

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029695.D
 Acq On : 22 Jun 2022 13:41
 Operator : JC/MD
 Sample : N3354-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-63

Quant Time: Jun 23 01:09:31 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)

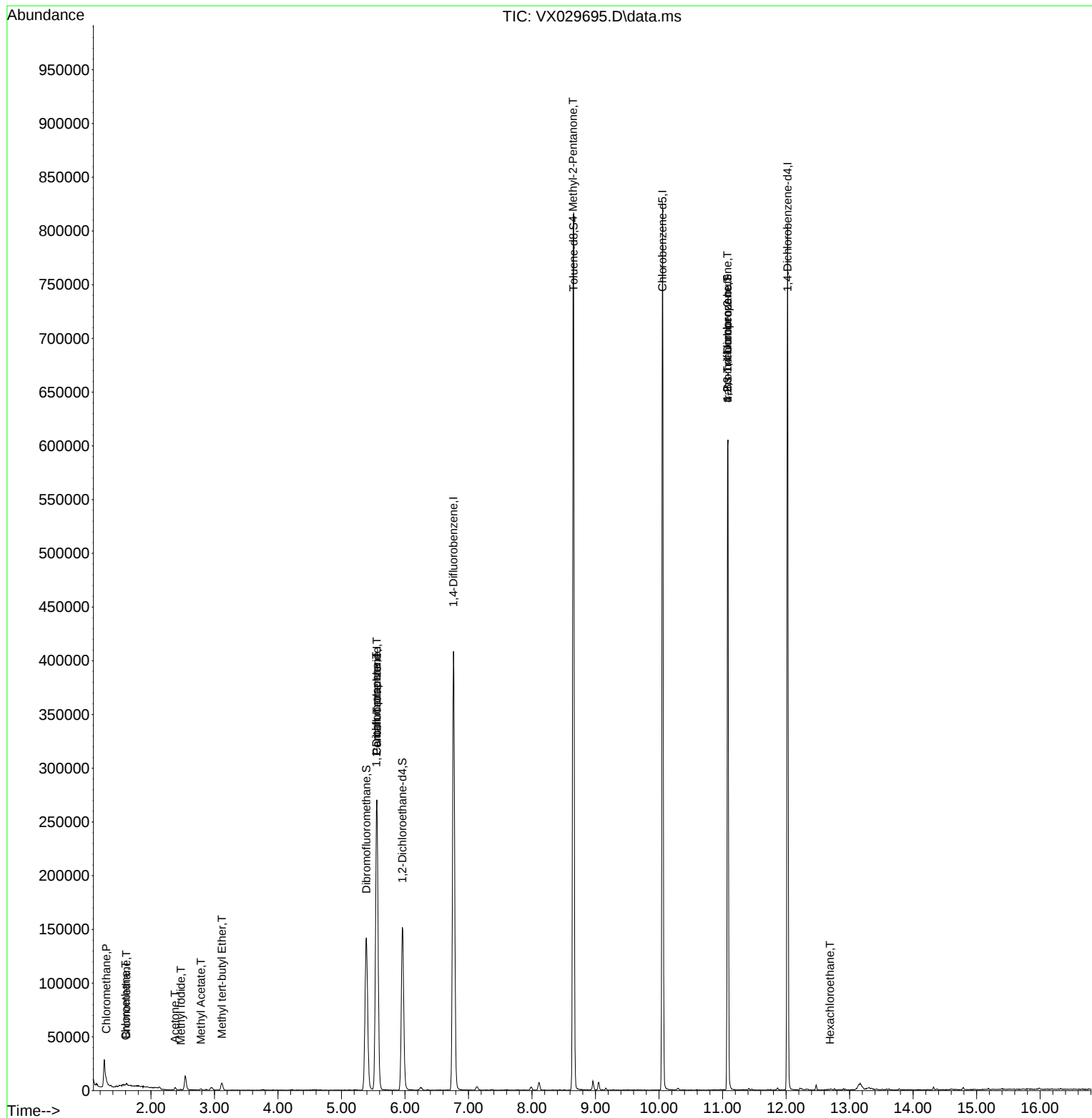
Internal Standards						
1) Pentafluorobenzene	5.556	168	261265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144396	41.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.500%
35) Dibromofluoromethane	5.391	113	129631	45.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.653	98	498953	47.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	179431	45.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1229	0.361	ug/l #	82
5) Bromomethane	1.611	94	761	0.475	ug/l #	79
6) Chloroethane	1.599	64	1111	1.733	ug/l #	48
10) Methyl Iodide	2.471	142	692	3.226	ug/l #	87
11) Tert butyl alcohol	2.959	59	2370	Below Cal	#	88
16) Acetone	2.380	43	2514	1.824	ug/l	91
18) Methyl Acetate	2.788	43	748	0.205	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	7350	0.800	ug/l	93
36) 1,1-Dichloropropene	5.550	75	19369	5.020	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26030	6.861	ug/l #	14
44) Trichloroethene	7.123	130	1653	Below Cal		97
51) 4-Methyl-2-Pentanone	8.647	43	1727	0.436	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85192	22.638	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85192	75.310	ug/l #	15
90) Hexachloroethane	12.695	117	348	0.220	ug/l #	10

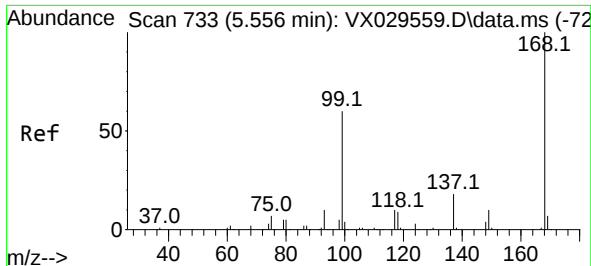
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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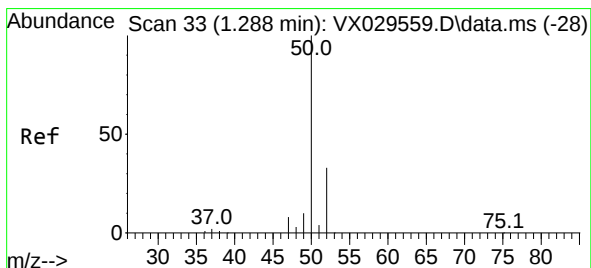
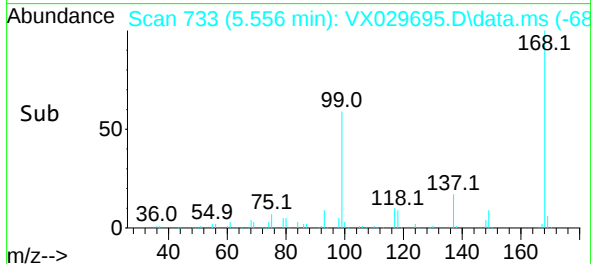
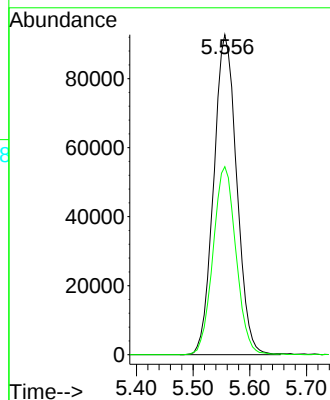
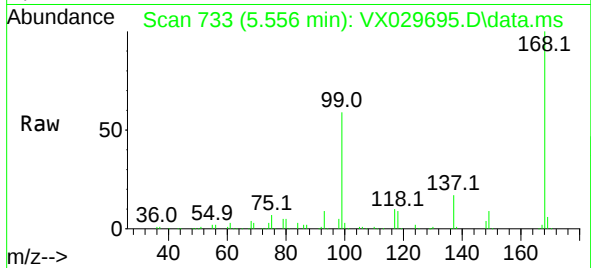




