

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031932.D
 Acq On : 06 Oct 2022 20:51
 Operator : JC/MD
 Sample : N4882-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-132

Quant Time: Oct 07 08:08:48 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)

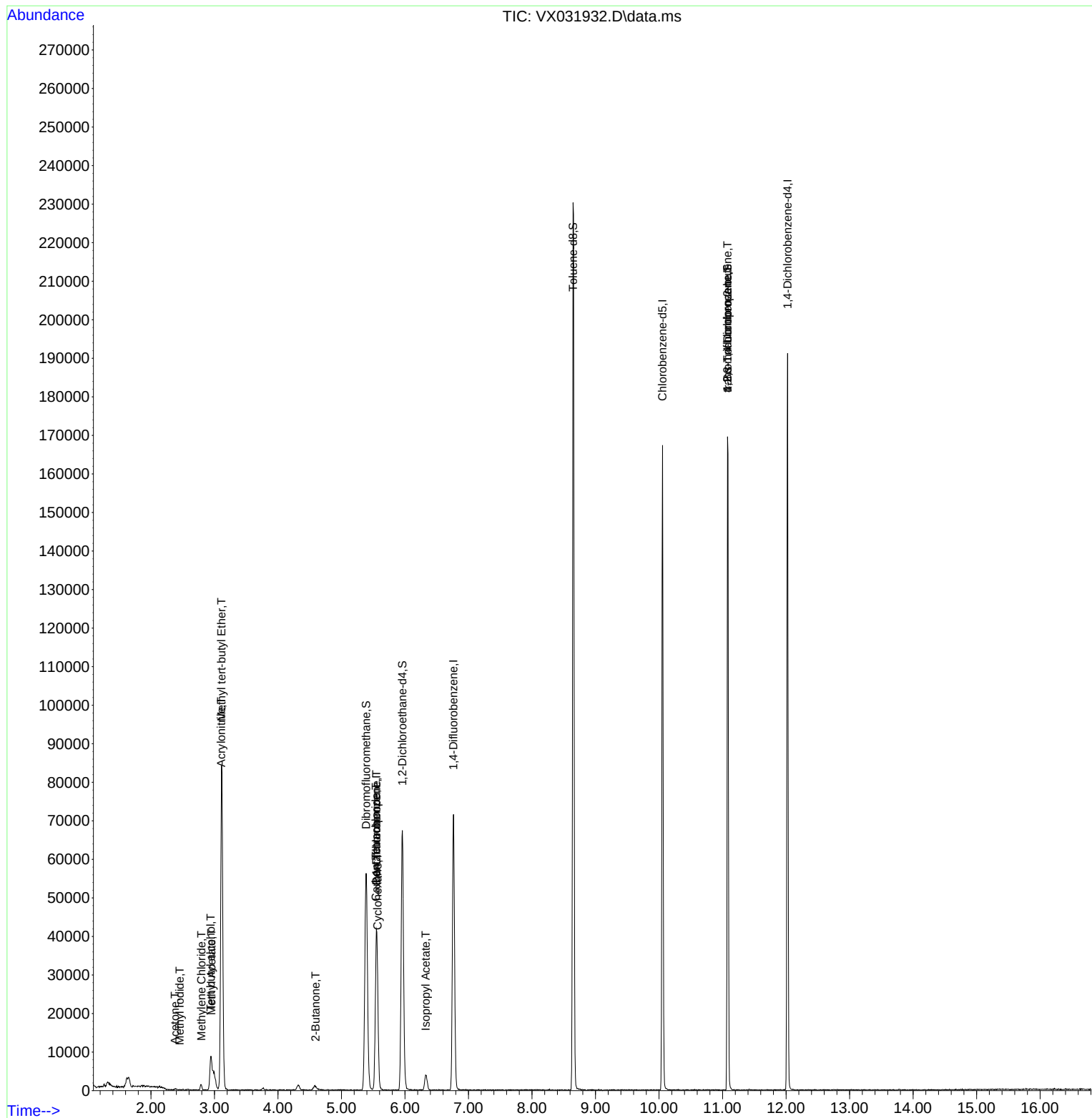
Internal Standards						
1) Pentafluorobenzene	5.550	168	39891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	74199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	73827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62166	75.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 150.920%#	
35) Dibromofluoromethane	5.385	113	49704	59.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.360%	
50) Toluene-d8	8.647	98	139145	46.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.080%	
62) 4-Bromofluorobenzene	11.079	95	44835	41.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	339	Below Cal	#	53
10) Methyl Iodide	2.453	142	42	2.814	ug/l #	38
11) Tert butyl alcohol	2.940	59	6169	60.186	ug/l #	73
15) Acrylonitrile	3.105	53	1115	3.412	ug/l #	24
16) Acetone	2.380	43	368	1.314	ug/l #	45
18) Methyl Acetate	2.953	43	867	0.938	ug/l #	52
19) Methyl tert-butyl Ether	3.111	73	92552	45.391	ug/l	97
20) Methylene Chloride	2.794	84	831	1.129	ug/l #	62
25) 2-Butanone	4.593	43	235	0.537	ug/l #	49
31) Cyclohexane	5.568	56	782	0.795	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	3052	2.740	ug/l #	45
38) Carbon Tetrachloride	5.544	117	4218	3.704	ug/l #	19
43) Isopropyl Acetate	6.324	43	1479	0.930	ug/l #	19
76) 1,2,3-Trichloropropane	11.079	75	24004	29.320	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	24004	100.157	ug/l #	11

