96 77.6 75.3 112.9



#6
Chloroethane
Concen: 1.474 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.055 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 64 Resp: 490
Ion Ratio Lower Upper
64 100
66 31.5 25.3 37.9

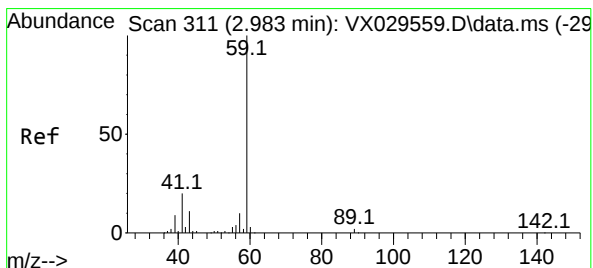
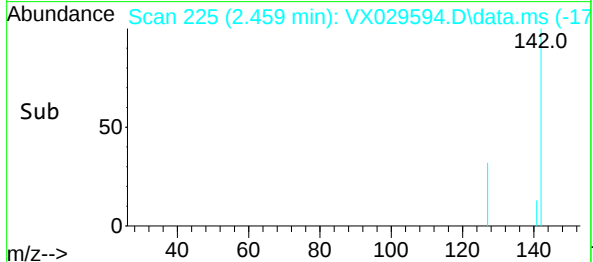
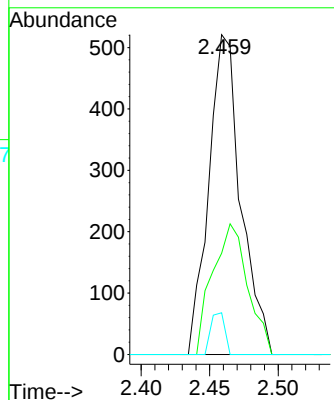
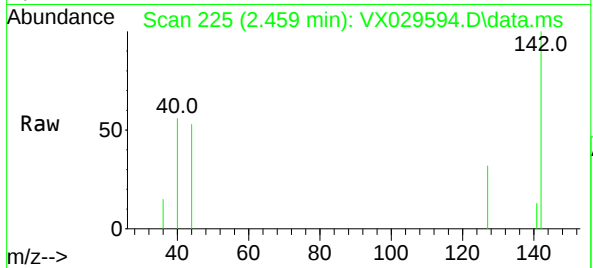




#10
Methyl Iodide
Concen: 3.256 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

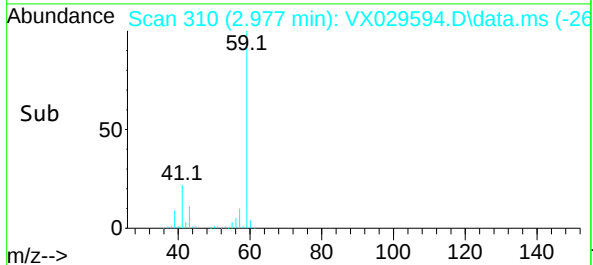
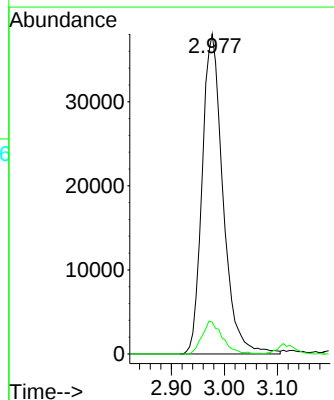
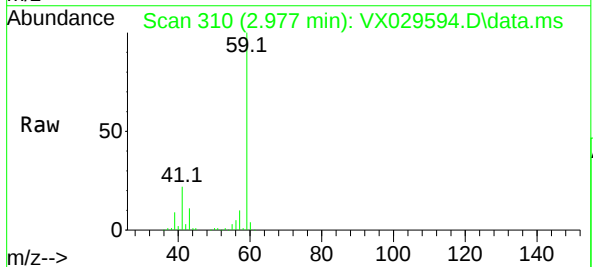
Instrument :
MSVOA_X
ClientSampleId :
MW-25

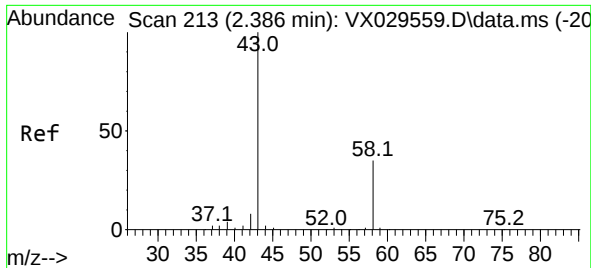
Tgt Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
127 44.9 33.9 50.9
141 5.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: 124.022 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 59 Resp: 103855
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

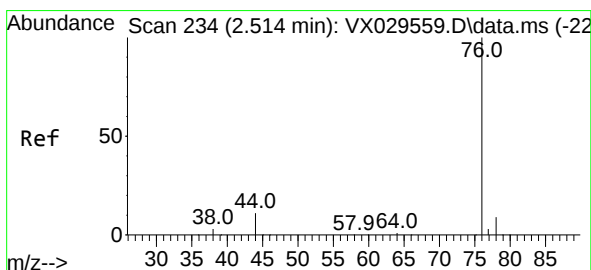
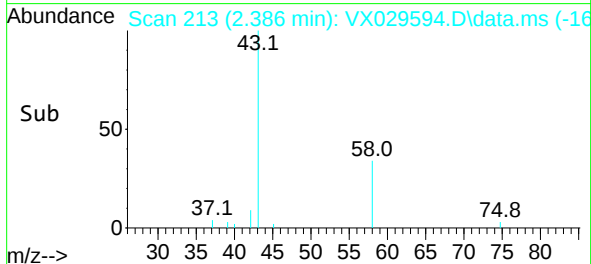
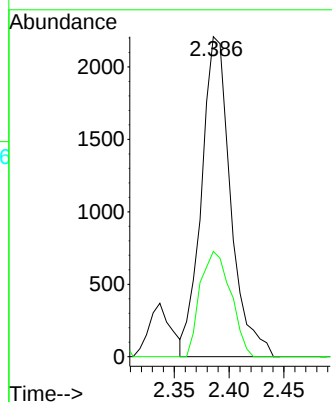
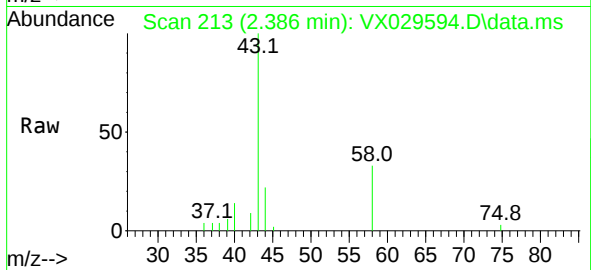