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

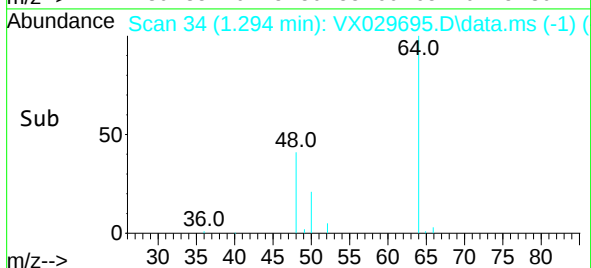
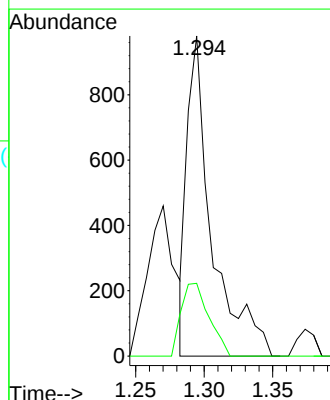
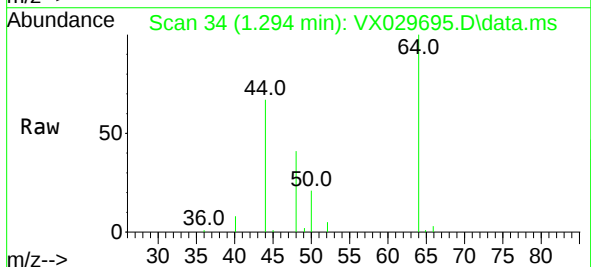
Instrument :
MSVOA_X
ClientSampleId :
MW-63

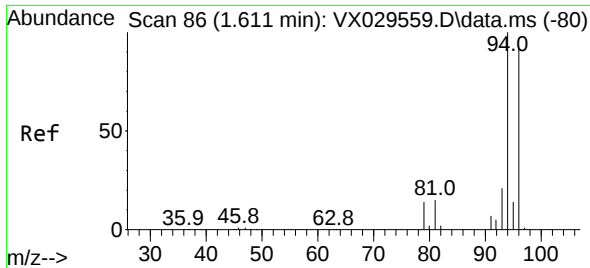
Tgt Ion:168 Resp: 261265
Ion Ratio Lower Upper
168 100
99 58.8 41.7 62.5



#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion: 50 Resp: 1229
Ion Ratio Lower Upper
50 100
52 22.8 26.4 39.6#

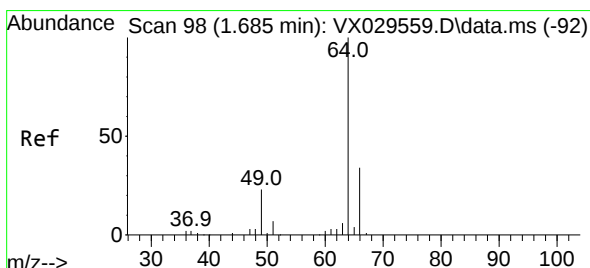
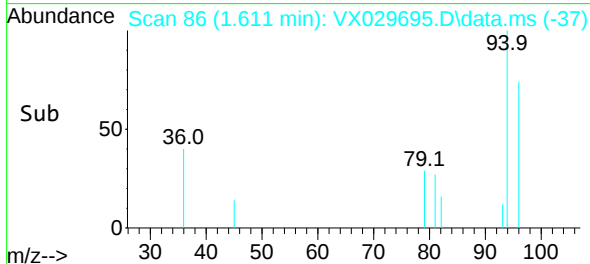
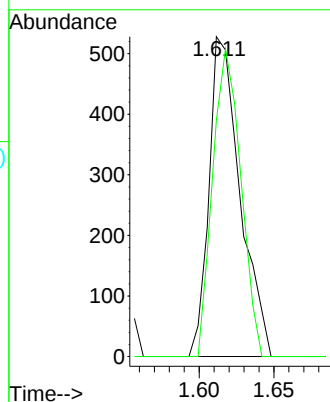
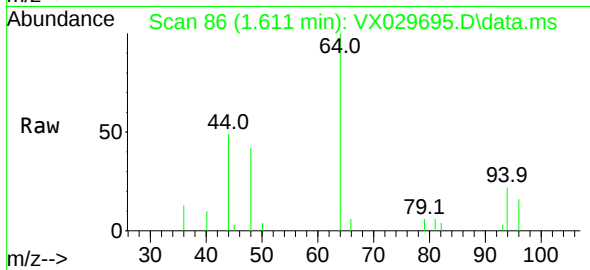




#5
Bromomethane
Concen: 0.475 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

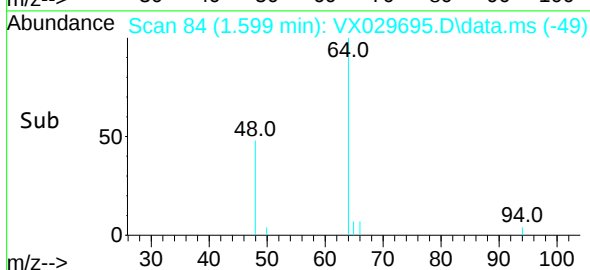
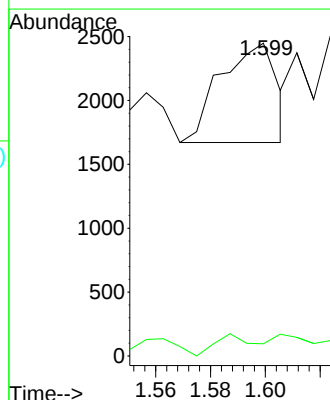
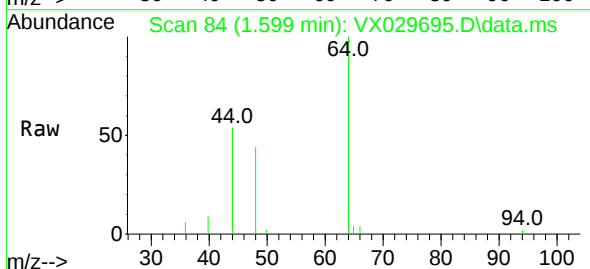
Instrument :
MSVOA_X
ClientSampleId :
MW-63

