

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032037.D
 Acq On : 11 Oct 2022 15:22
 Operator : JC/MD
 Sample : N4937-14 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-121

Quant Time: Oct 12 05:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	74260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75333	49.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.240%
35) Dibromofluoromethane	5.385	113	58821	47.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.647	98	222595	49.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.079	95	71341	45.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%

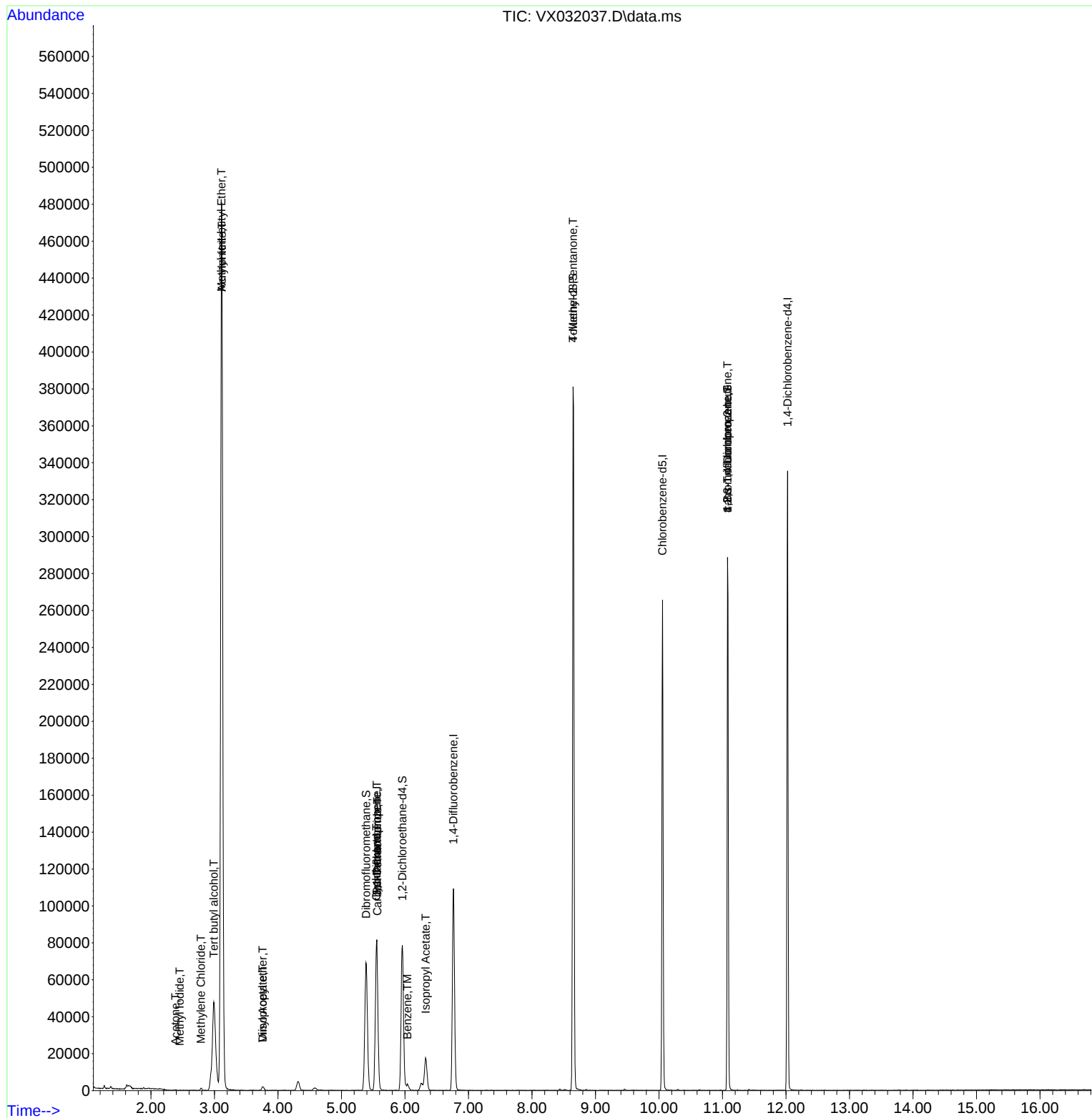
Target Compounds				Qvalue		
5) Bromomethane	1.624	94	350	Below Cal	#	55
10) Methyl Iodide	2.453	142	56	2.797	ug/l #	38
11) Tert butyl alcohol	2.989	59	79935	418.927	ug/l	99
15) Acrylonitrile	3.117	53	6105	10.037	ug/l #	24
16) Acetone	2.386	43	235	0.451	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	517907	136.444	ug/l	99
20) Methylene Chloride	2.788	84	575	0.420	ug/l #	78
22) Diisopropyl ether	3.758	45	1980	0.547	ug/l #	92
23) Vinyl Acetate	3.758	43	1063	0.393	ug/l #	71
31) Cyclohexane	5.550	56	1588	0.867	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	6183	3.762	ug/l #	50
38) Carbon Tetrachloride	5.562	117	7921	4.714	ug/l #	17
40) Benzene	6.038	78	3650	0.758	ug/l #	80
43) Isopropyl Acetate	6.324	43	6041	2.573	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	1190	0.765	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39276	29.366	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39276	100.309	ug/l #	11

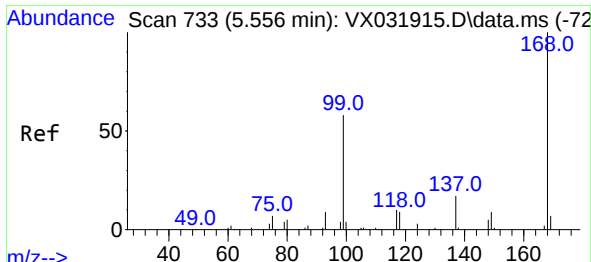
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 12 05:13:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

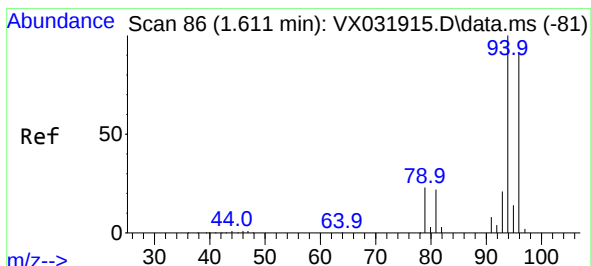
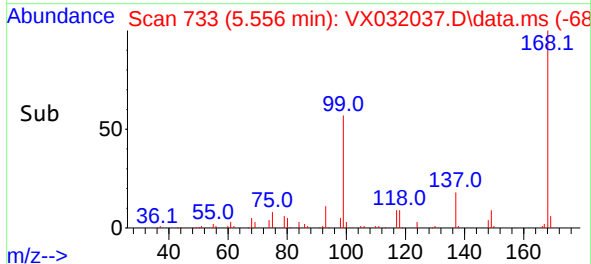
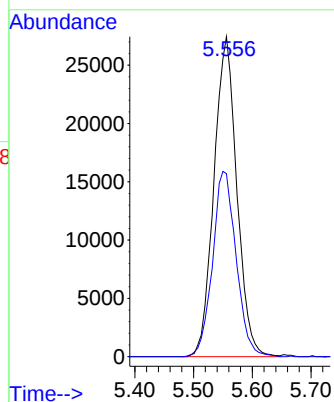
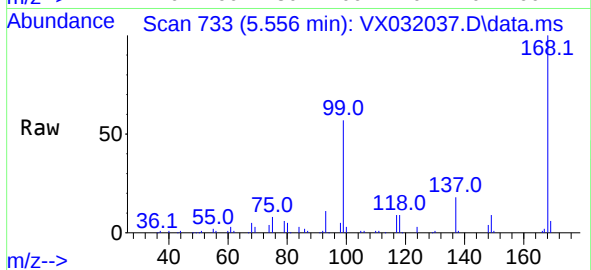




