

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033022.D
 Acq On : 23 Nov 2022 16:11
 Operator : JC/MD
 Sample : N5741-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Quant Time: Nov 24 04:06:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

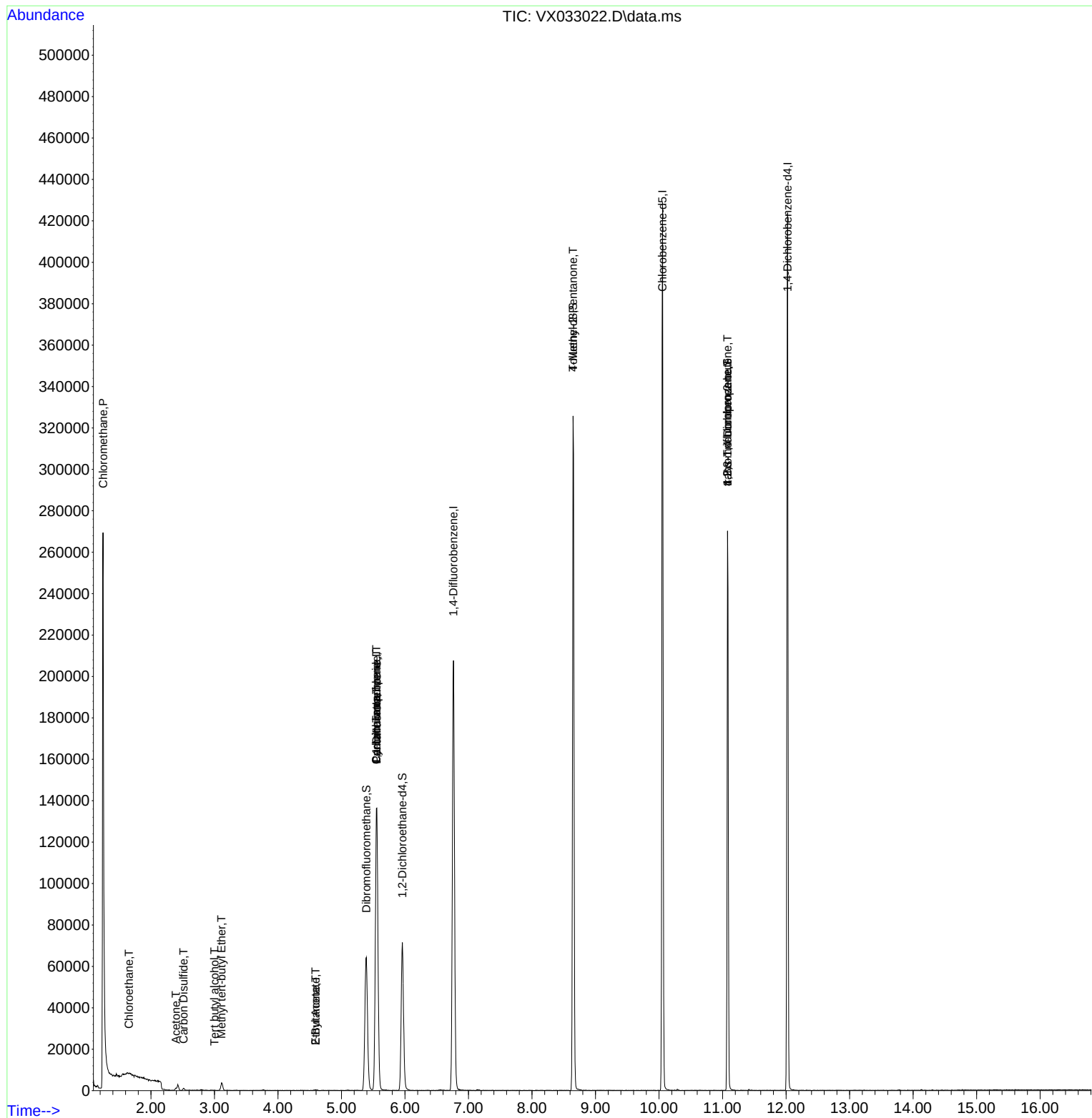
Internal Standards						
1) Pentafluorobenzene	5.556	168	129833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70879	56.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.520%	
35) Dibromofluoromethane	5.391	113	55443	46.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.740%	
50) Toluene-d8	8.647	98	192725	54.332	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.660%	
62) 4-Bromofluorobenzene	11.079	95	67890	43.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	6375	5.953	ug/l #	43
6) Chloroethane	1.654	64	1602	1.650	ug/l #	53
11) Tert butyl alcohol	3.001	59	97	0.484	ug/l #	72
16) Acetone	2.392	43	1320	2.235	ug/l #	79
17) Carbon Disulfide	2.514	76	1493	0.477	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	3887	0.989	ug/l	97
20) Methylene Chloride	2.782	84	164	Below Cal	#	57
25) 2-Butanone	4.593	43	545	0.669	ug/l #	47
31) Cyclohexane	5.550	56	2901	1.416	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	9892	5.229	ug/l #	50
37) Ethyl Acetate	4.593	43	545	0.330	ug/l #	67
38) Carbon Tetrachloride	5.550	117	13164	6.273	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	952	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36599	22.345	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36599	72.632	ug/l #	6

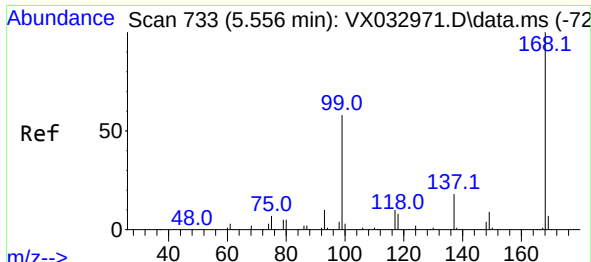
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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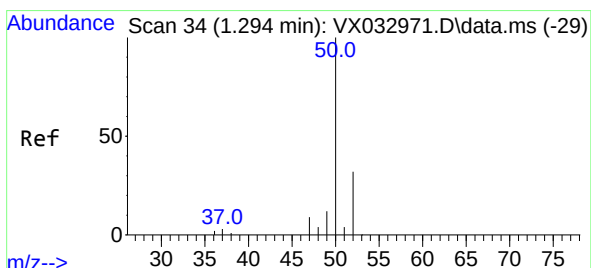
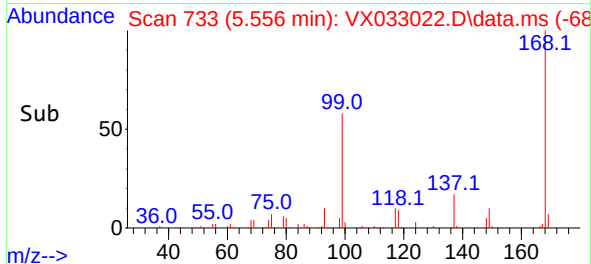
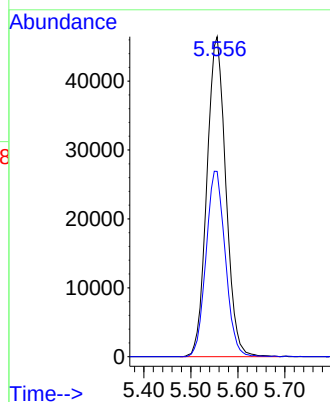
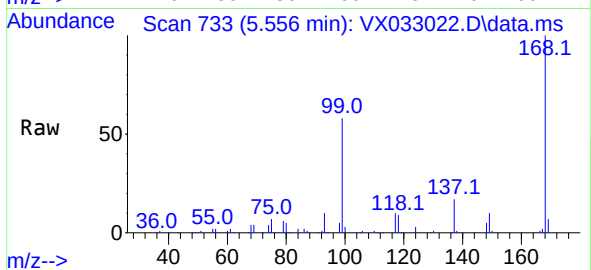