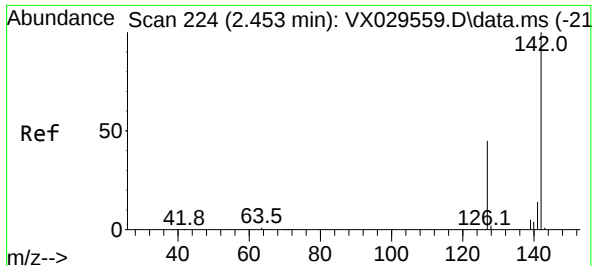
Tgt Ion: 94 Resp: 761
Ion Ratio Lower Upper
94 100
96 73.9 75.3 112.9#



#6
Chloroethane
Concen: 1.733 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.086 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion: 64 Resp: 1111
Ion Ratio Lower Upper
64 100
66 2.7 25.3 37.9#

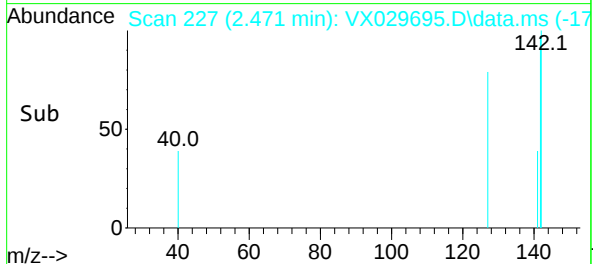
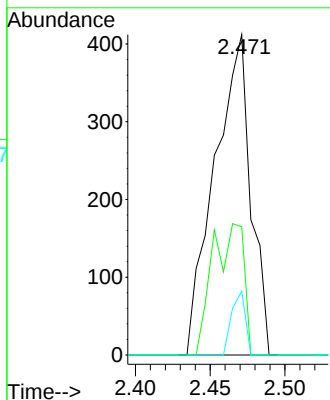
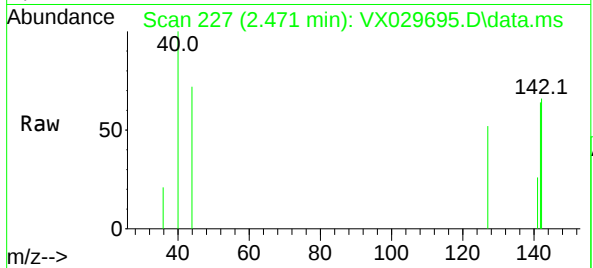




#10
Methyl Iodide
Concen: 3.226 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

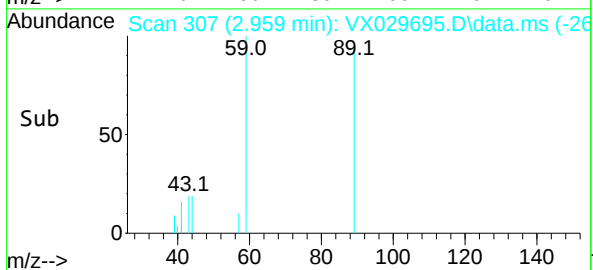
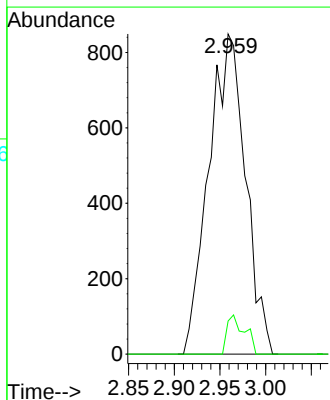
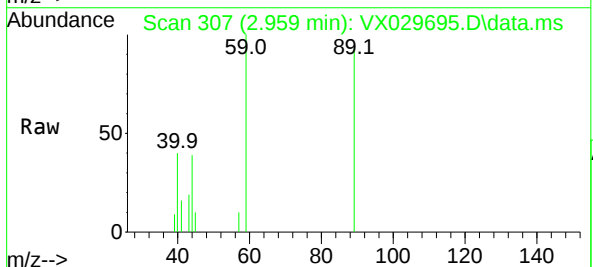
Instrument :
MSVOA_X
ClientSampleId :
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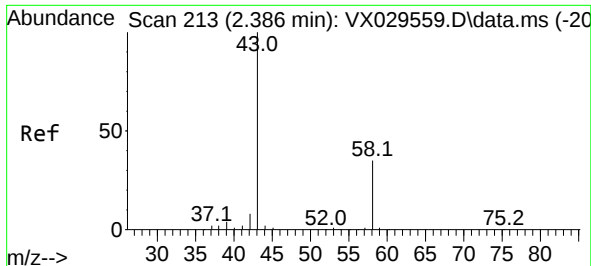
Tgt Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
127 35.3 33.9 50.9
141 7.5 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion: 59 Resp: 2370
Ion Ratio Lower Upper
59 100
57 5.8 8.3 12.5#

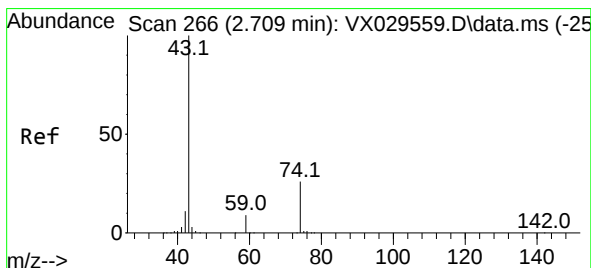
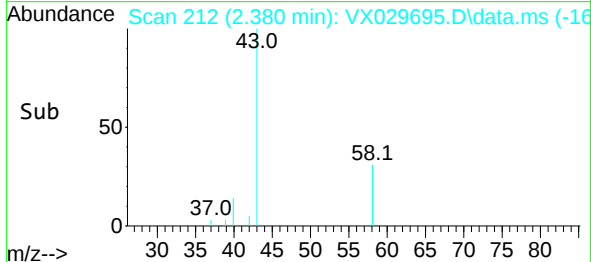
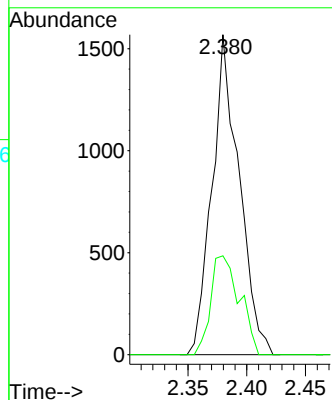
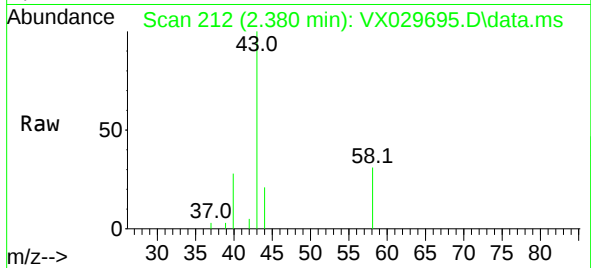