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

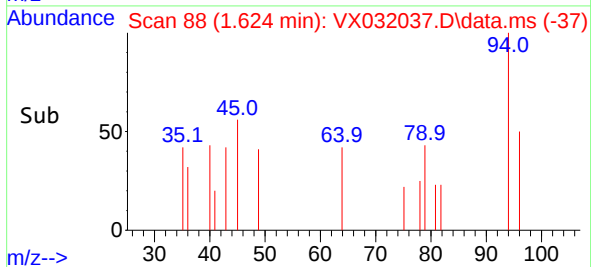
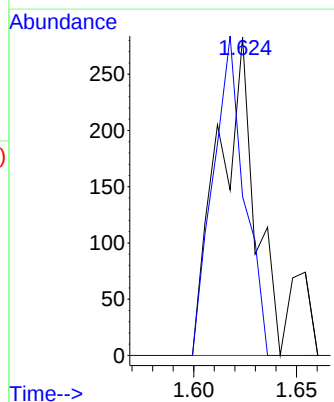
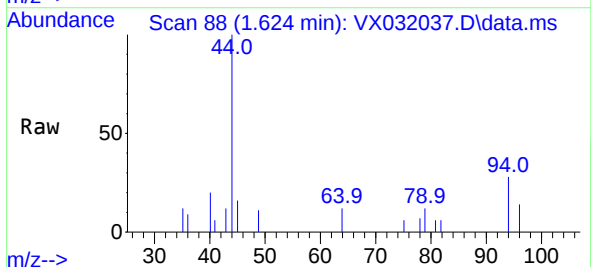
Instrument :
MSVOA_X
ClientSampleId :
MW-121

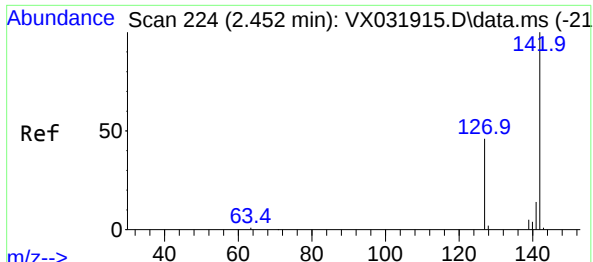
Tgt Ion:168 Resp: 74260
Ion Ratio Lower Upper
168 100
99 57.2 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 49.8 74.4 111.6#

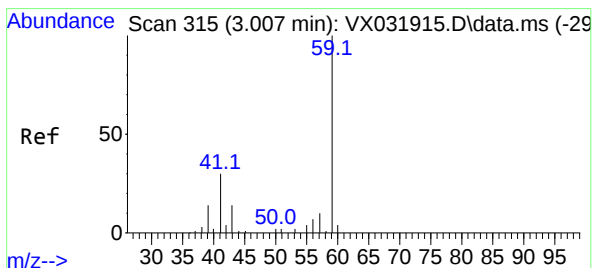
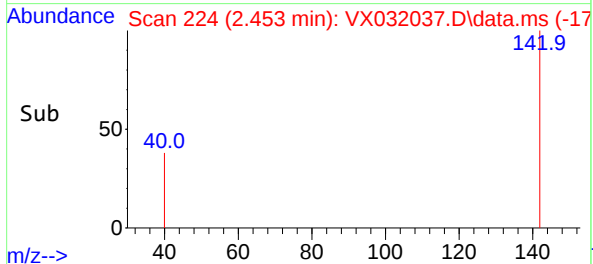
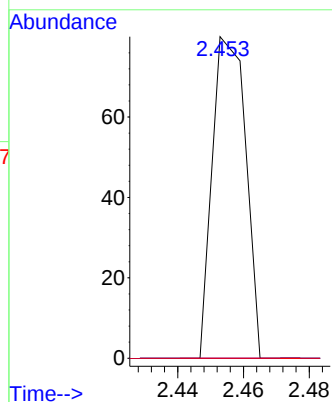
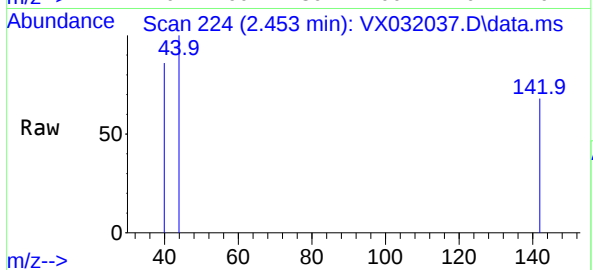




#10
Methyl Iodide
Concen: 2.797 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

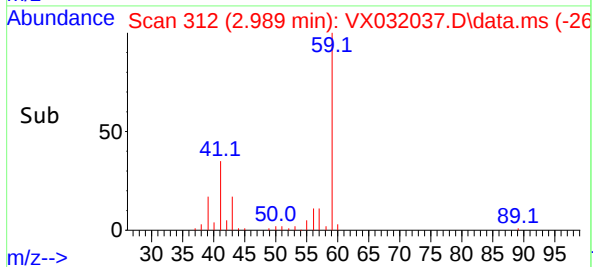
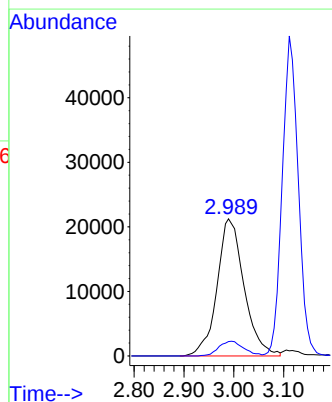
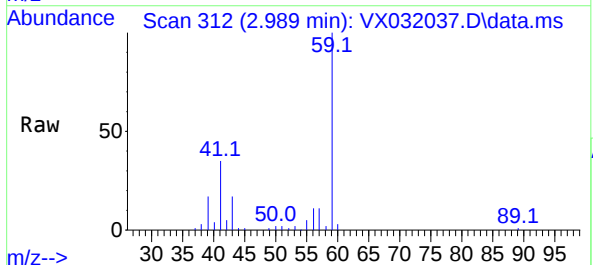
Instrument :
MSVOA_X
ClientSampleId :
MW-121

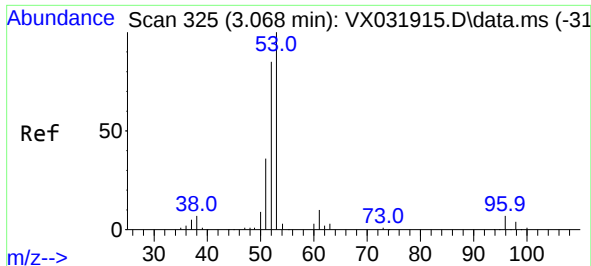
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 418.927 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 59 Resp: 79935
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