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

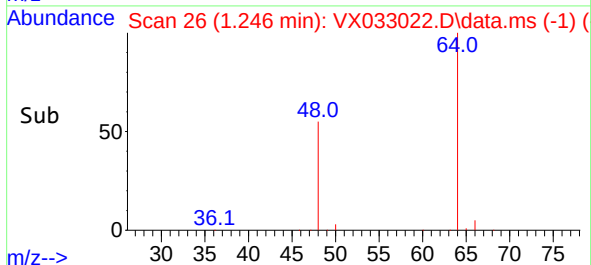
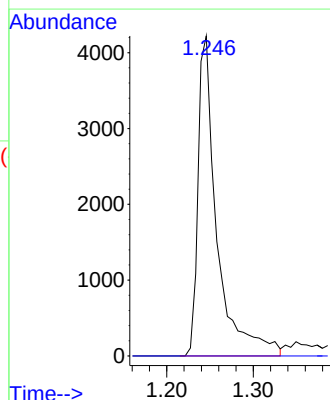
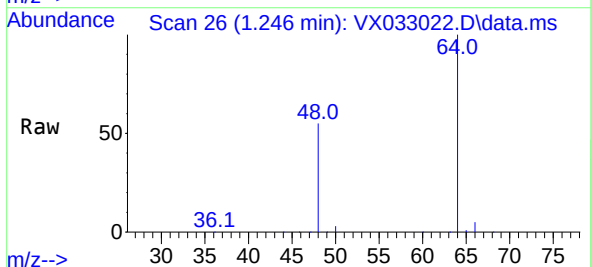
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

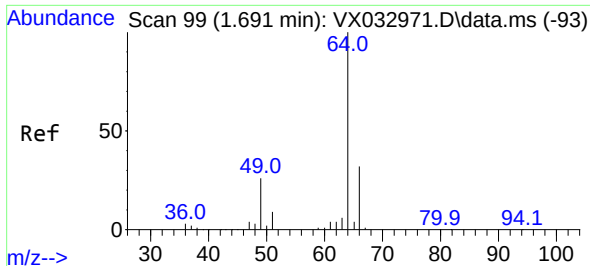
Tgt Ion:168 Resp: 129833
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#3
Chloromethane
Concen: 5.953 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 50 Resp: 6375
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

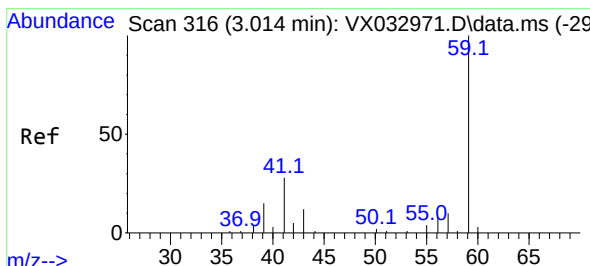
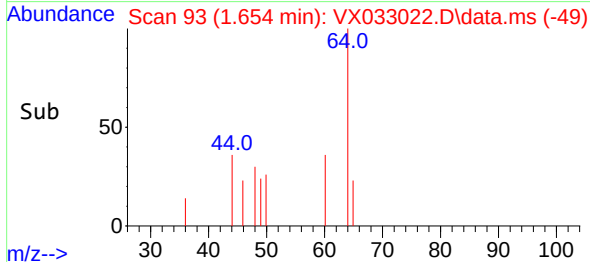
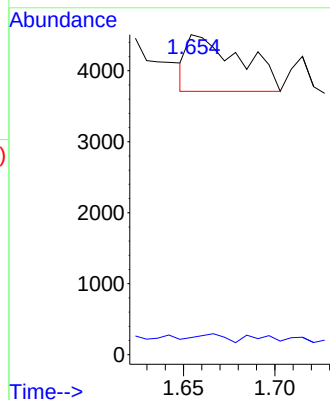
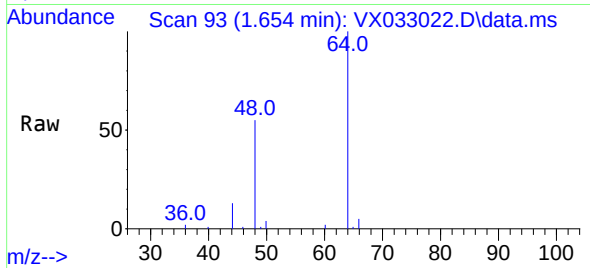




#6
Chloroethane
Concen: 1.650 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

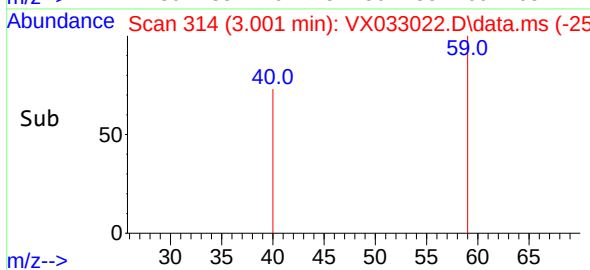
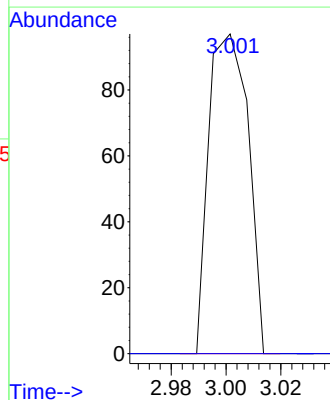
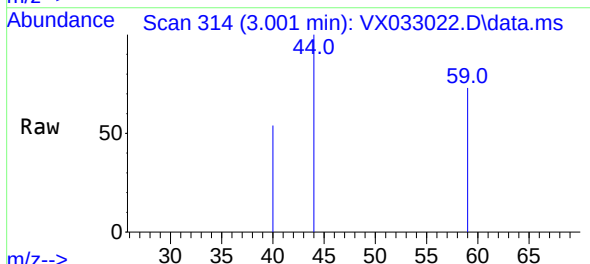
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