#16
Acetone
Concen: 1.824 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

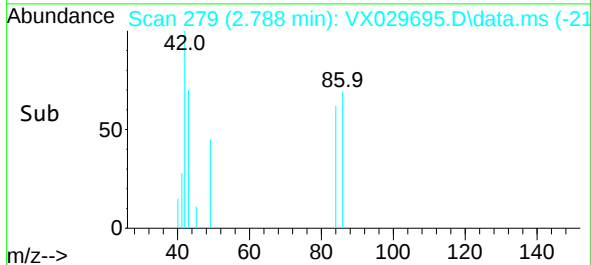
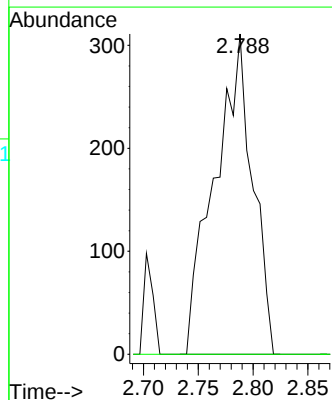
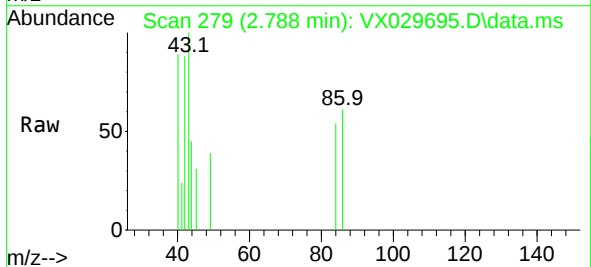
Instrument :
MSVOA_X
ClientSampleId :
MW-63

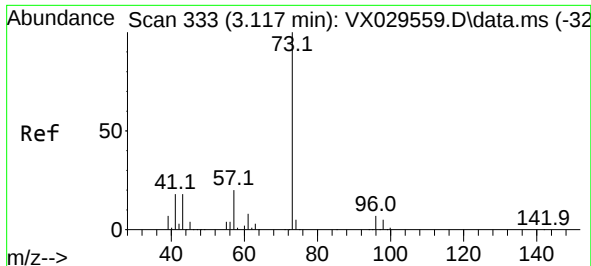
Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 30.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.079 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

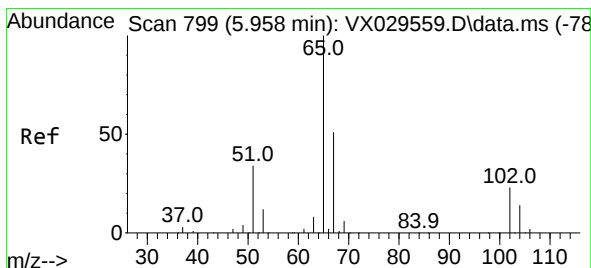
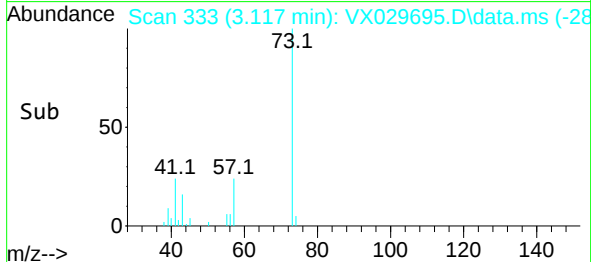
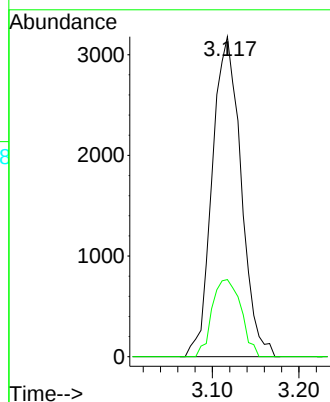
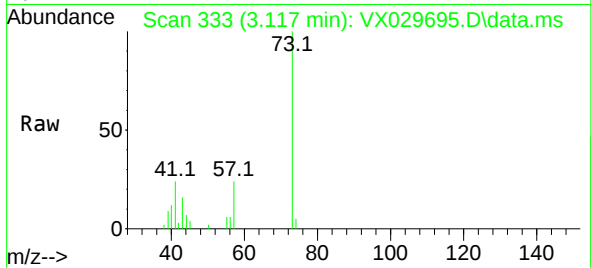




#19
Methyl tert-butyl Ether
Concen: 0.800 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

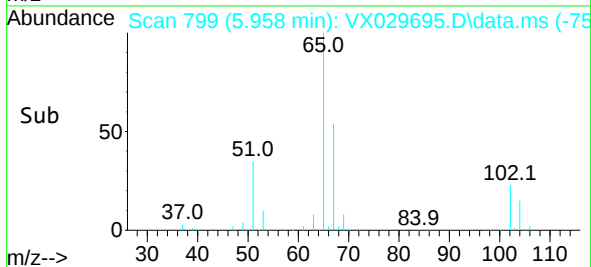
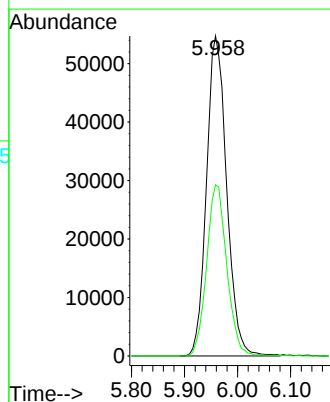
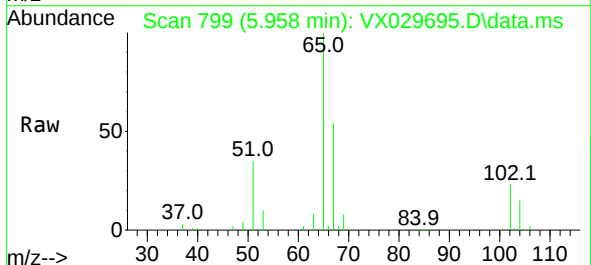
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MSVOA_X
ClientSampleId :
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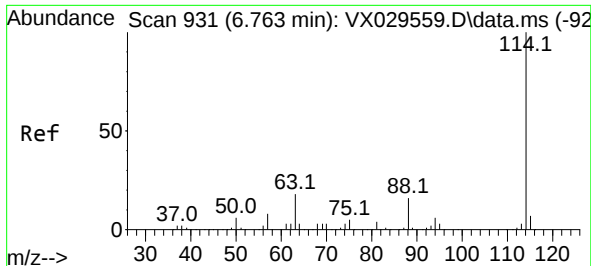
Tgt Ion: 73 Resp: 7350
Ion Ratio Lower Upper
73 100
57 24.1 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 41.752 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion: 65 Resp: 144396
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4