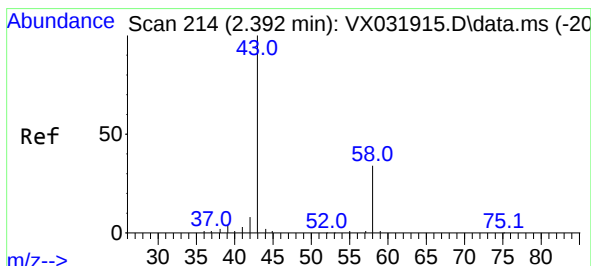
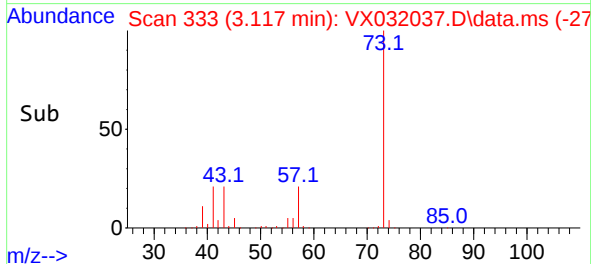
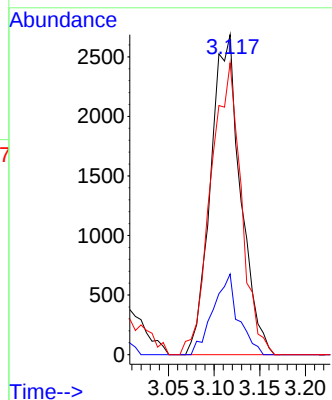
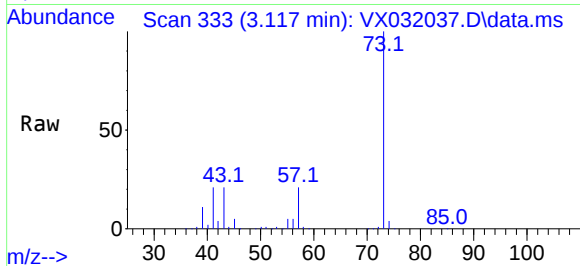




#15
Acrylonitrile
Concen: 10.037 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

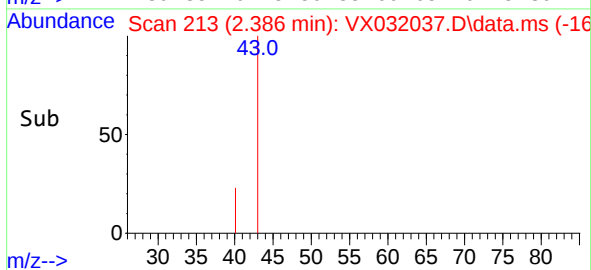
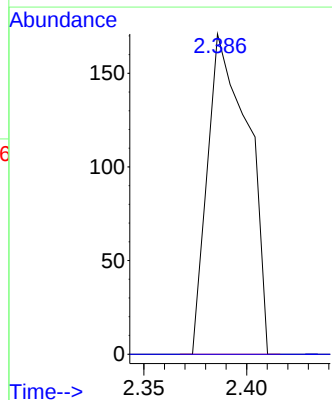
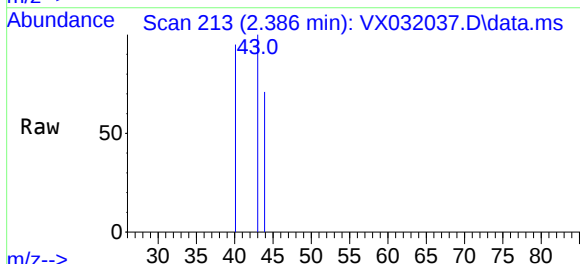
Instrument :
MSVOA_X
ClientSampleId :
MW-121

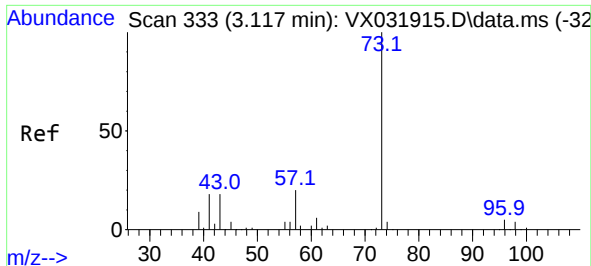
Tgt Ion: 53 Resp: 6105
Ion Ratio Lower Upper
53 100
52 21.3 66.9 100.3#
51 92.7 30.0 45.0#



#16
Acetone
Concen: 0.451 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

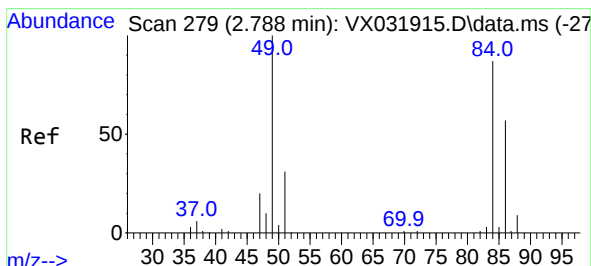
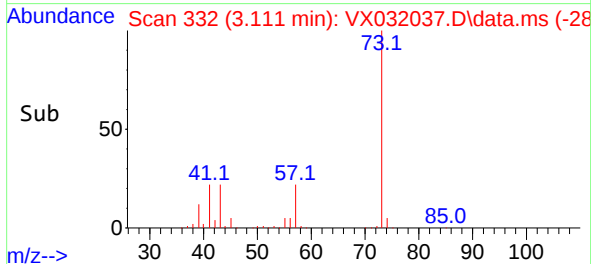
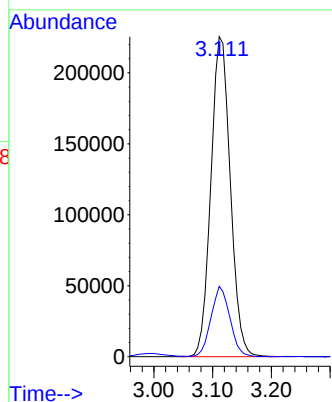
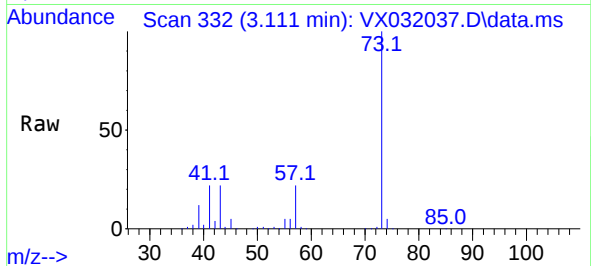




#19
Methyl tert-butyl Ether
Concen: 136.444 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

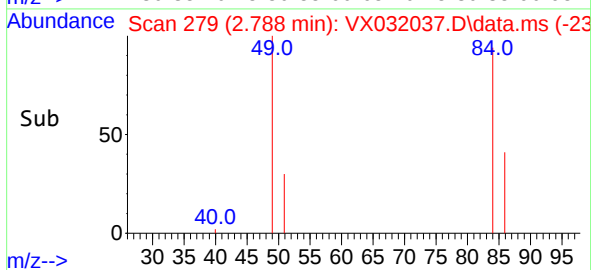
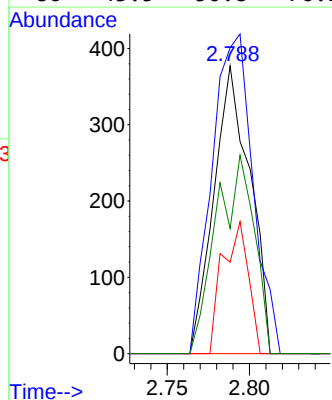
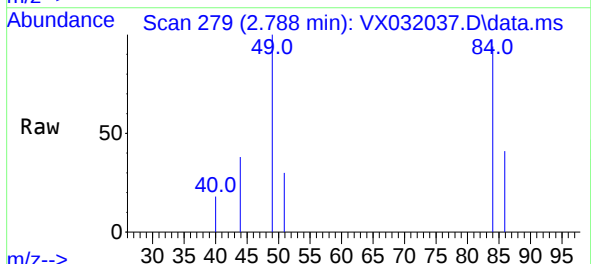
Instrument :
MSVOA_X
ClientSampleId :
MW-121