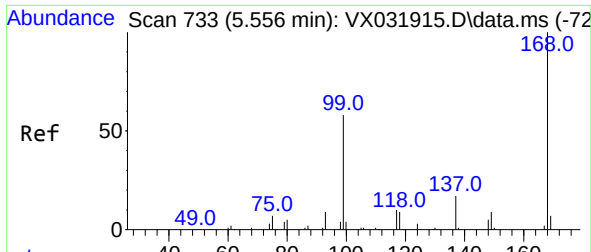
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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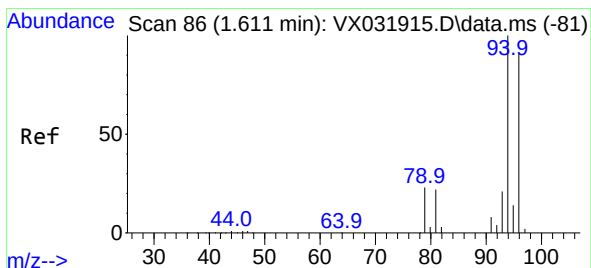
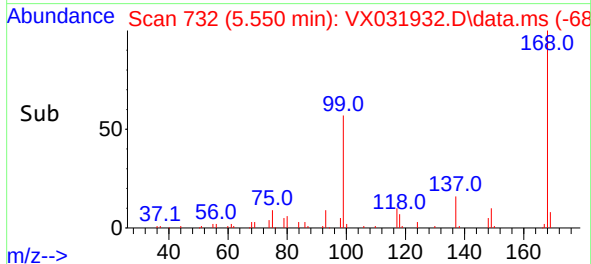
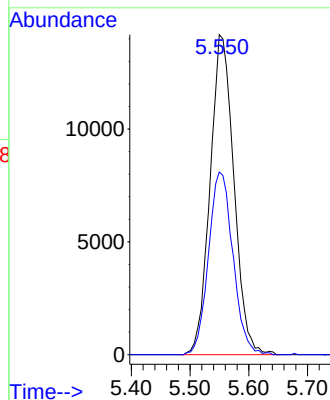
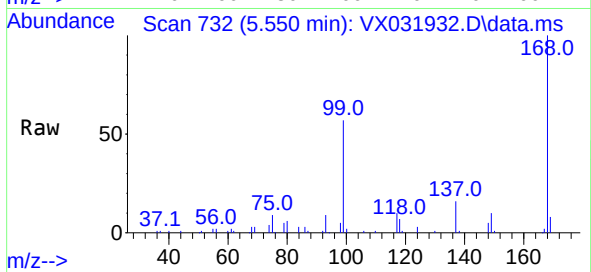




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

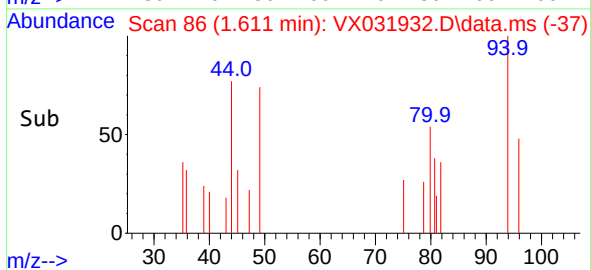
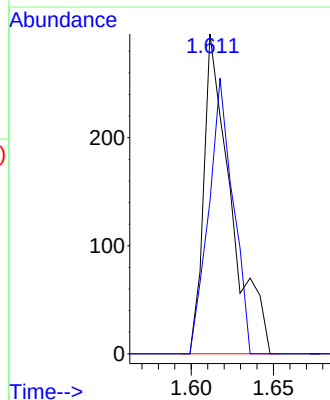
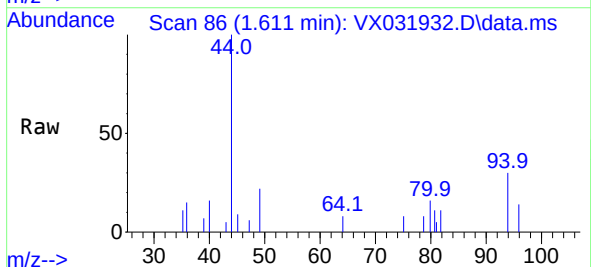
Instrument :
MSVOA_X
ClientSampleId :
MW-132