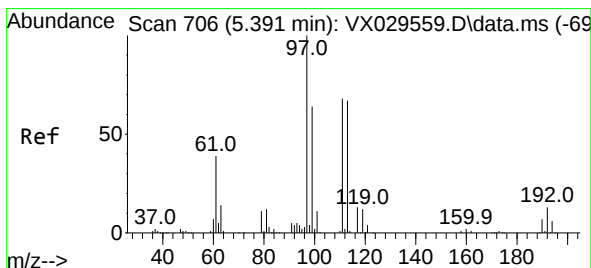
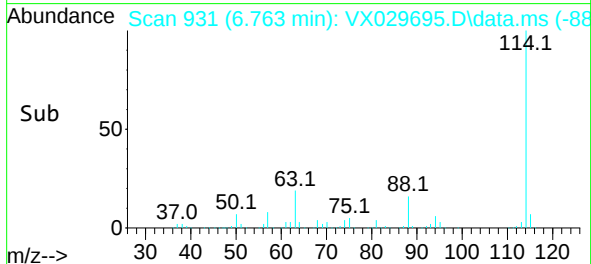
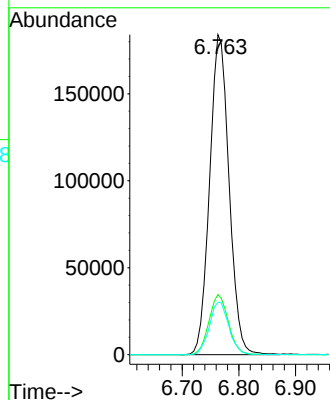
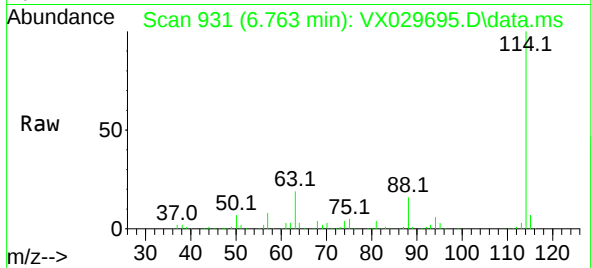




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

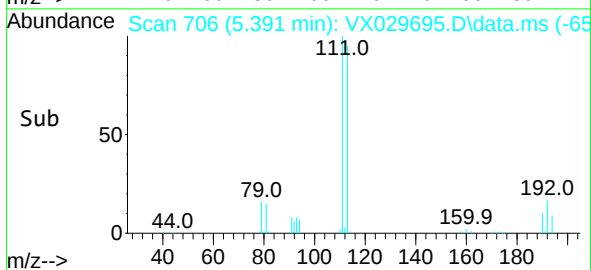
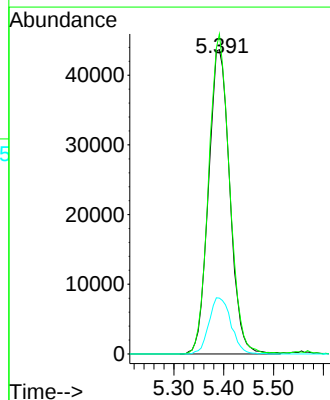
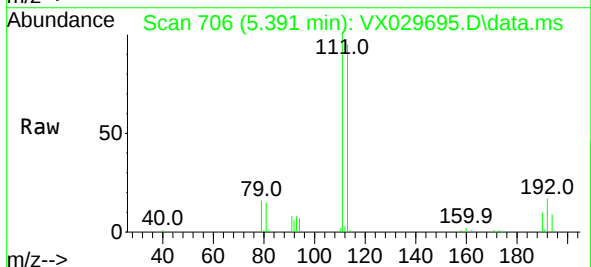
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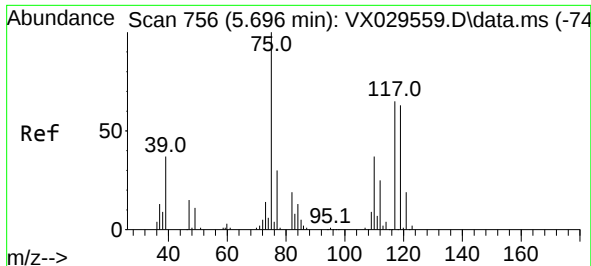
Tgt Ion:114 Resp: 437420
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.475 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion:113 Resp: 129631
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.0 16.9 25.3

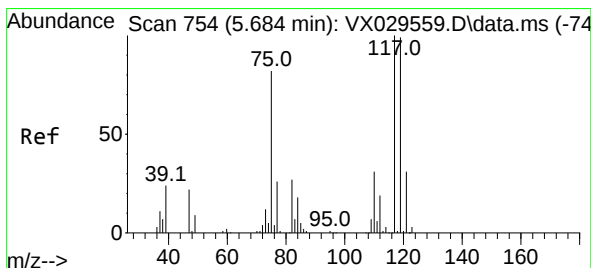
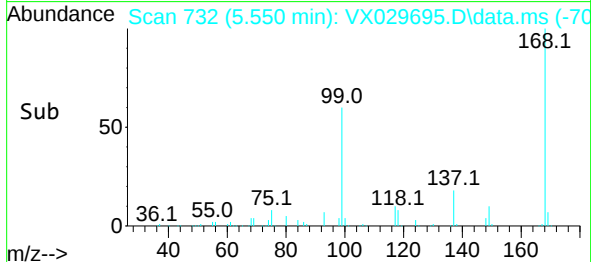
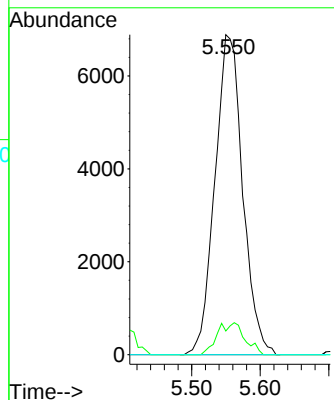
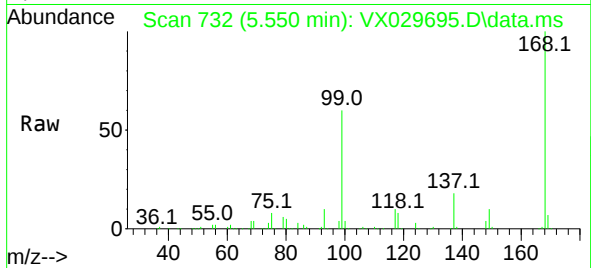




#36
 1,1-Dichloropropene
 Concen: 5.020 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.146 min
 Lab File: VX029695.D
 Acq: 22 Jun 2022 13:41