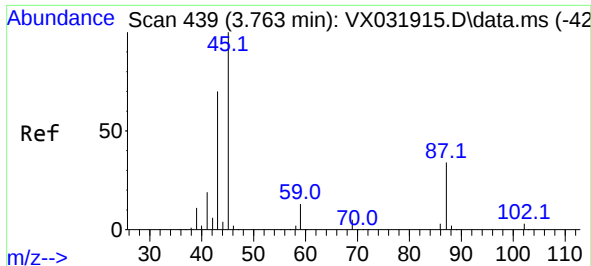
Tgt Ion: 73 Resp: 517907
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 0.420 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 84 Resp: 575
Ion Ratio Lower Upper
84 100
49 106.4 105.9 158.9
51 31.8 32.2 48.2#
86 43.5 50.8 76.2#

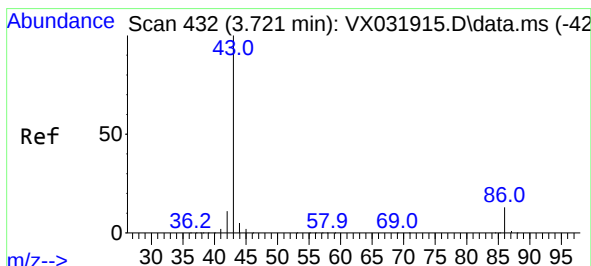
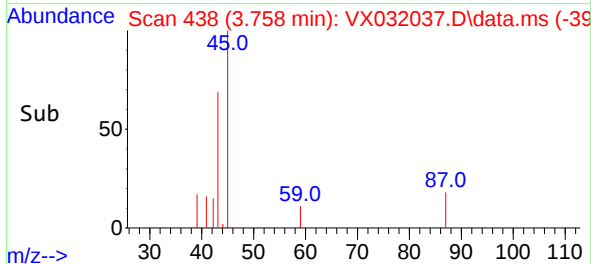
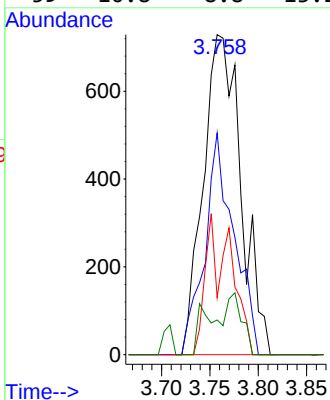
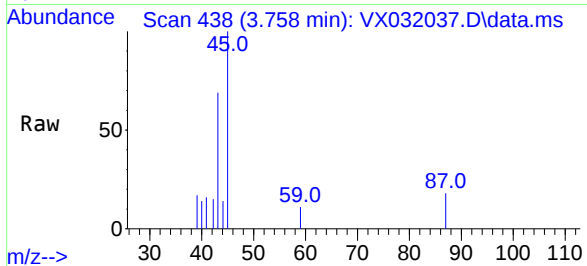




#22
Diisopropyl ether
Concen: 0.547 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.005 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

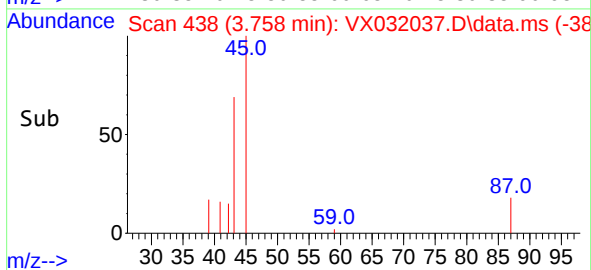
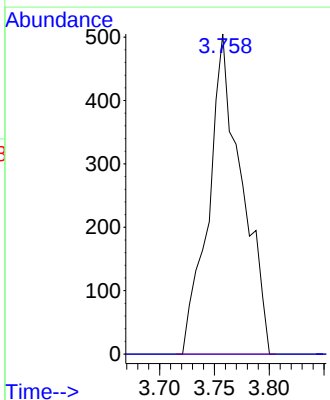
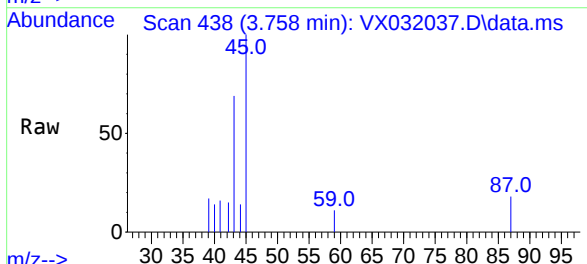
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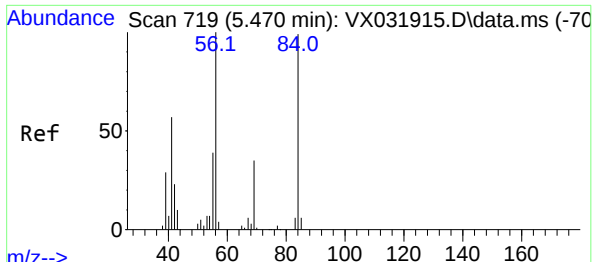
Tgt Ion:	45	Resp:	1980
Ion	Ratio	Lower	Upper
45	100		
43	69.3	59.0	88.6
87	17.8	22.6	33.8#
59	10.8	8.8	13.2



#23
Vinyl Acetate
Concen: 0.393 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.037 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

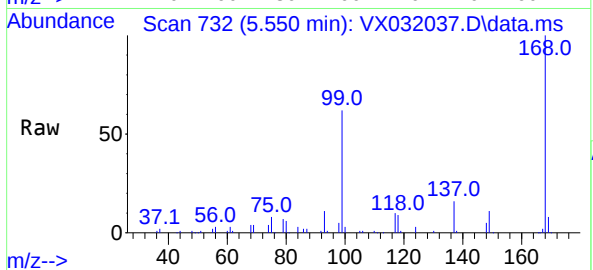
Tgt Ion:	43	Resp:	1063
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#



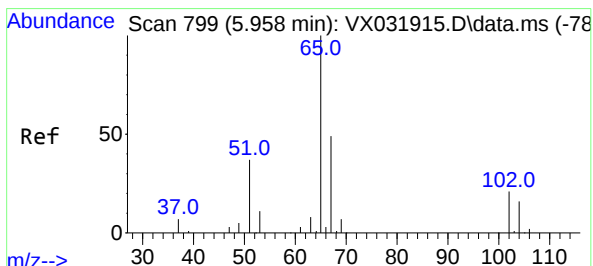
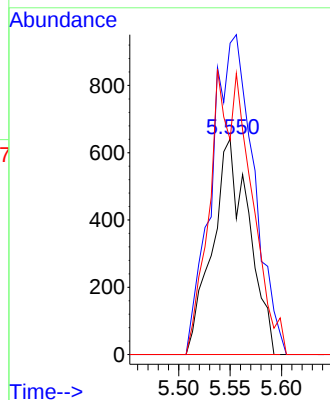
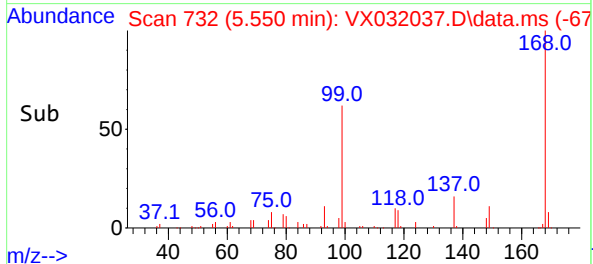