#16
Acetone
Concen: 2.772 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

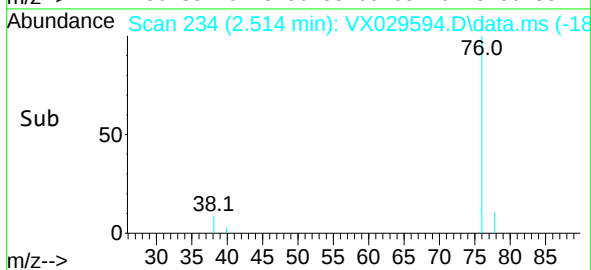
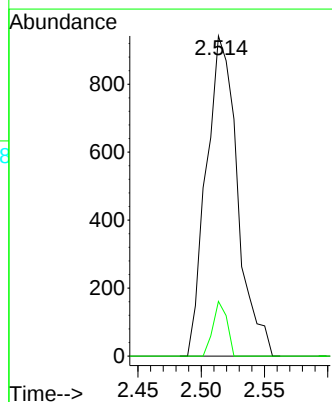
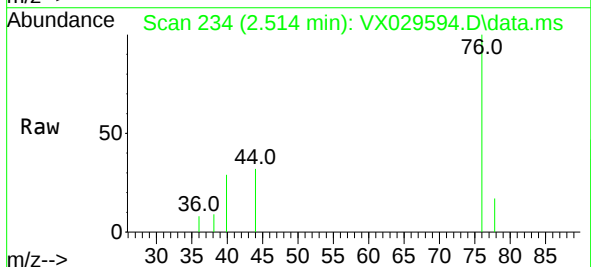
Instrument :
MSVOA_X
ClientSampleId :
MW-25

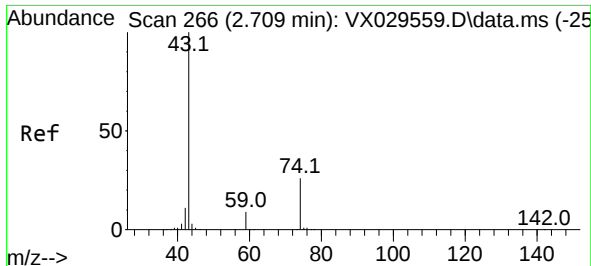
Tgt Ion: 43 Resp: 4092
Ion Ratio Lower Upper
43 100
58 32.9 28.8 43.2



#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 76 Resp: 1616
Ion Ratio Lower Upper
76 100
78 17.1 7.2 10.8#

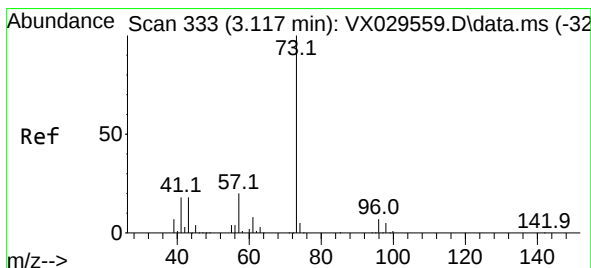
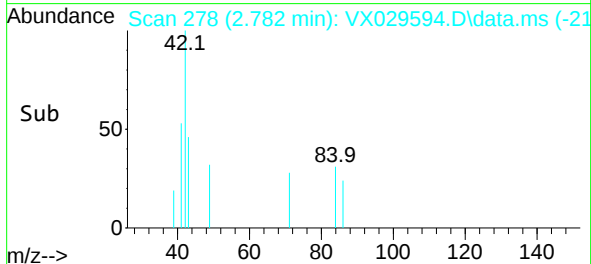
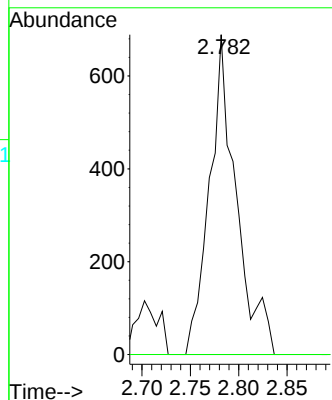
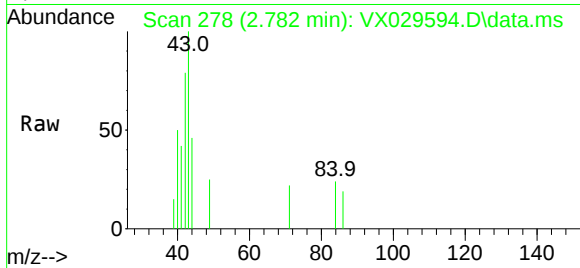




#18
Methyl Acetate
Concen: 0.340 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.073 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