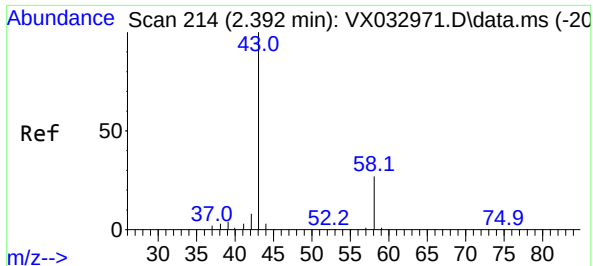
Tgt Ion: 64 Resp: 1602
Ion Ratio Lower Upper
64 100
66 6.3 26.0 39.0#



#11
Tert butyl alcohol
Concen: 0.484 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.036 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

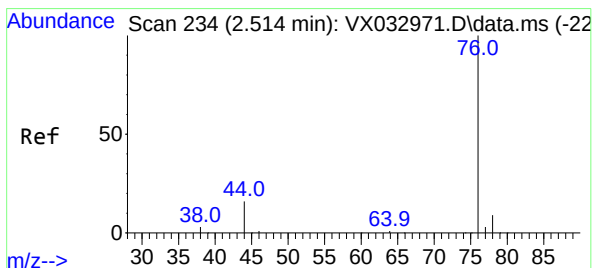
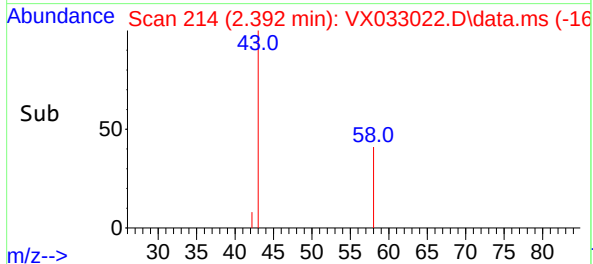
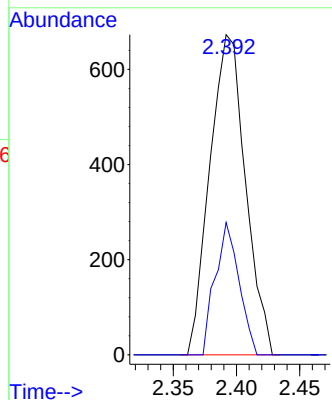
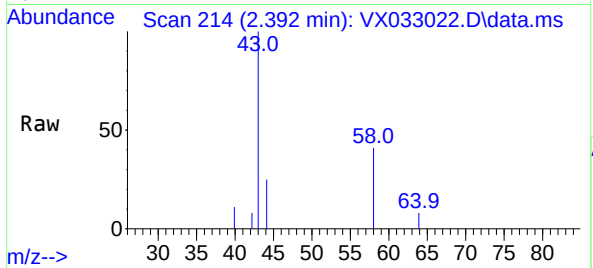




#16
Acetone
Concen: 2.235 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

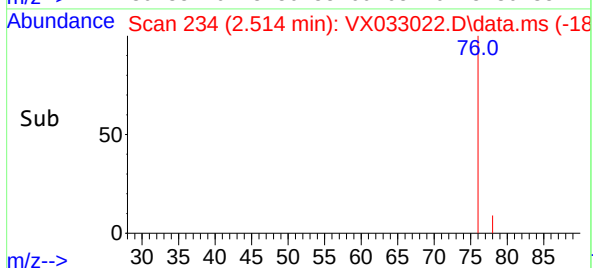
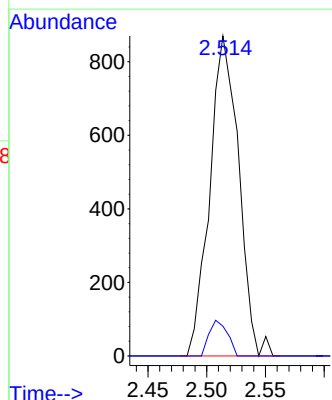
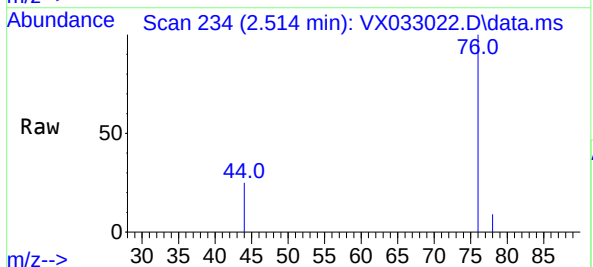
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

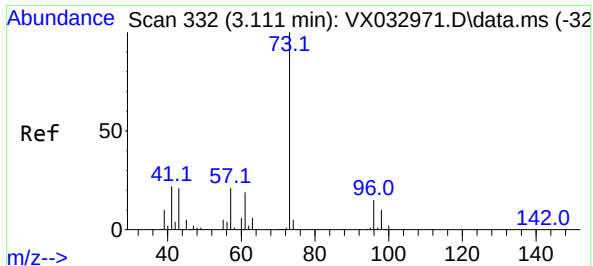
Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 41.3 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.477 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 76 Resp: 1493
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

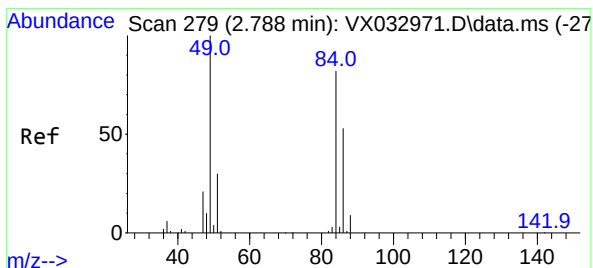
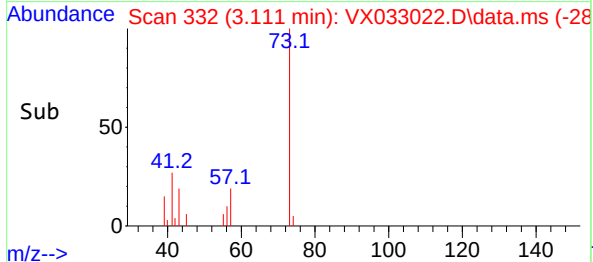
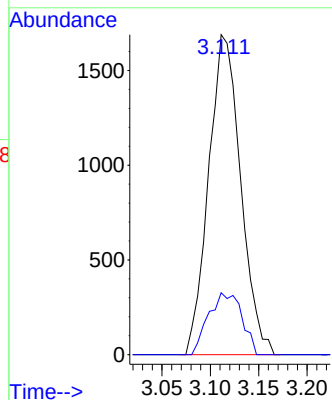
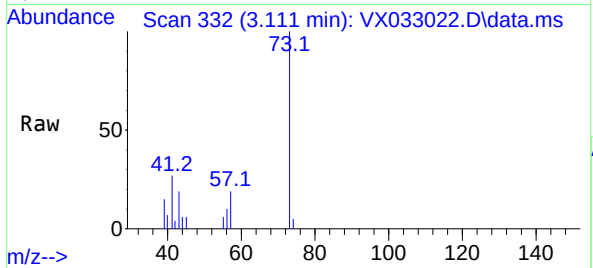