#31
Cyclohexane
Concen: 0.867 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Instrument :
MSVOA_X
ClientSampleId :
MW-121

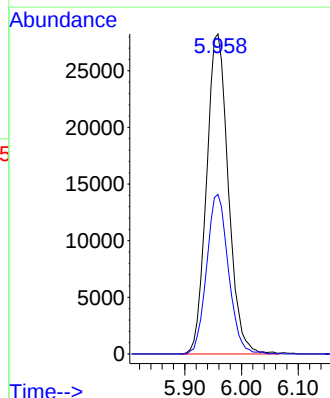
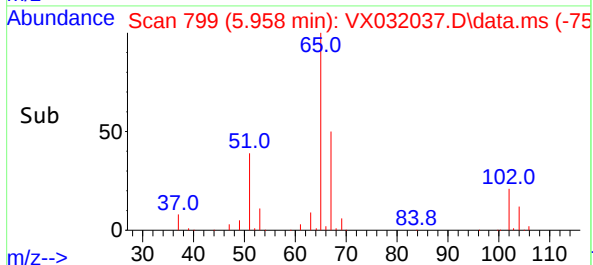
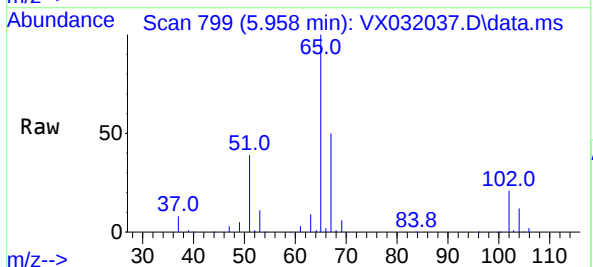


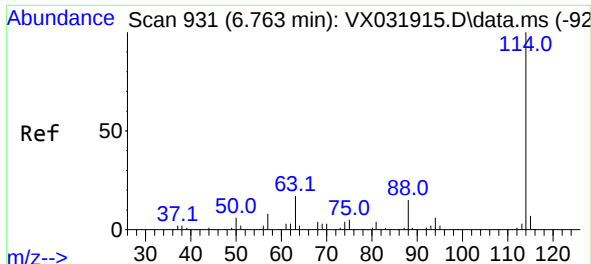
Tgt Ion: 56 Resp: 1588
Ion Ratio Lower Upper
56 100
69 144.5 25.1 37.7#
84 99.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 49.121 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 65 Resp: 75333
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.4

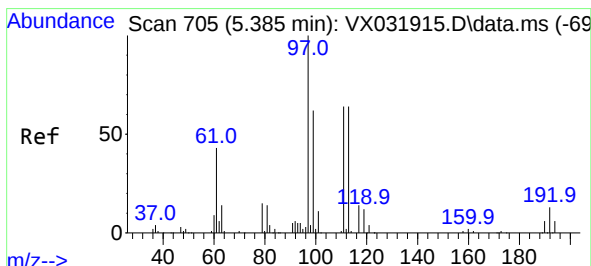
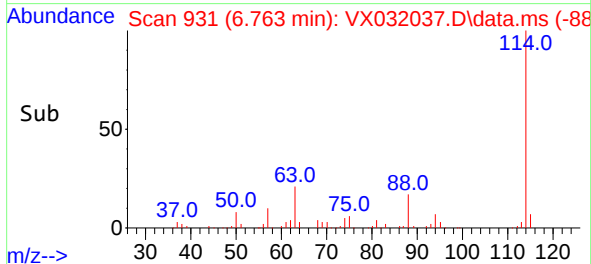
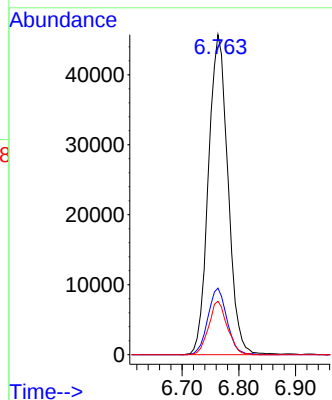
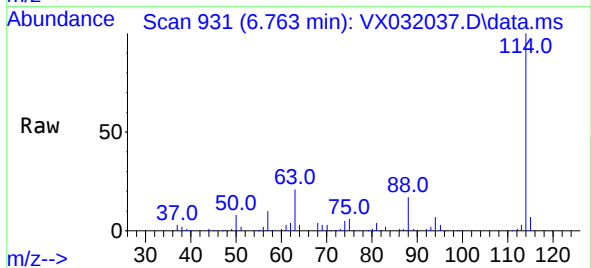




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

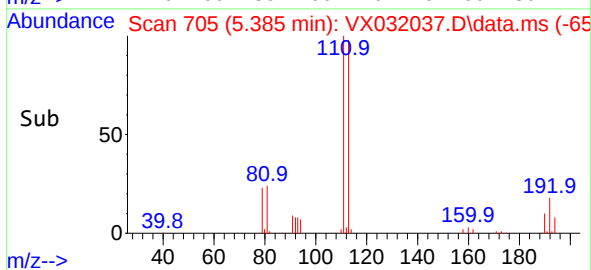
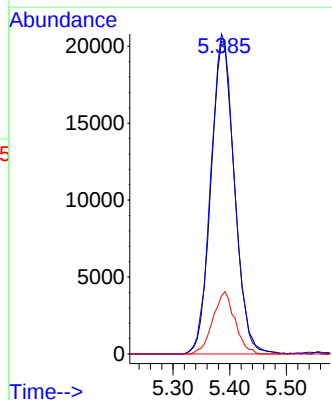
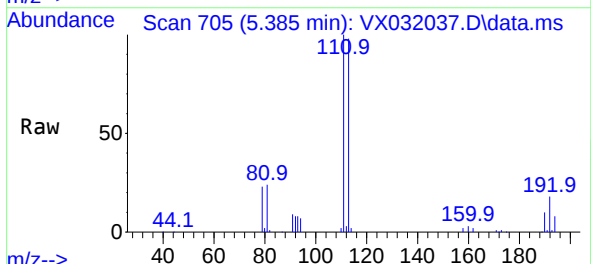
Instrument :
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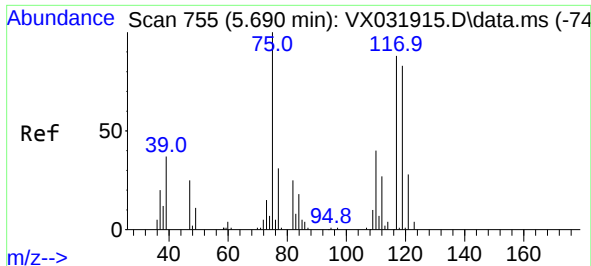
Tgt Ion:114 Resp: 109486
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.462 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion:113 Resp: 58821
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.6 14.1 21.1