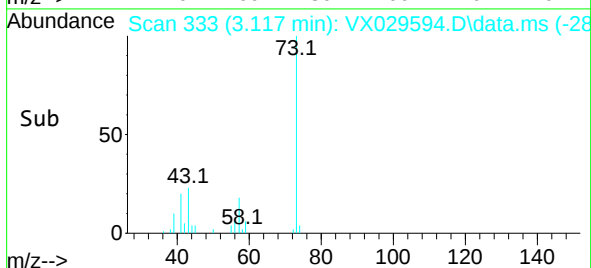
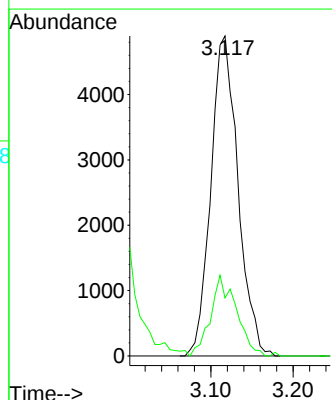
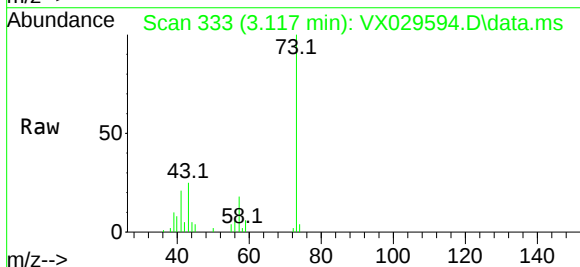
Instrument :
MSVOA_X
ClientSampleId :
MW-25

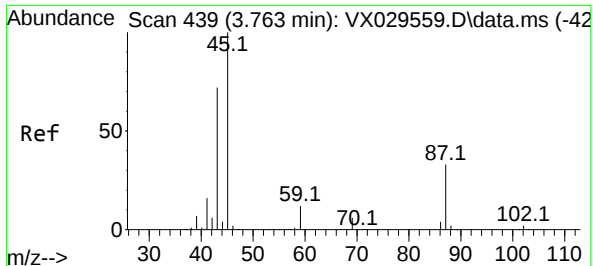
Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 1.144 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 73 Resp: 11253
Ion Ratio Lower Upper
73 100
57 18.1 16.8 25.2

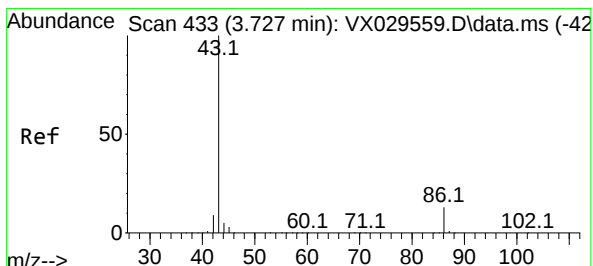
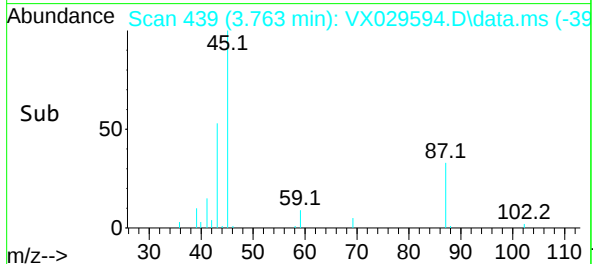
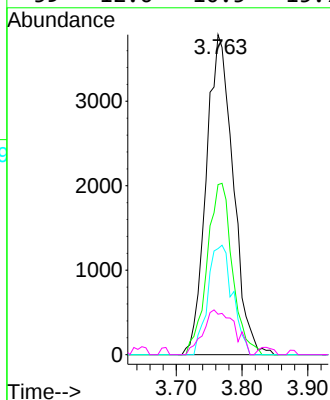
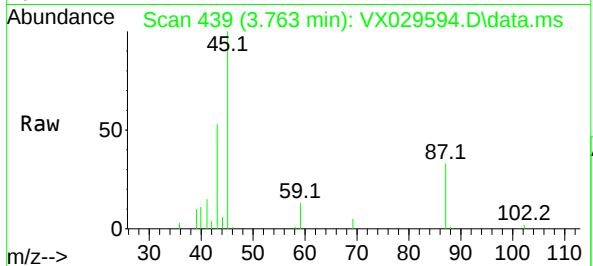




#22
Diisopropyl ether
Concen: 1.190 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

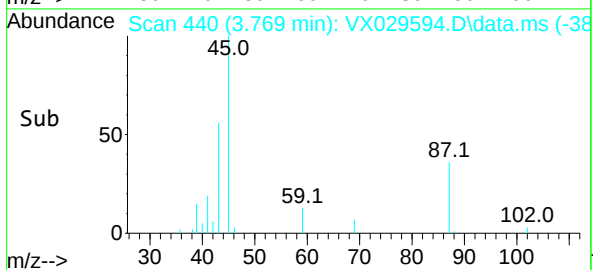
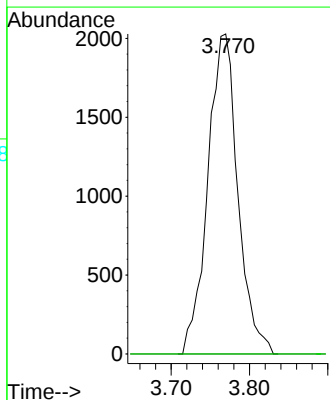
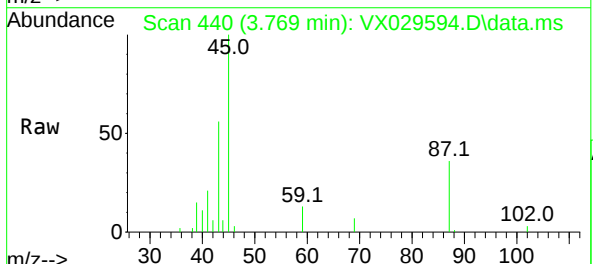
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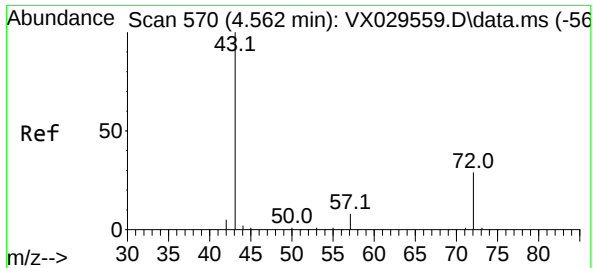
Tgt Ion: 45	Resp: 10773
Ion Ratio	Lower Upper
45 100	
43 53.1	50.8 76.2
87 33.1	26.6 39.8
59 12.6	10.5 15.7