#19
Methyl tert-butyl Ether
Concen: 0.989 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

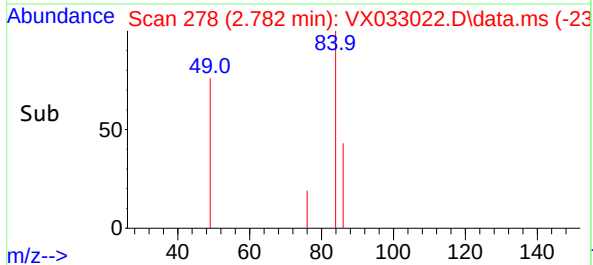
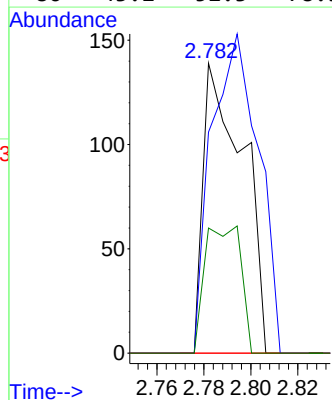
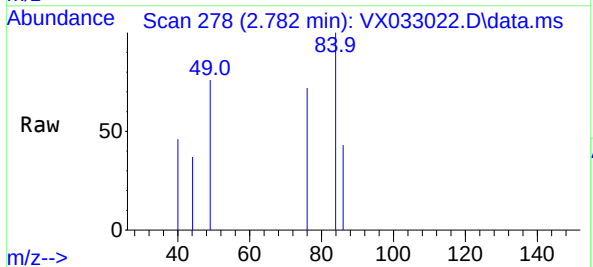
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

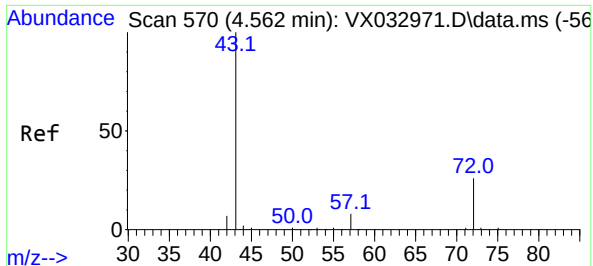
Tgt Ion: 73 Resp: 3887
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 84 Resp: 164
Ion Ratio Lower Upper
84 100
49 76.3 101.0 151.6#
51 0.0 31.1 46.7#
86 43.2 52.3 78.5#





#25

2-Butanone

Concen: 0.669 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

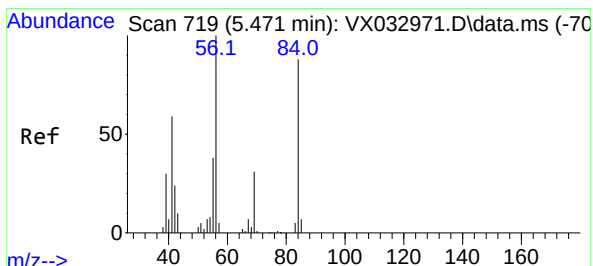
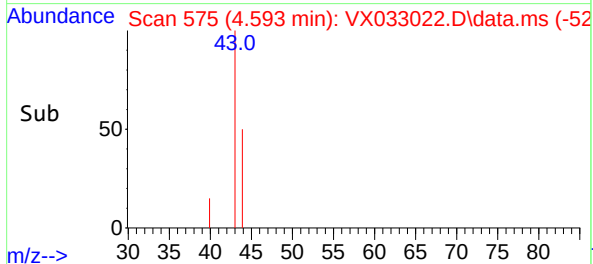
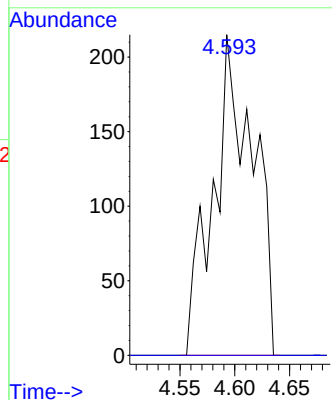
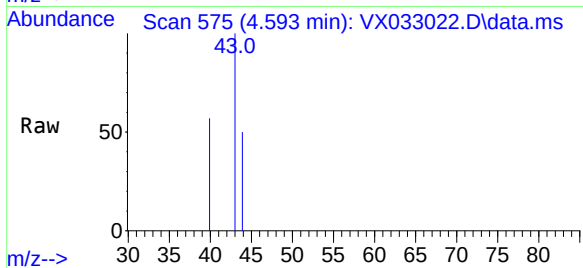
MW-18R

Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.416 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

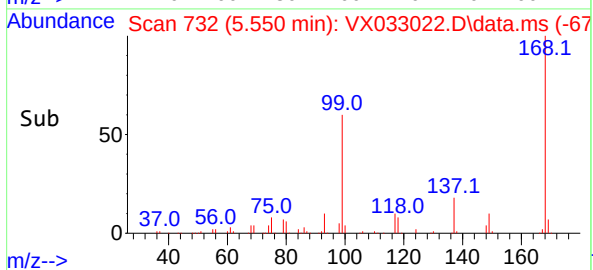
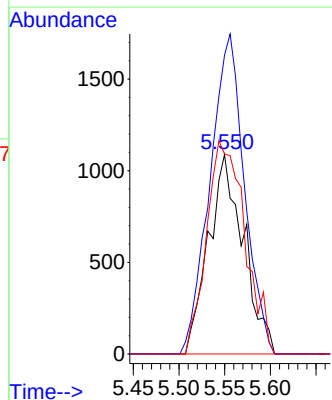
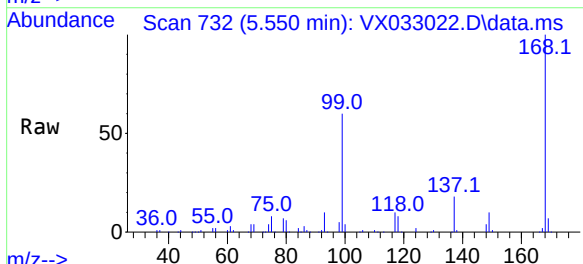
Tgt Ion: 56 Resp: 2901