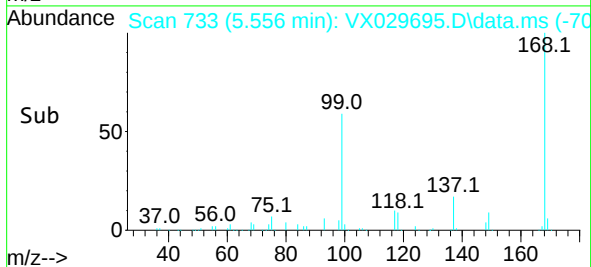
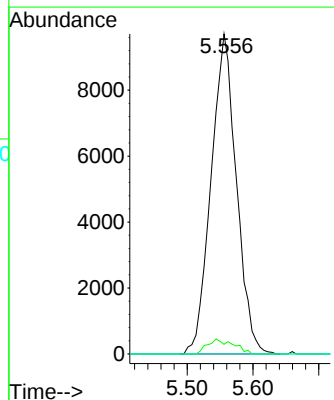
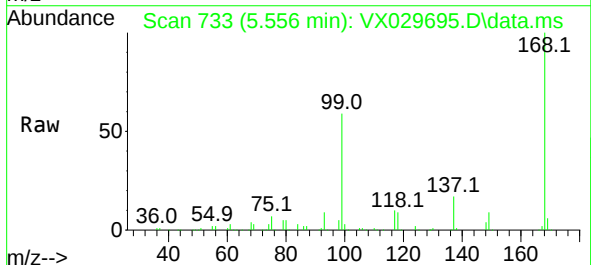
Instrument :
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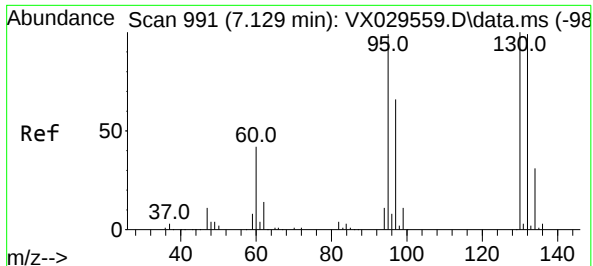
Tgt Ion: 75 Resp: 19369
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.861 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX029695.D
 Acq: 22 Jun 2022 13:41

Tgt Ion: 117 Resp: 26030
 Ion Ratio Lower Upper
 117 100
 119 3.0 77.3 115.9#
 121 0.0 24.2 36.2#

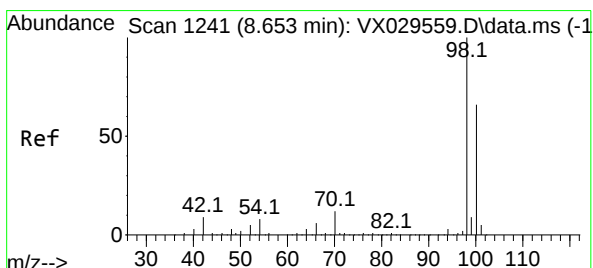
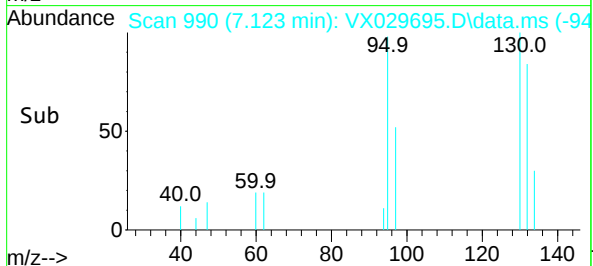
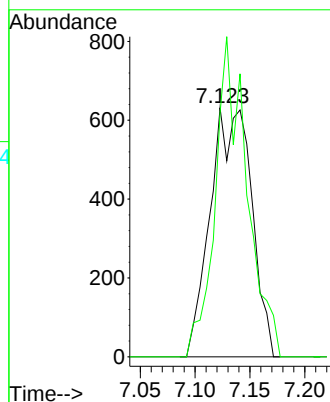
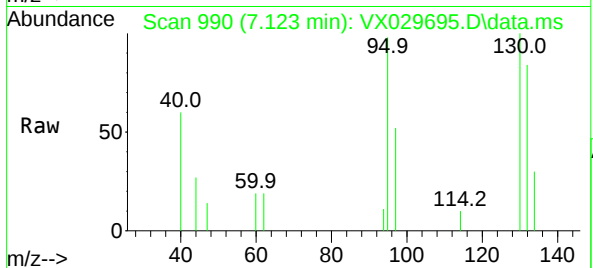




#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

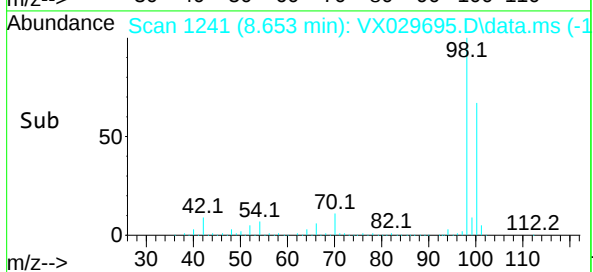
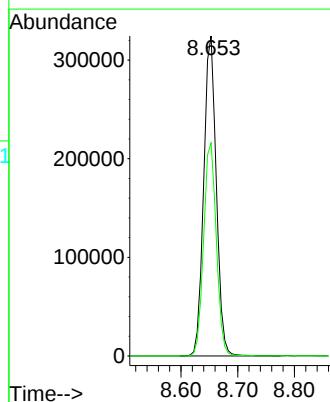
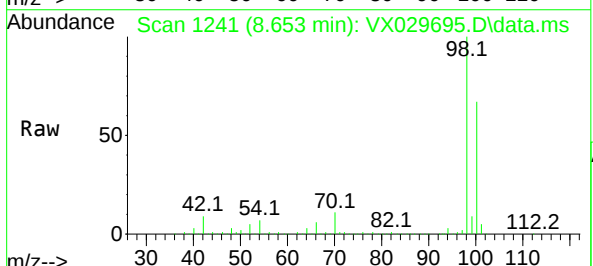
Instrument :
MSVOA_X
ClientSampleId :
MW-63

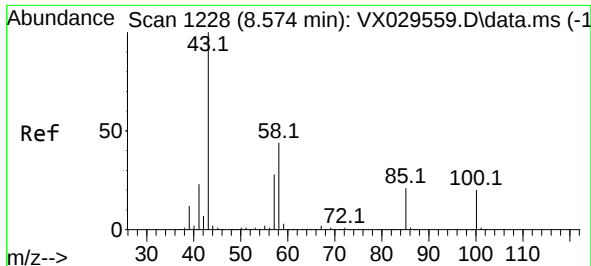
Tgt Ion:130 Resp: 1653
Ion Ratio Lower Upper
130 100
95 97.6 0.0 188.8