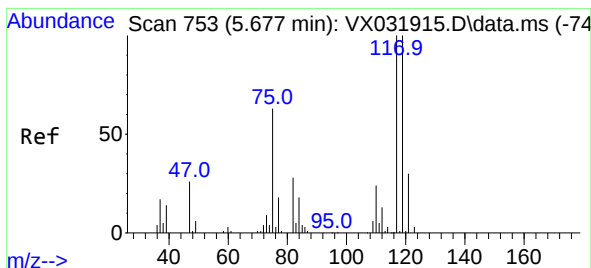
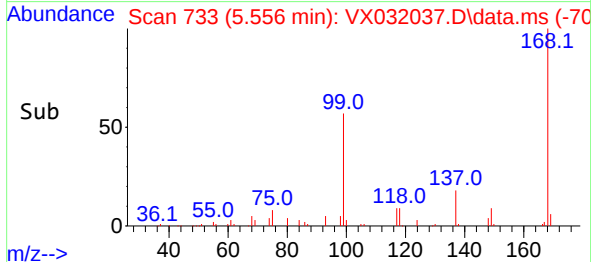
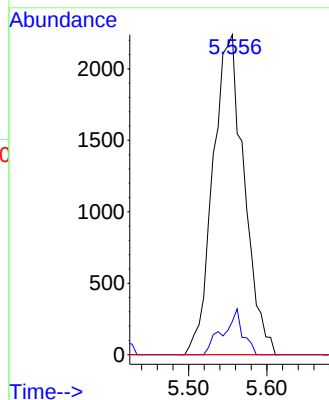
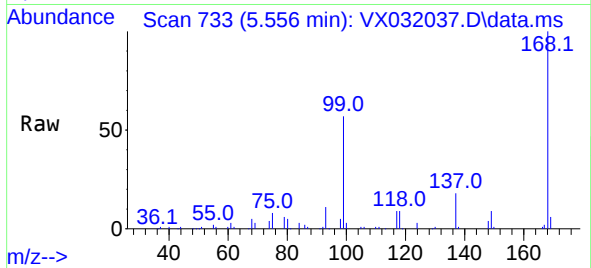




#36
1,1-Dichloropropene
Concen: 3.762 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

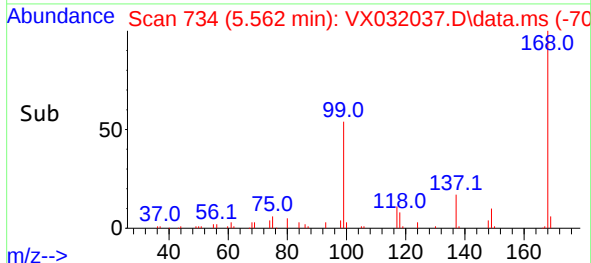
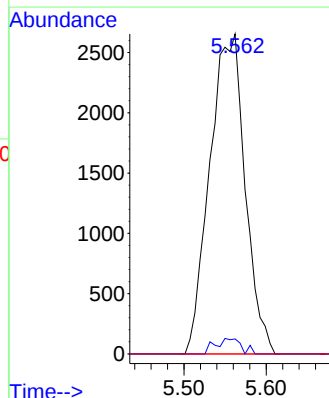
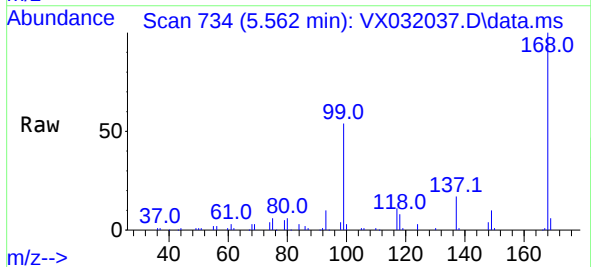
Instrument :
MSVOA_X
ClientSampleId :
MW-121

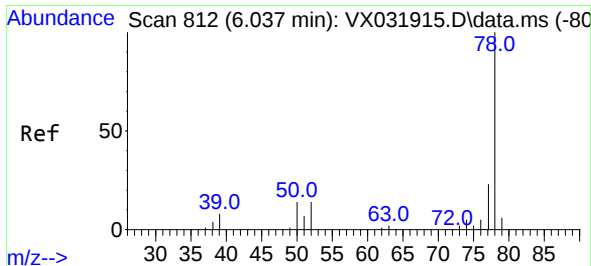
Tgt Ion: 75 Resp: 6183
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.714 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.115 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 117 Resp: 7921
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#

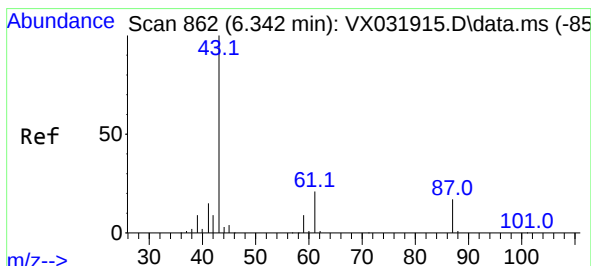
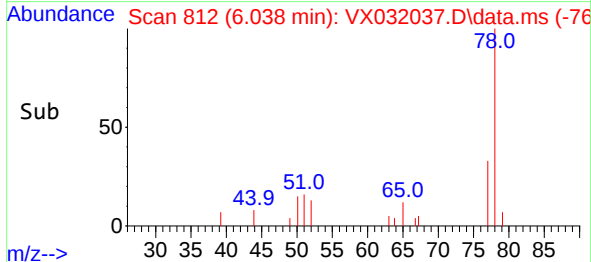
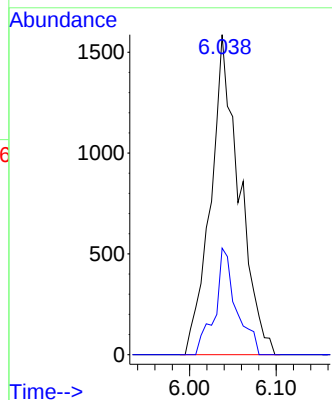
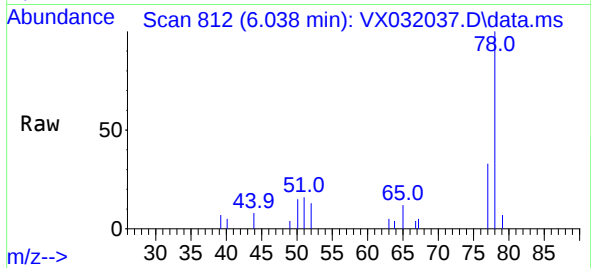




#40
Benzene
Concen: 0.758 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

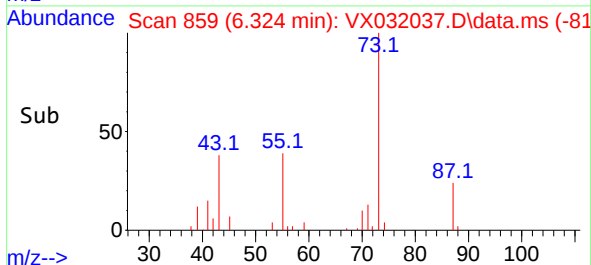
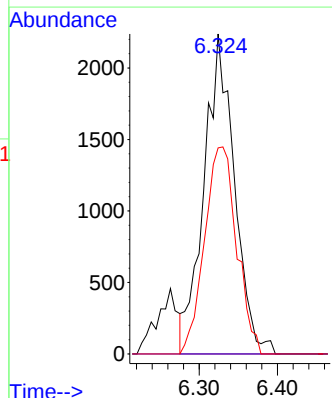
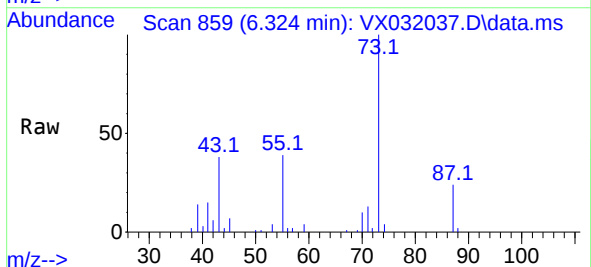
Instrument :
MSVOA_X
ClientSampleId :
MW-121