#23
Vinyl Acetate
Concen: 0.716 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.042 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 43	Resp: 5412		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.8	16.2#	

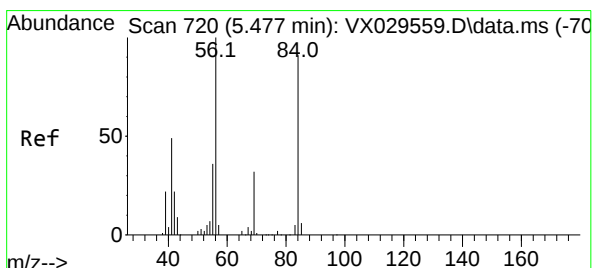
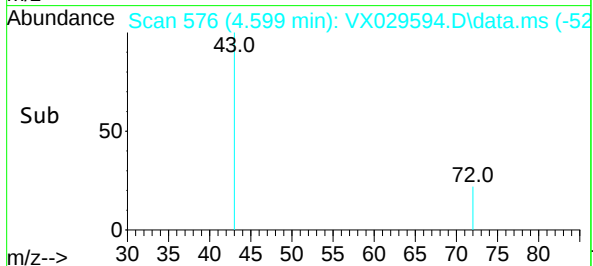
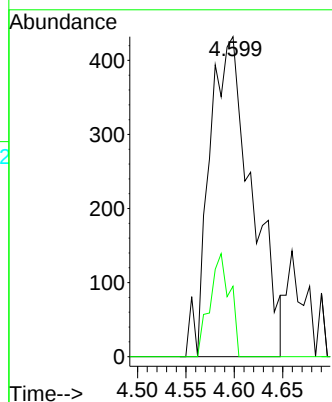
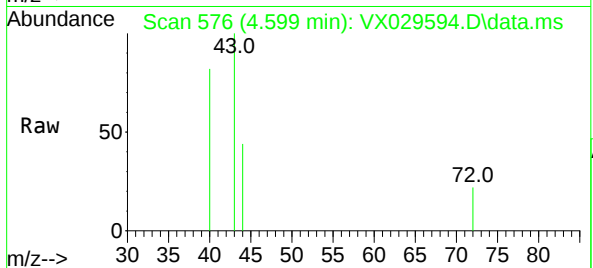




#25
2-Butanone
Concen: 0.566 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

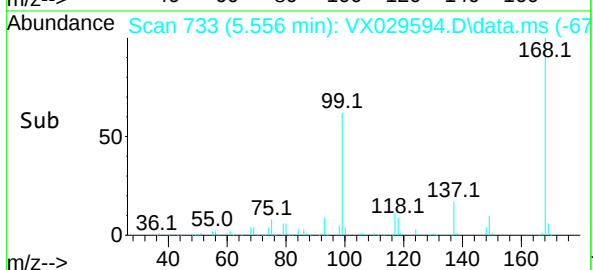
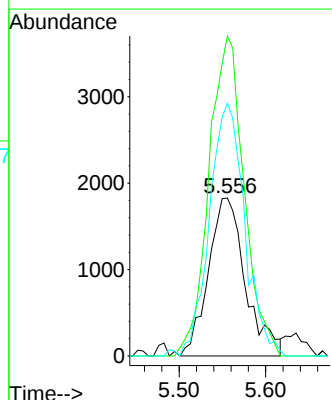
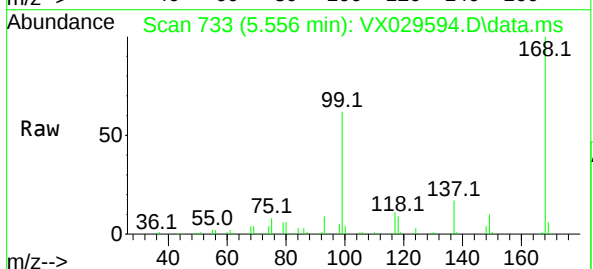
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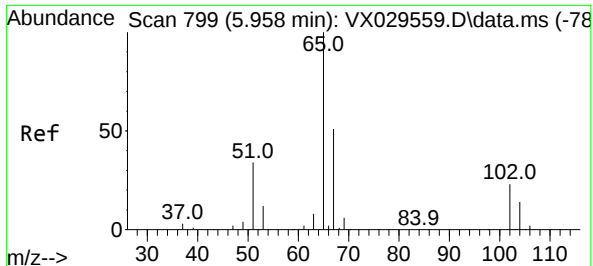
Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
72 22.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 56 Resp: 5427
Ion Ratio Lower Upper
56 100
69 202.7 26.7 40.1#
84 160.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.122 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029594.D

Acq: 19 Jun 2022 01:30

Instrument :

MSVOA_X

ClientSampleId :