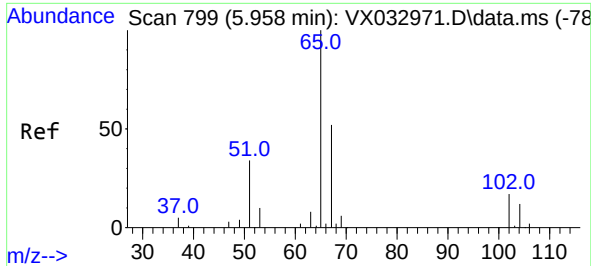
Ion Ratio Lower Upper

56 100

69 149.7 24.1 36.1#

84 100.2 66.9 100.3

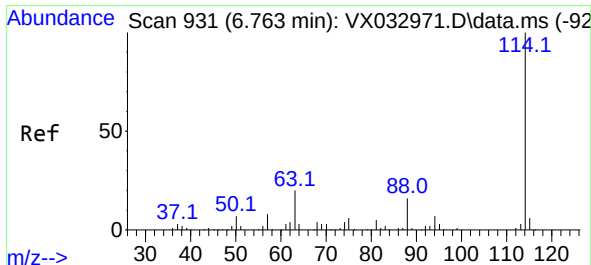
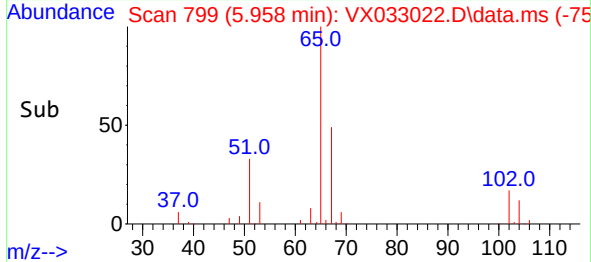
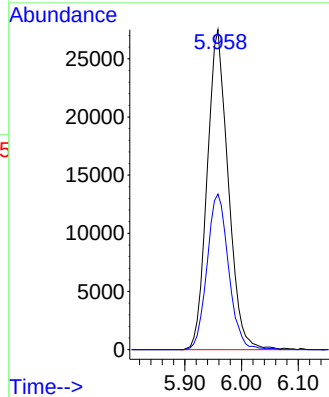
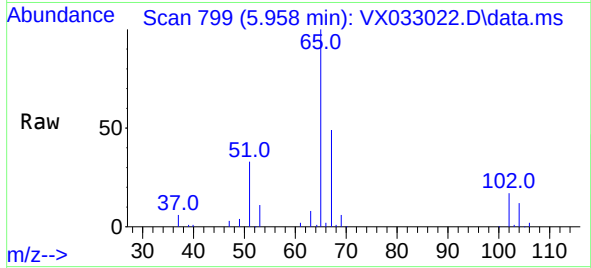




#33
1,2-Dichloroethane-d4
Concen: 56.261 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

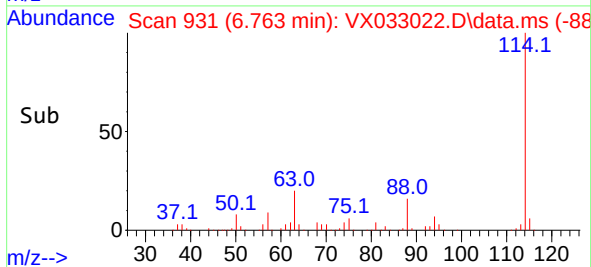
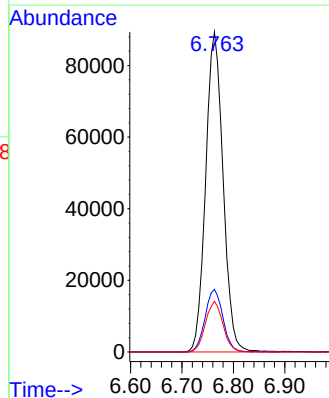
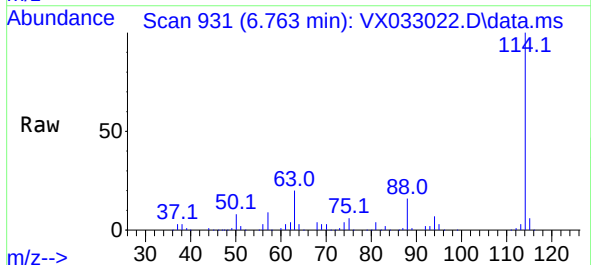
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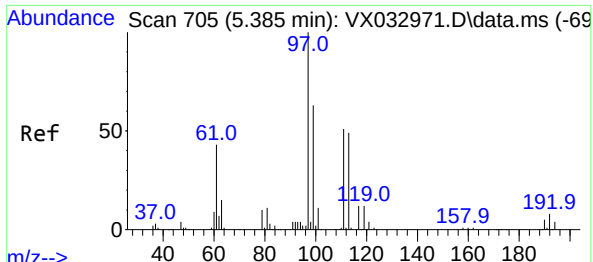
Tgt Ion: 65 Resp: 70879
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 114 Resp: 209841
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.866 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

MW-18R

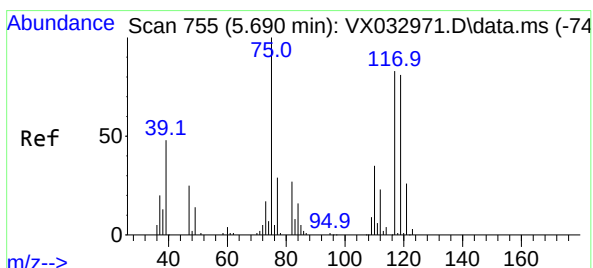
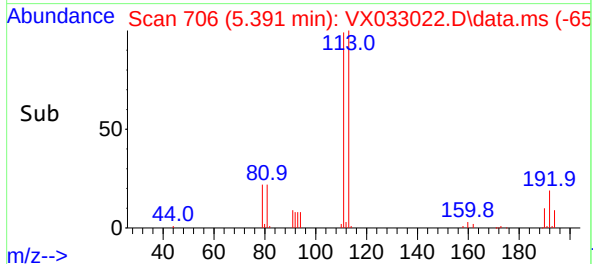
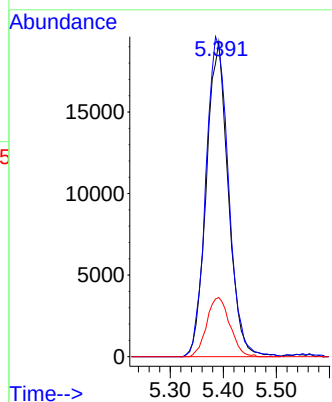
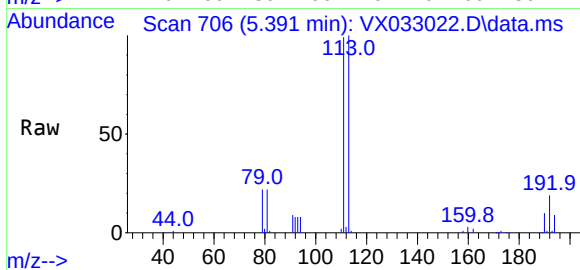
Tgt Ion:113 Resp: 55443