#50
Toluene-d8
Concen: 47.913 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion: 98 Resp: 498953
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.436 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX029695.D

Acq: 22 Jun 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

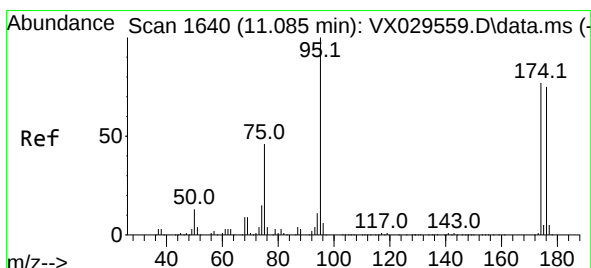
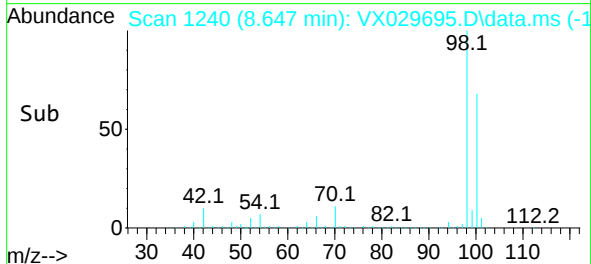
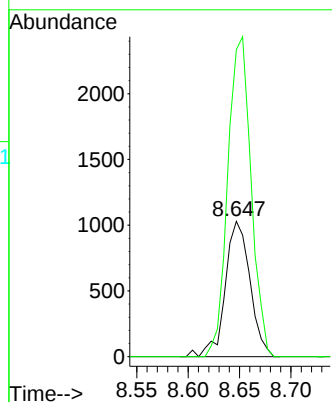
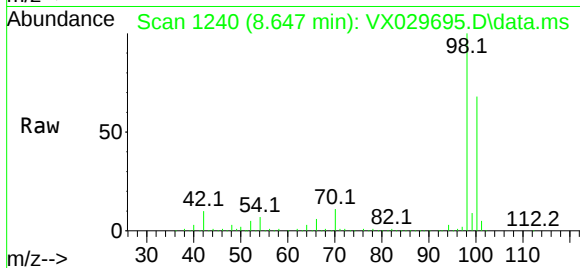
MW-63

Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

58 221.9 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 45.690 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029695.D

Acq: 22 Jun 2022 13:41

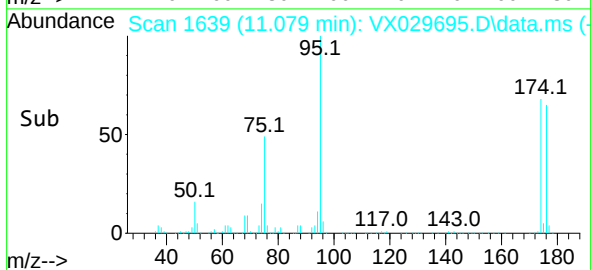
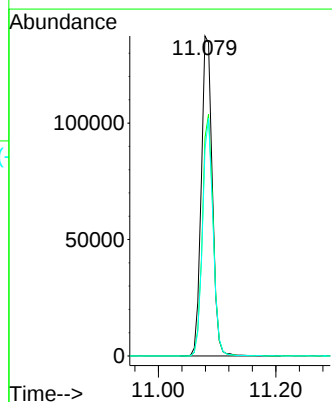
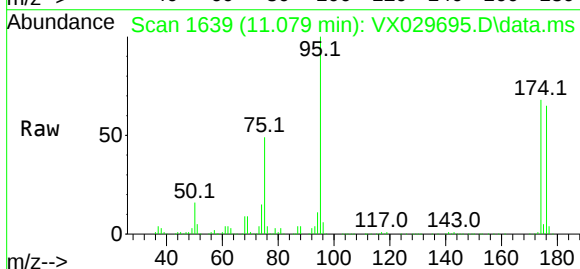
Tgt Ion: 95 Resp: 179431

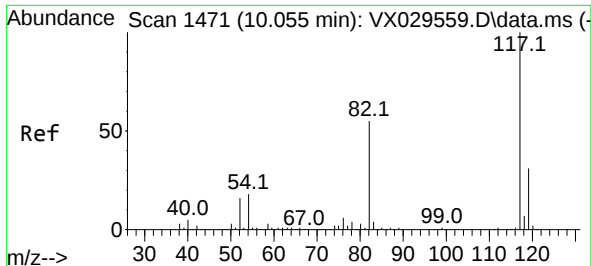
Ion Ratio Lower Upper

95 100

174 73.5 0.0 163.0

176 71.0 0.0 155.0

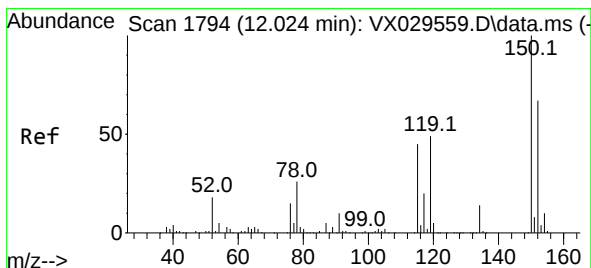
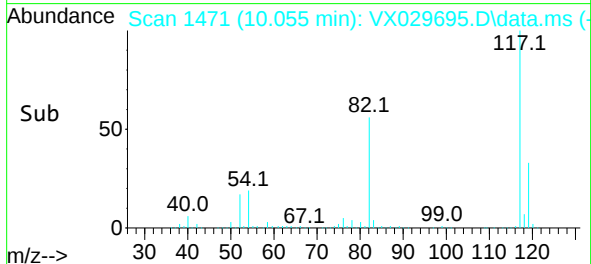
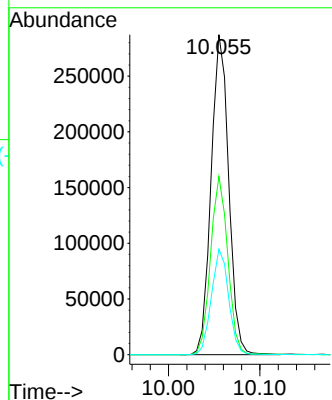
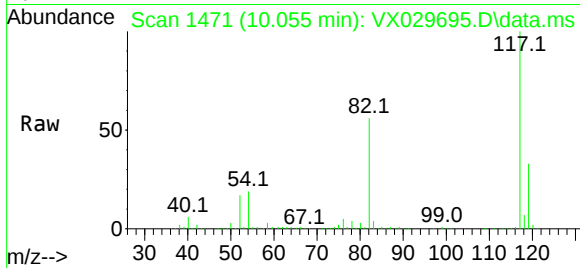