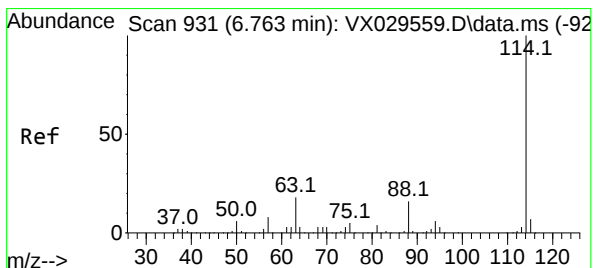
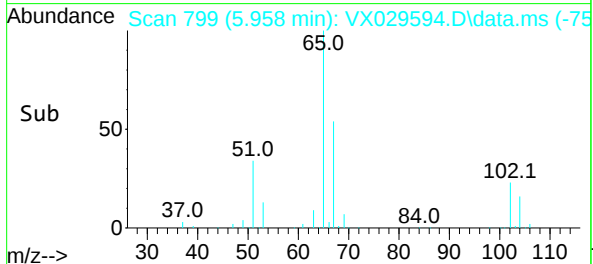
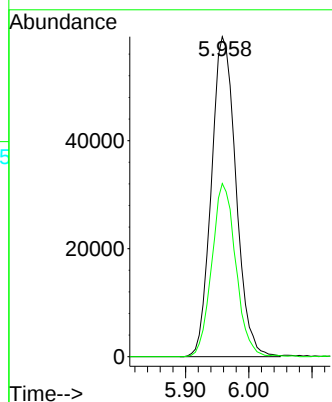
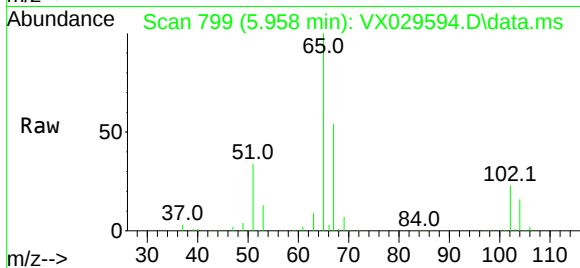
MW-25

Tgt Ion: 65 Resp: 159699

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029594.D

Acq: 19 Jun 2022 01:30

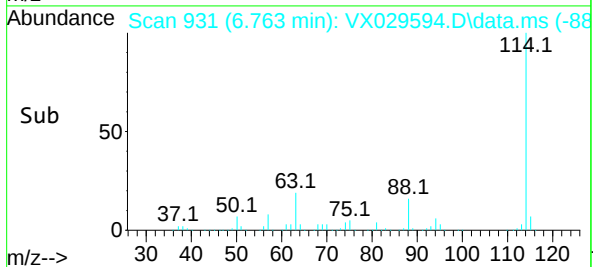
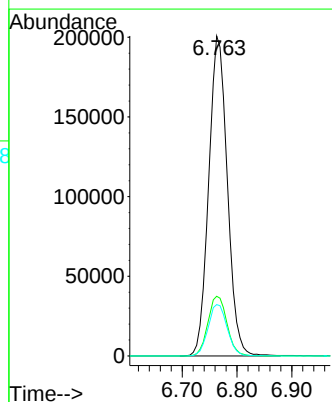
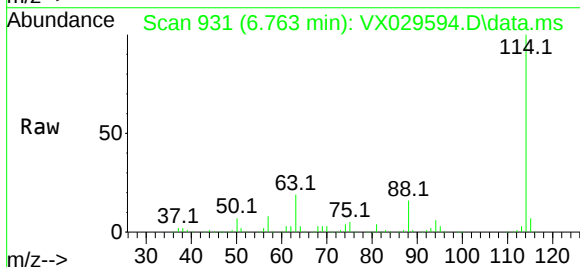
Tgt Ion: 114 Resp: 472261

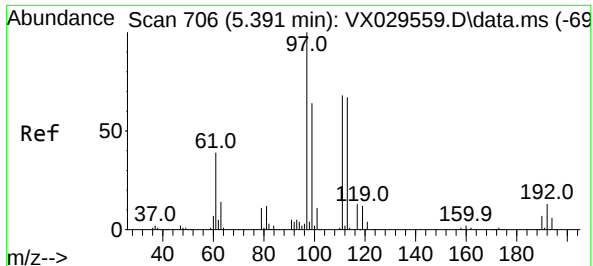
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.850 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029594.D

Acq: 19 Jun 2022 01:30

Instrument :

MSVOA_X

ClientSampleId :

MW-25

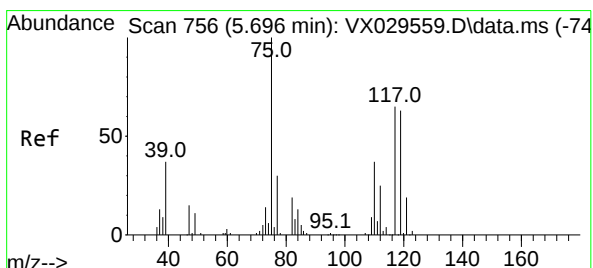
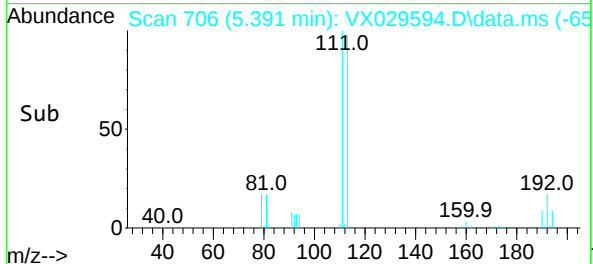
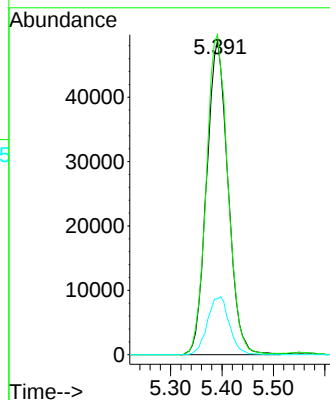
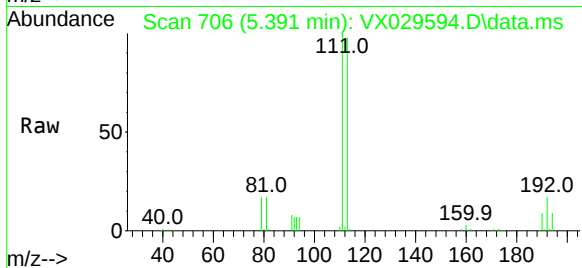
Tgt Ion:113 Resp: 141109