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

192 19.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.229 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

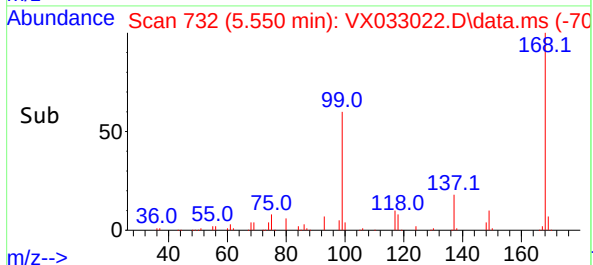
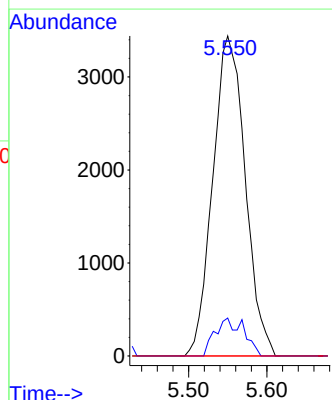
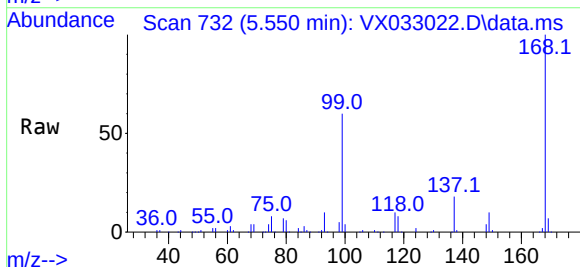
Tgt Ion: 75 Resp: 9892

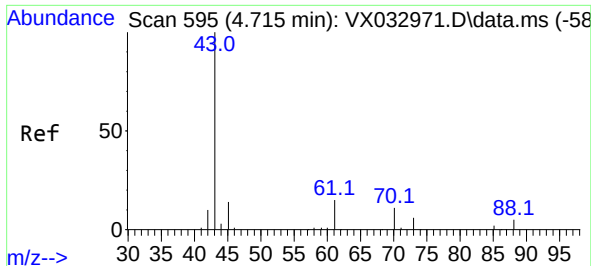
Ion Ratio Lower Upper

75 100

110 10.4 18.4 55.2#

77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.330 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

MW-18R

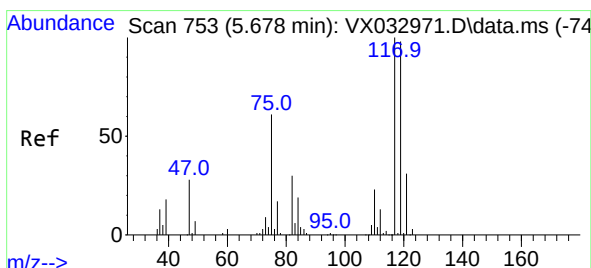
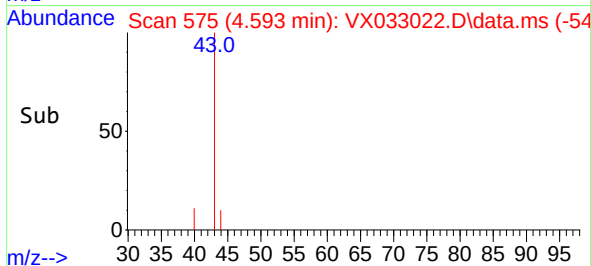
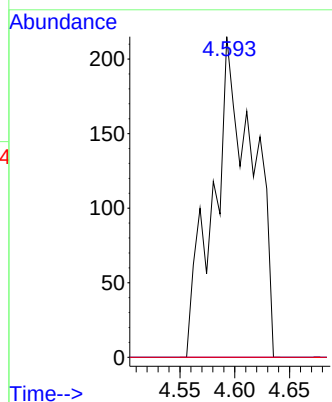
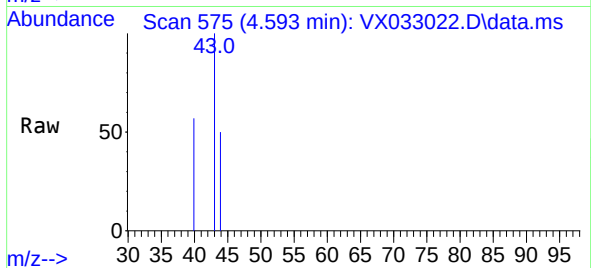
Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 9.1 13.7#



#38

Carbon Tetrachloride

Concen: 6.273 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

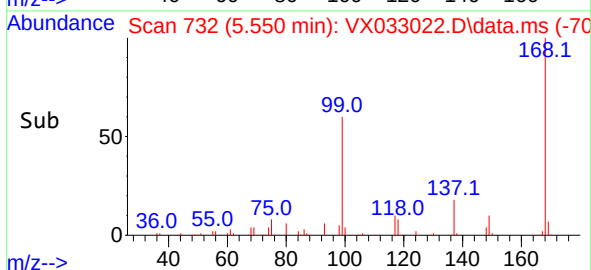
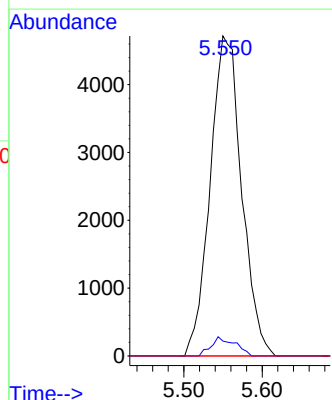
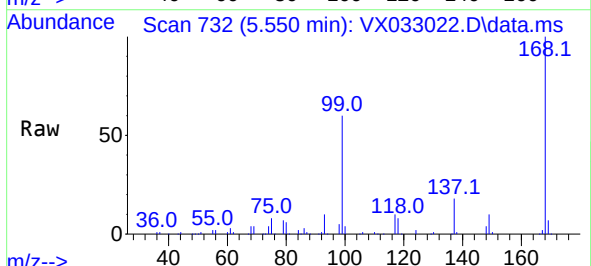
Tgt Ion: 117 Resp: 13164