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

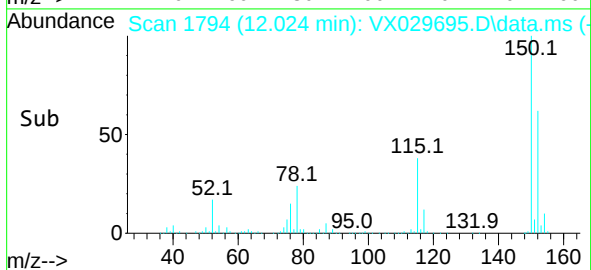
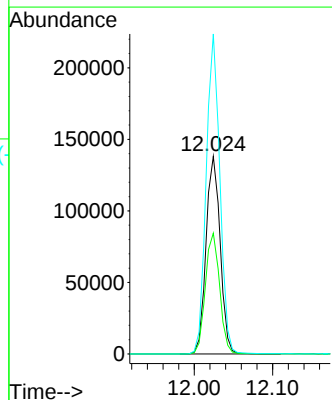
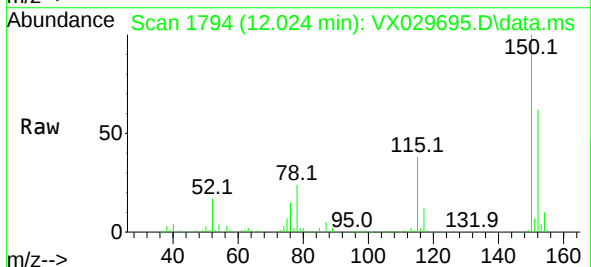
Instrument :
MSVOA_X
ClientSampleId :
MW-63

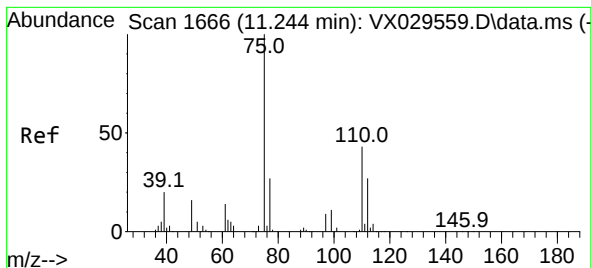
Tgt Ion:117 Resp: 383099
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029695.D
Acq: 22 Jun 2022 13:41

Tgt Ion:152 Resp: 172746
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 156.8 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 22.638 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX029695.D

Acq: 22 Jun 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

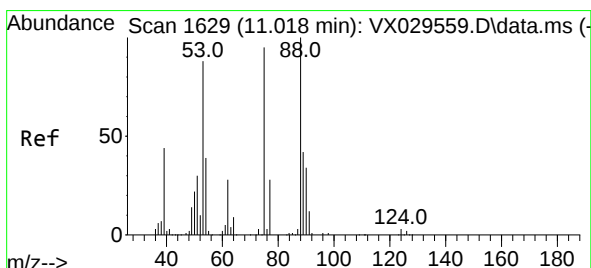
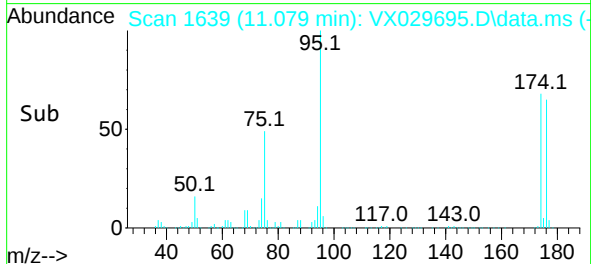
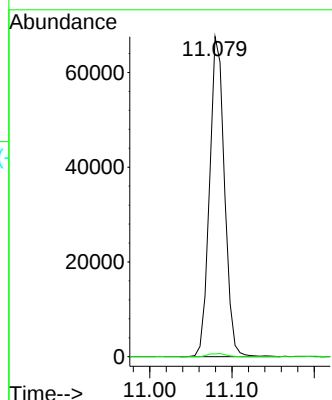
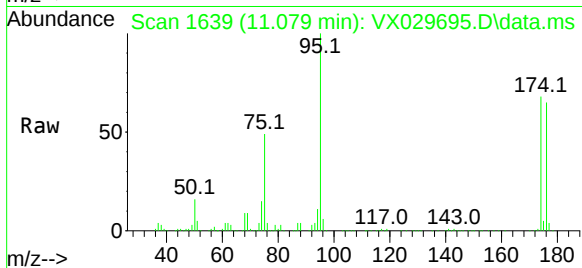
MW-63

Tgt Ion: 75 Resp: 85192

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.310 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX029695.D

Acq: 22 Jun 2022 13:41

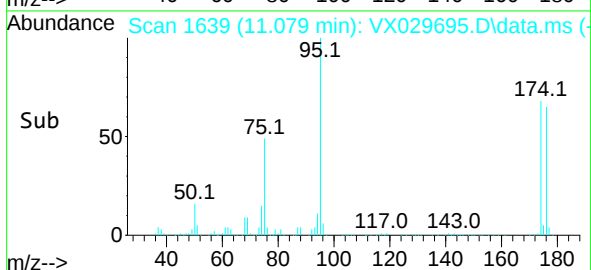
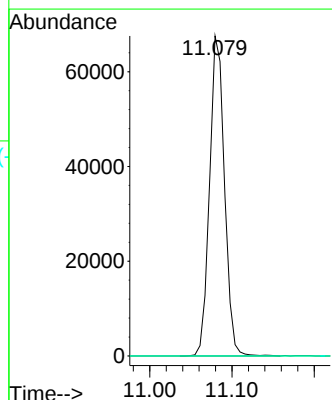
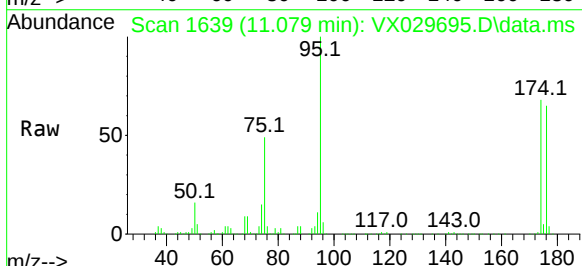
Tgt Ion: 75 Resp: 85192

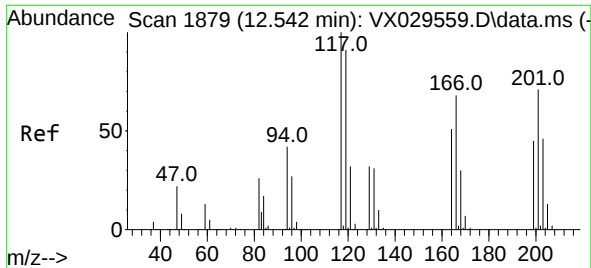
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#





#90
 Hexachloroethane
 Concen: 0.220 ug/l
 RT: 12.695 min Scan# 1904
 Delta R.T. 0.153 min
 Lab File: VX029695.D
 Acq: 22 Jun 2022 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-63

Tgt Ion:117 Resp: 348
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