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029594.D

Acq: 19 Jun 2022 01:30

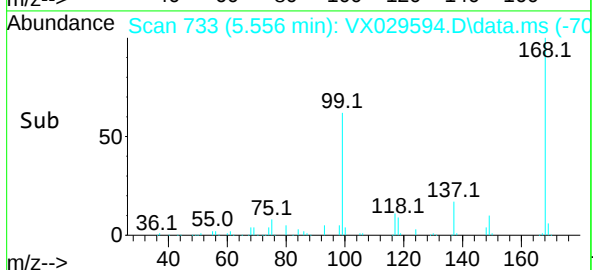
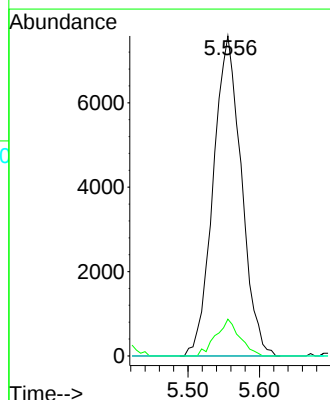
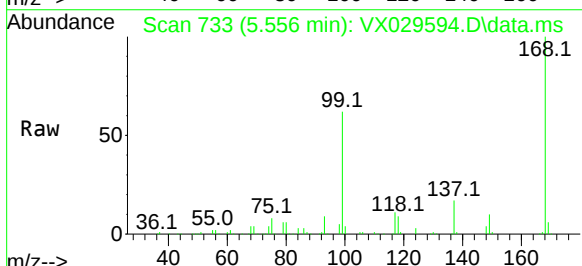
Tgt Ion: 75 Resp: 20739

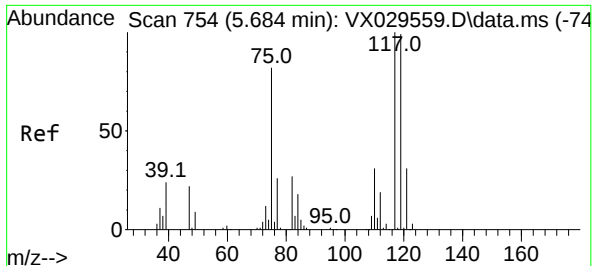
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#

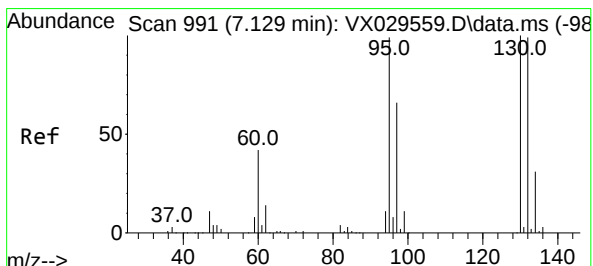
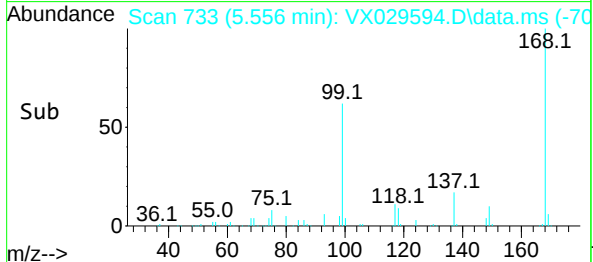
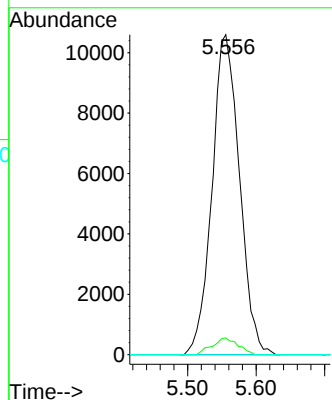
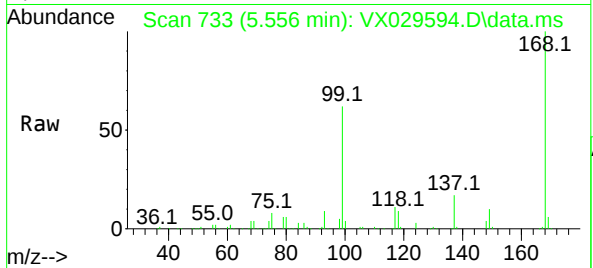




#38
Carbon Tetrachloride
Concen: 7.185 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

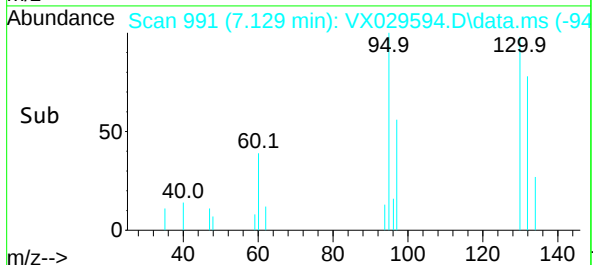
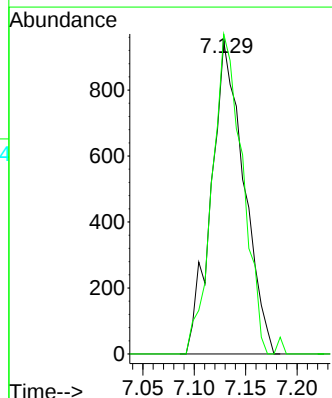
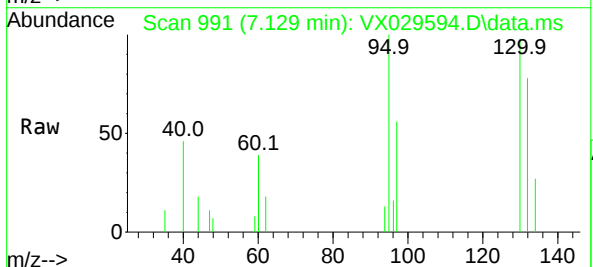
Instrument :
MSVOA_X
ClientSampleId :
MW-25