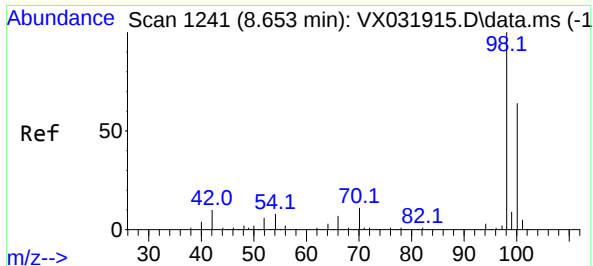
Tgt Ion: 78 Resp: 3650
Ion Ratio Lower Upper
78 100
77 33.3 18.7 28.1#



#43
Isopropyl Acetate
Concen: 2.573 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 43 Resp: 6041
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 68.3 10.6 15.8#





#50

Toluene-d8

Concen: 49.915 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032037.D

Acq: 11 Oct 2022 15:22

Instrument :

MSVOA_X

ClientSampleId :

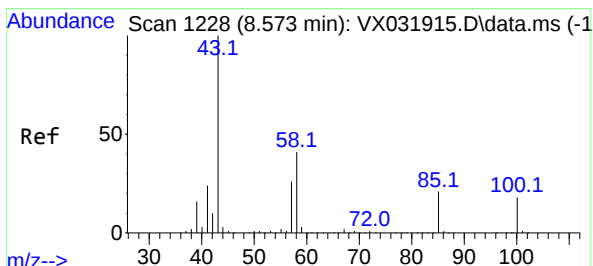
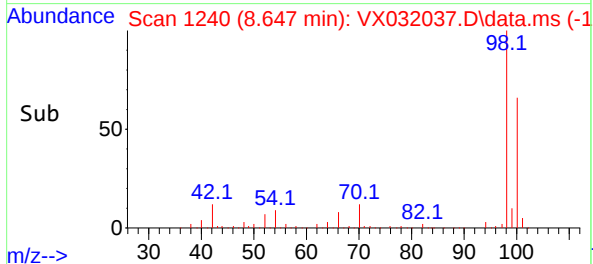
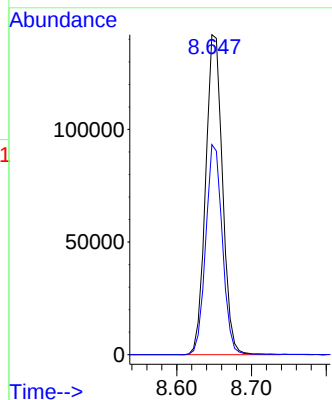
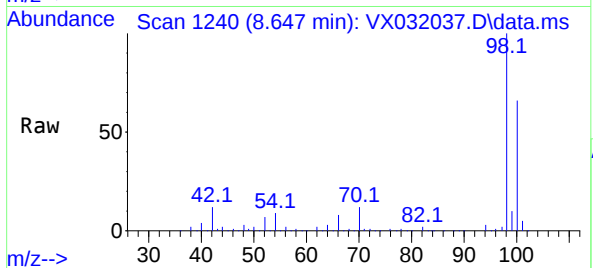
MW-121

Tgt Ion: 98 Resp: 222595

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.765 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX032037.D

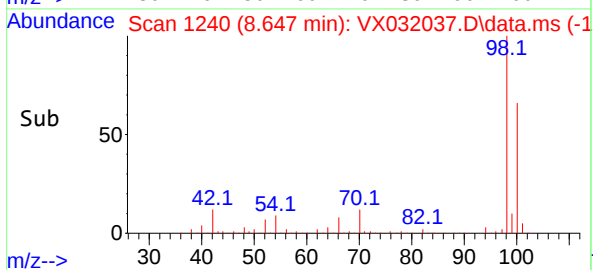
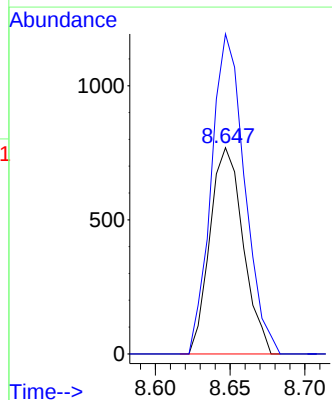
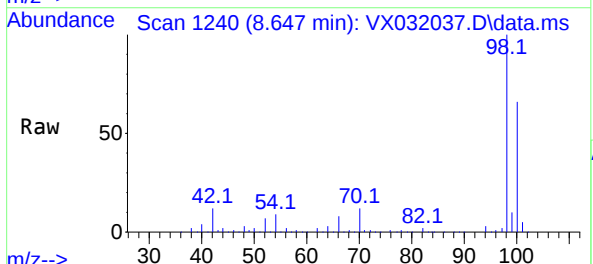
Acq: 11 Oct 2022 15:22

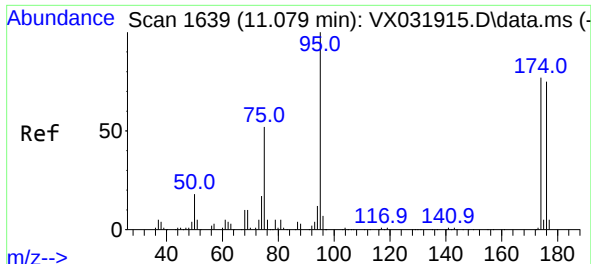
Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

43 100

58 155.3 30.6 46.0#

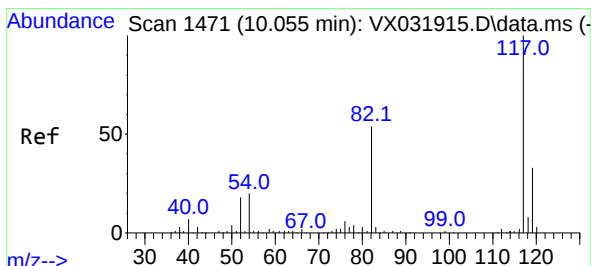
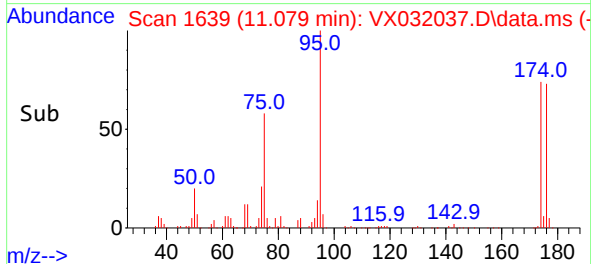
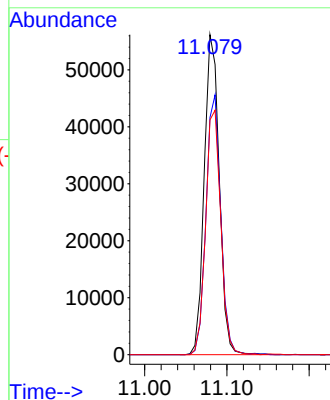
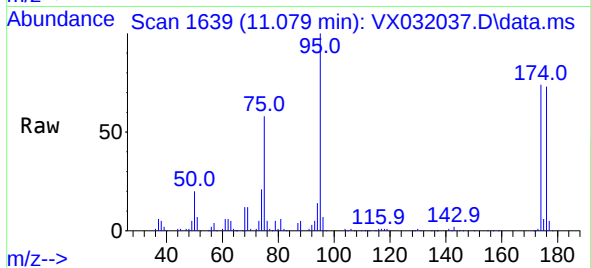