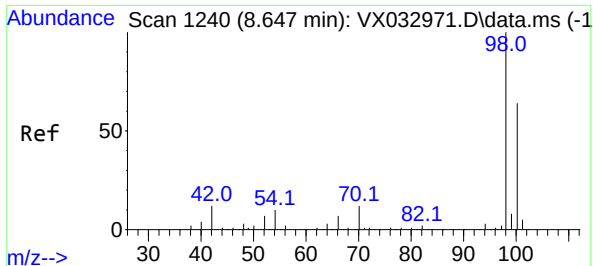
Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 25.8 38.6#

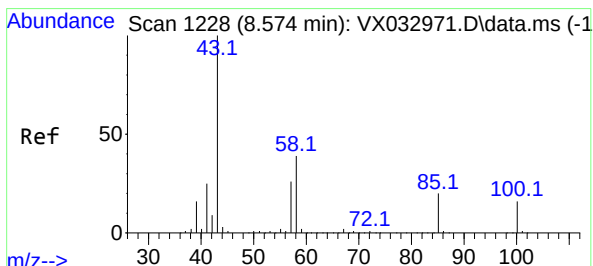
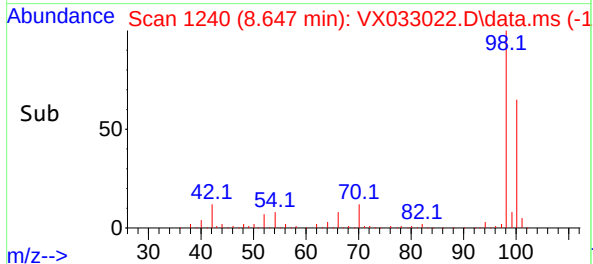
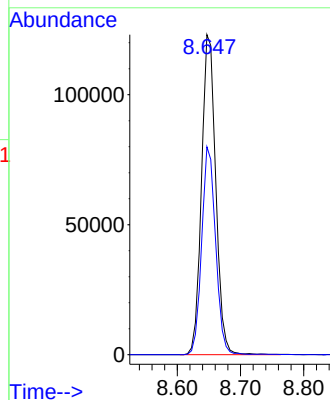
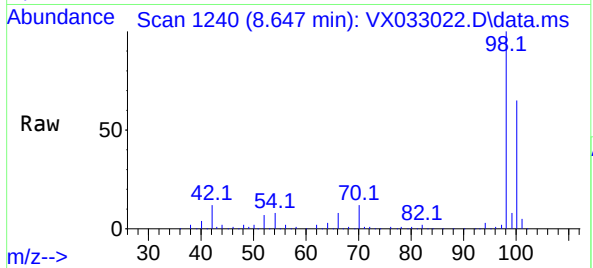




#50
Toluene-d8
Concen: 54.332 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

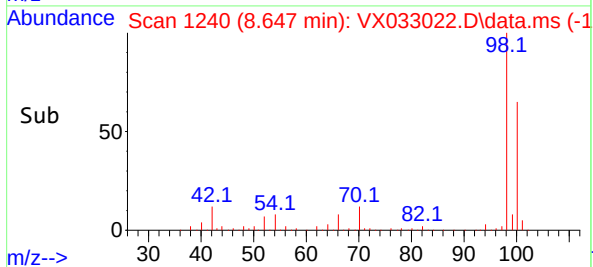
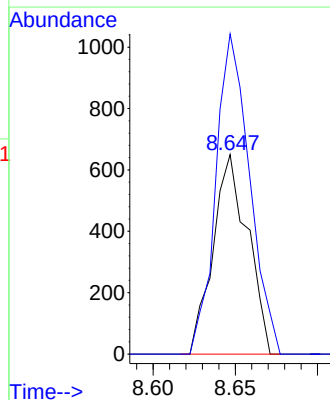
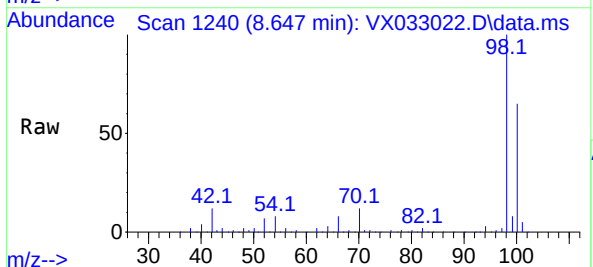
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

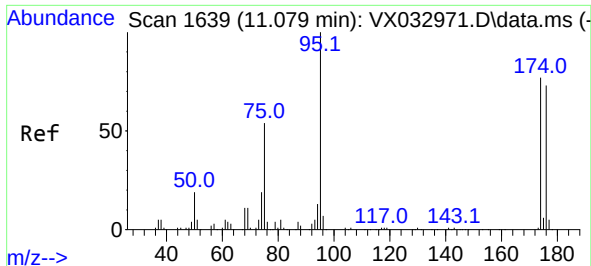
Tgt Ion: 98 Resp: 192725
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 156.8 30.9 46.3#

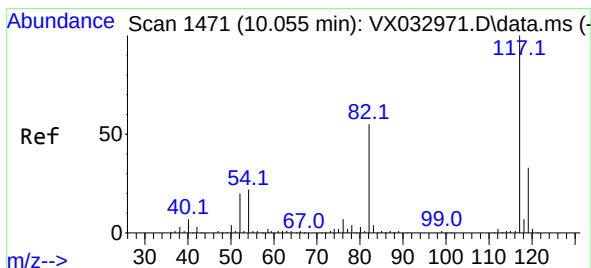
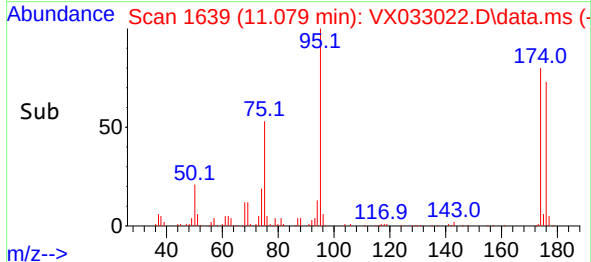
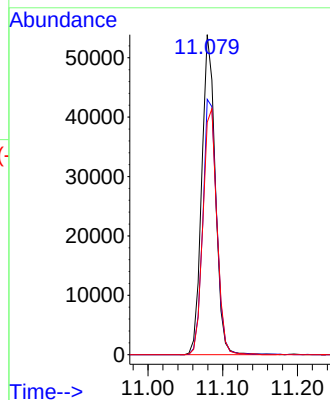
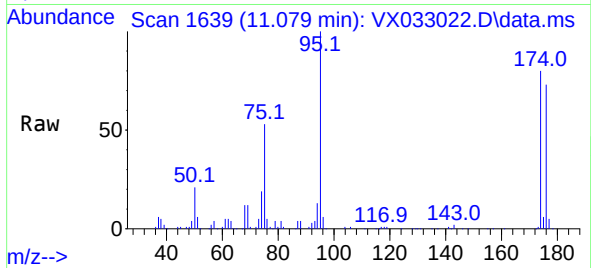