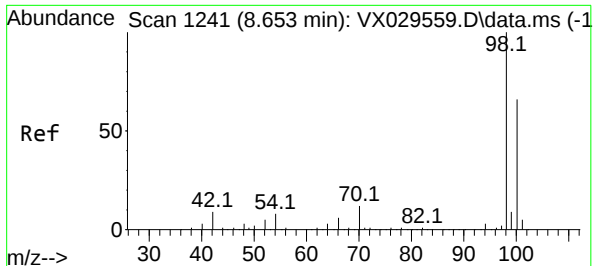
Tgt Ion:117 Resp: 29431
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion:130 Resp: 2106
Ion Ratio Lower Upper
130 100
95 102.3 0.0 188.8





#50

Toluene-d8

Concen: 47.408 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029594.D

Acq: 19 Jun 2022 01:30

Instrument :

MSVOA_X

ClientSampleId :

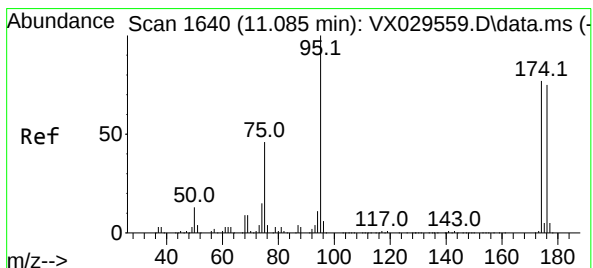
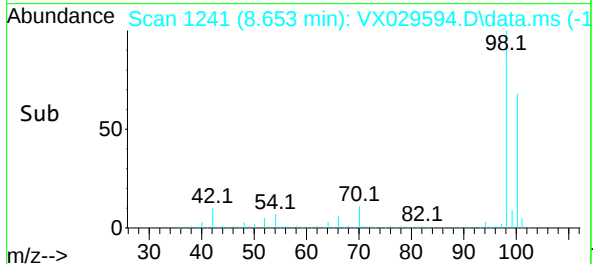
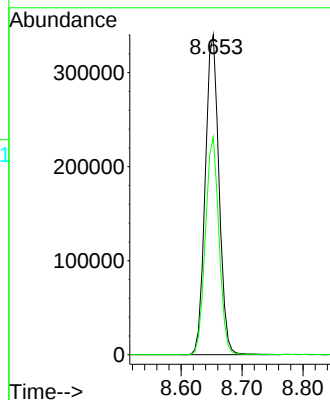
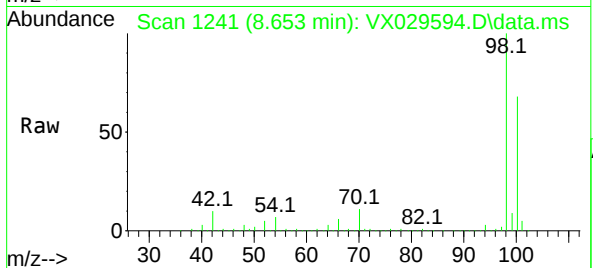
MW-25

Tgt Ion: 98 Resp: 533021

Ion Ratio Lower Upper

98 100

100 67.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.581 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029594.D

Acq: 19 Jun 2022 01:30

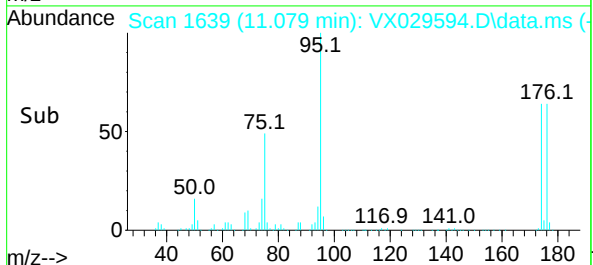
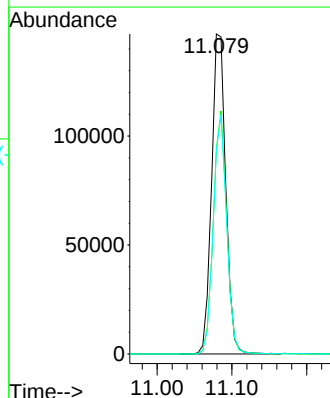
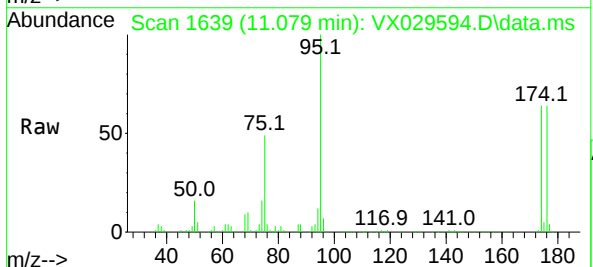
Tgt Ion: 95 Resp: 193262