#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

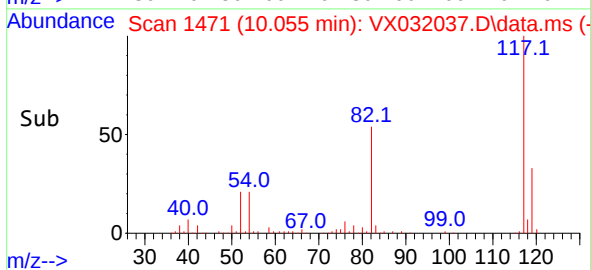
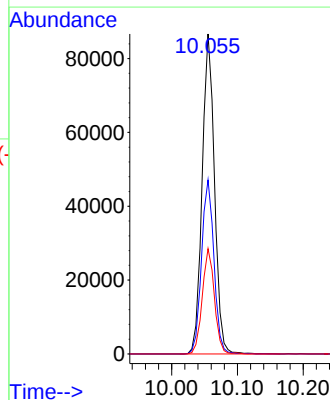
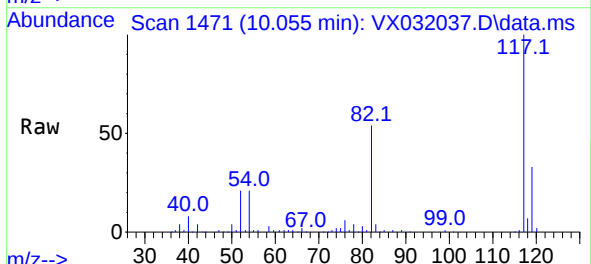
Instrument :
MSVOA_X
ClientSampleId :
MW-121

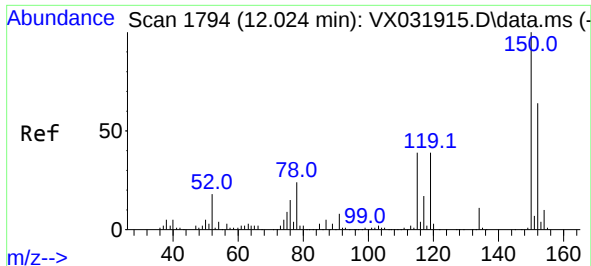
Tgt Ion: 95 Resp: 71341
Ion Ratio Lower Upper
95 100
174 79.7 0.0 153.2
176 77.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 117 Resp: 112980
Ion Ratio Lower Upper
117 100
82 54.4 46.8 70.2
119 32.9 26.4 39.6

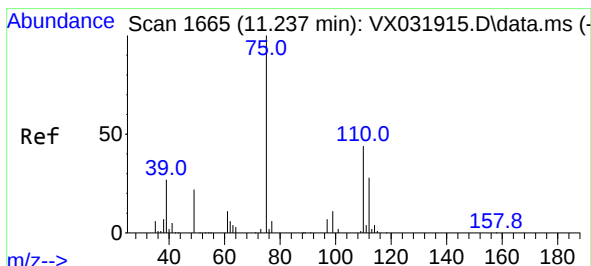
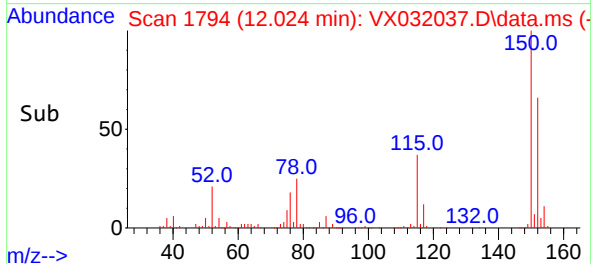
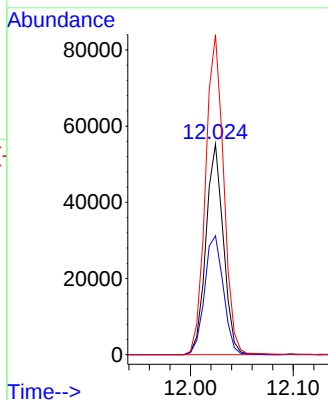
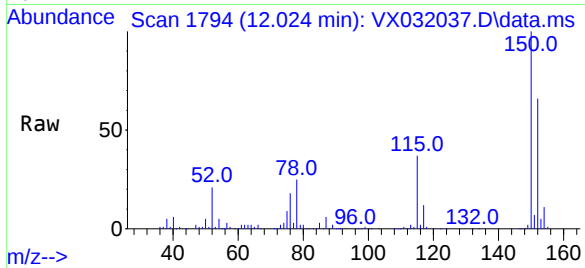




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032037.D
 Acq: 11 Oct 2022 15:22

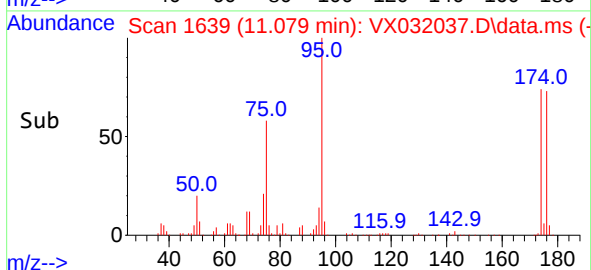
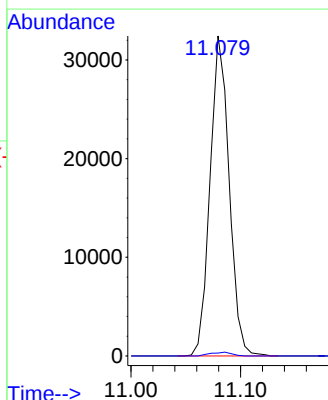
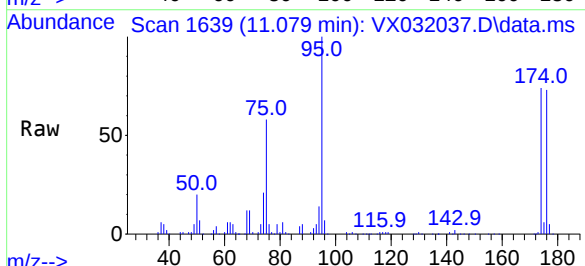
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-121

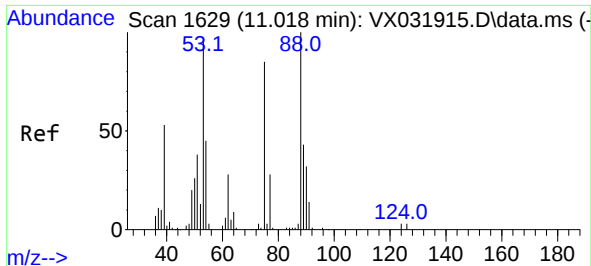
Tgt Ion:152 Resp: 65258
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.4 130.1
 150 158.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 29.366 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX032037.D
 Acq: 11 Oct 2022 15:22

Tgt Ion: 75 Resp: 39276
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.309 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032037.D
 Acq: 11 Oct 2022 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-121

Tgt Ion: 75 Resp: 39276
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