#62
4-Bromofluorobenzene
Concen: 43.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

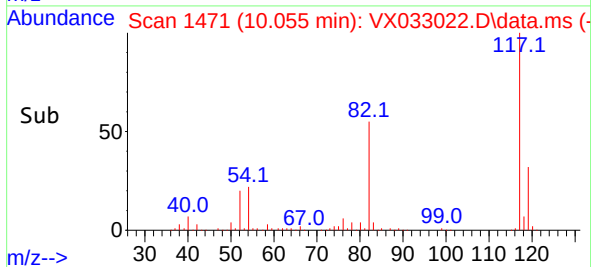
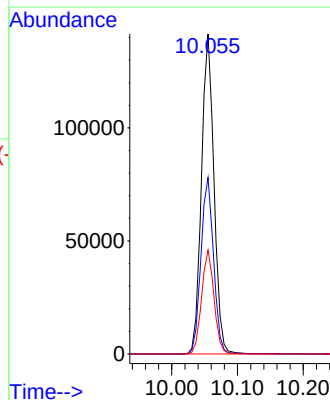
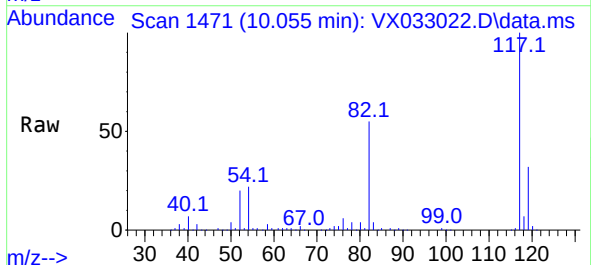
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

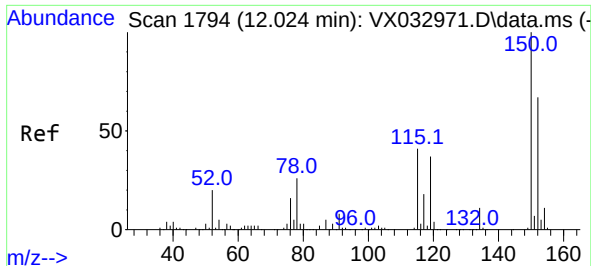
Tgt Ion: 95 Resp: 67890
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 117 Resp: 186899
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.4 25.7 38.5

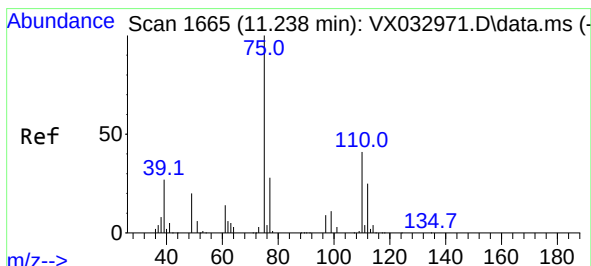
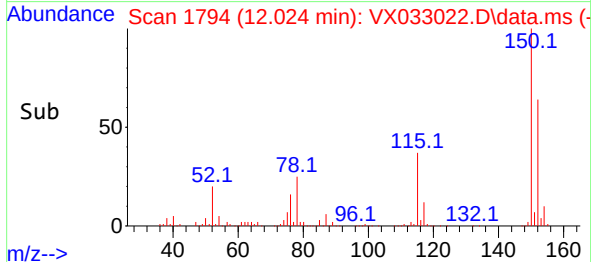
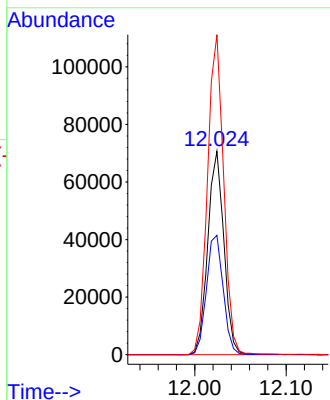
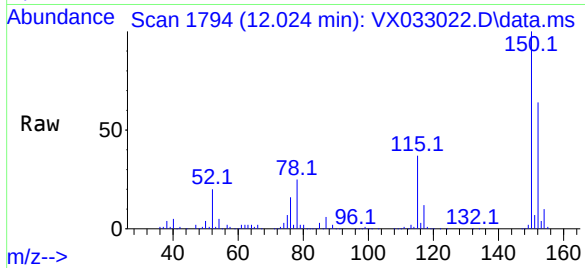




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

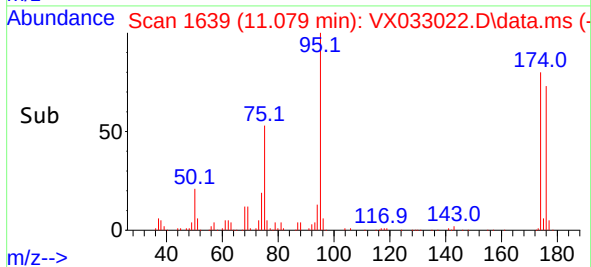
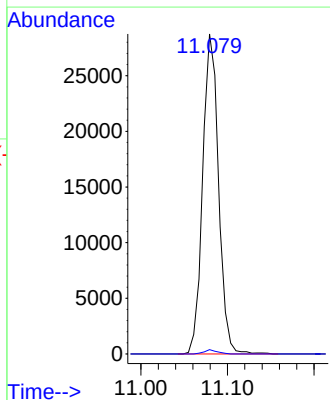
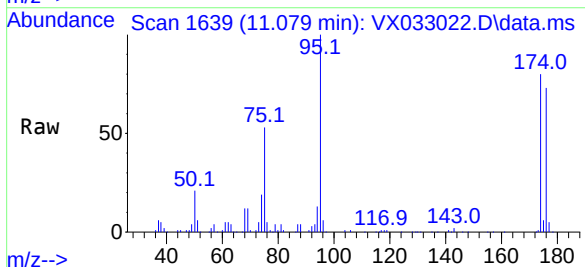
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

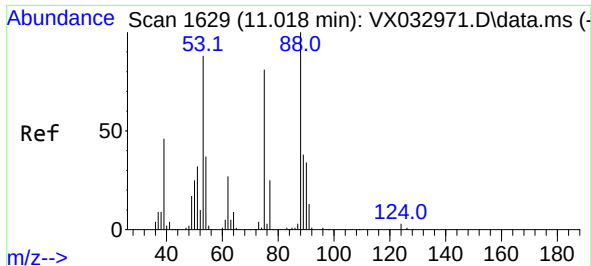
Tgt Ion:152 Resp: 86485
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 157.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 75 Resp: 36599
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.632 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033022.D
 Acq: 23 Nov 2022 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Tgt Ion: 75 Resp: 36599
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