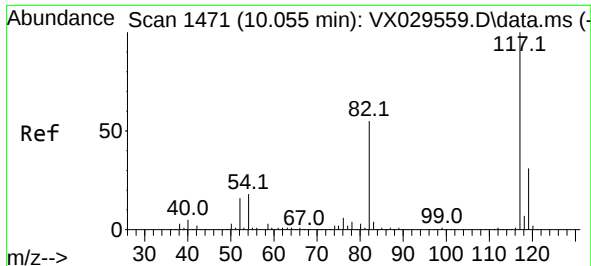
Ion Ratio Lower Upper

95 100

174 72.0 0.0 163.0

176 70.7 0.0 155.0

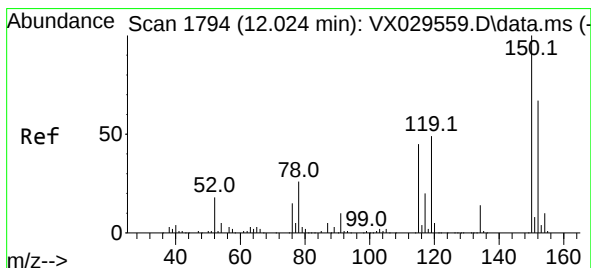
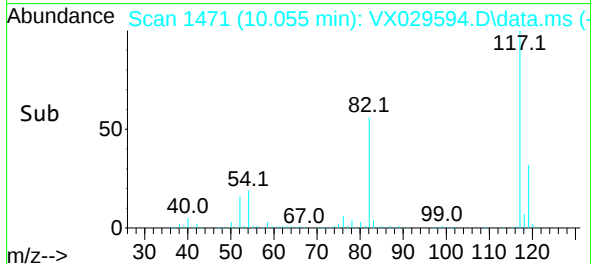
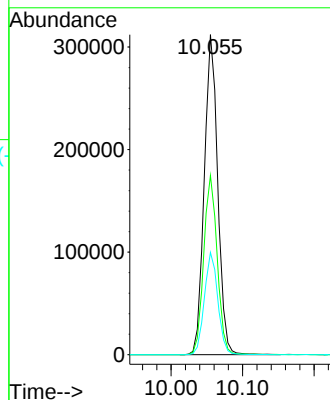
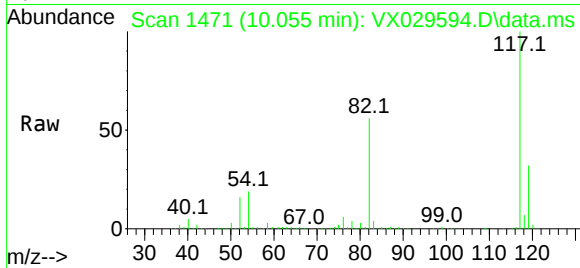




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

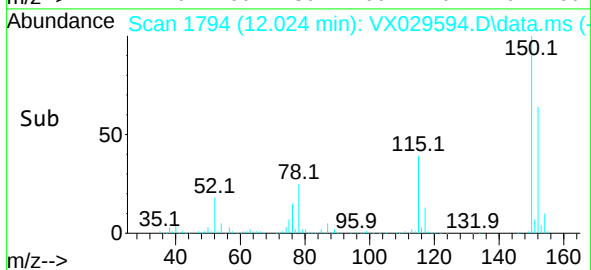
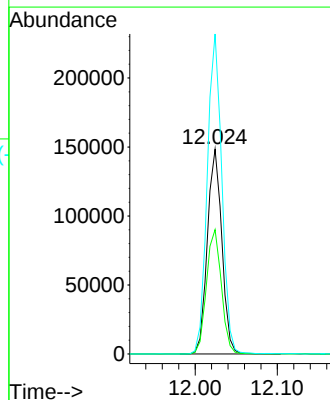
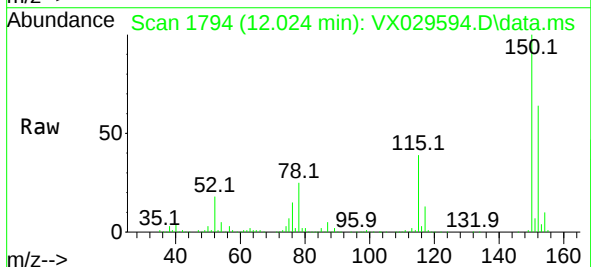
Instrument :
MSVOA_X
ClientSampleId :
MW-25

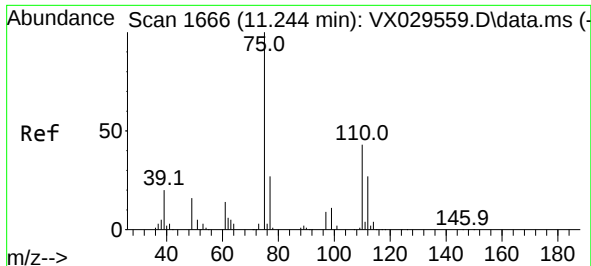
Tgt Ion:117 Resp: 408618
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion:152 Resp: 181776
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 156.6 0.0 338.2

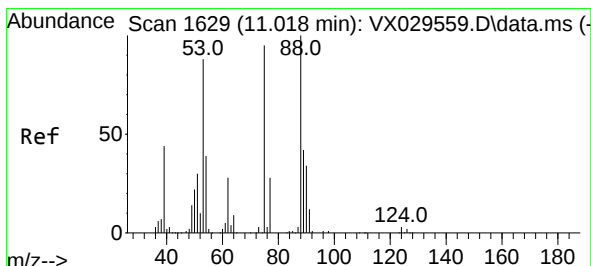
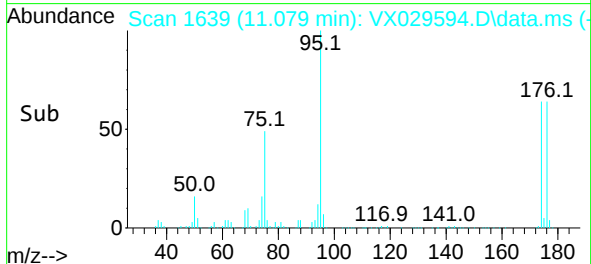
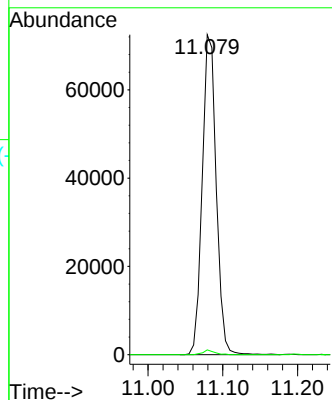
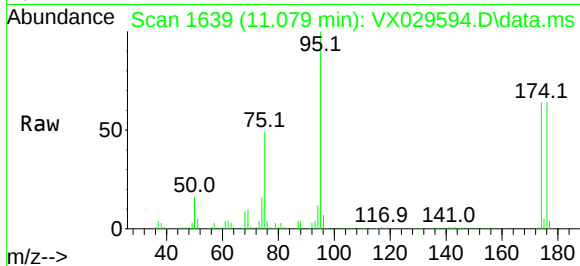




#76
1,2,3-Trichloropropane
Concen: 23.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Tgt Ion: 75 Resp: 94297
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.218 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029594.D
Acq: 19 Jun 2022 01:30

Tgt Ion: 75 Resp: 94297
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