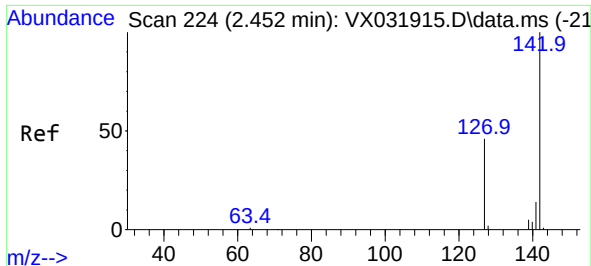
Tgt Ion:168 Resp: 39891
Ion Ratio Lower Upper
168 100
99 57.1 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 47.6 74.4 111.6#

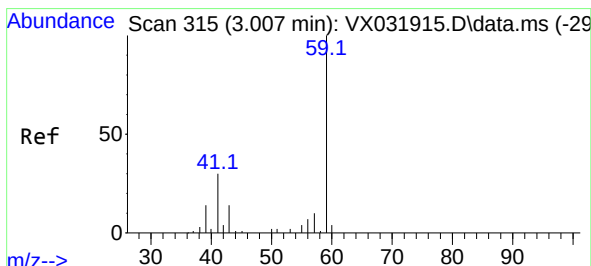
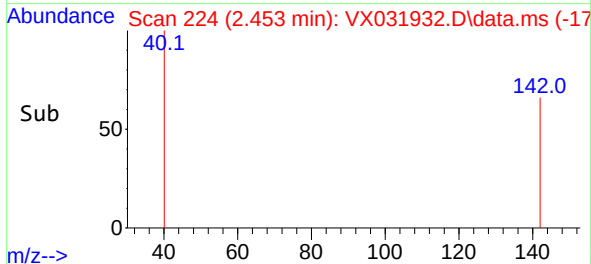
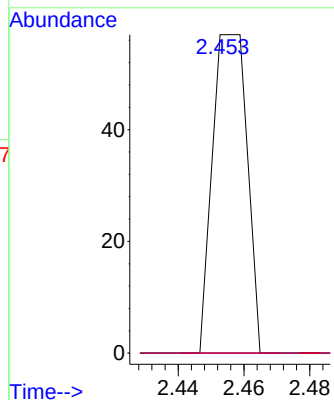
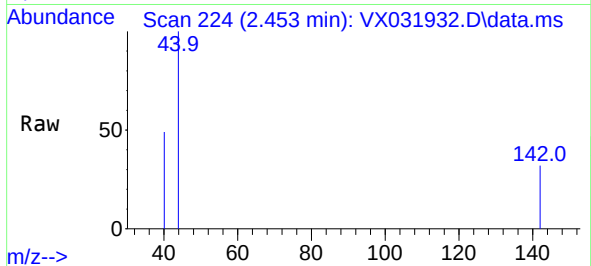




#10
Methyl Iodide
Concen: 2.814 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

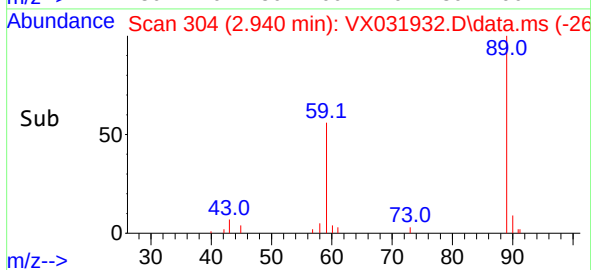
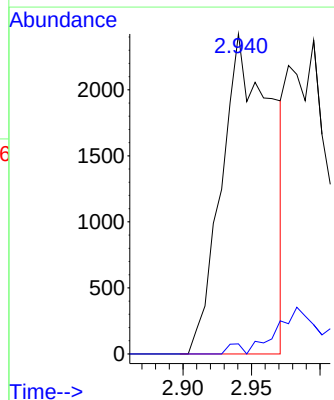
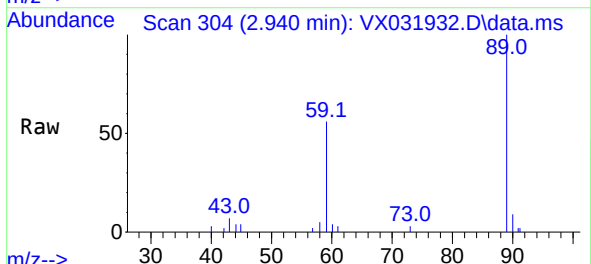
Instrument :
MSVOA_X
ClientSampleId :
MW-132

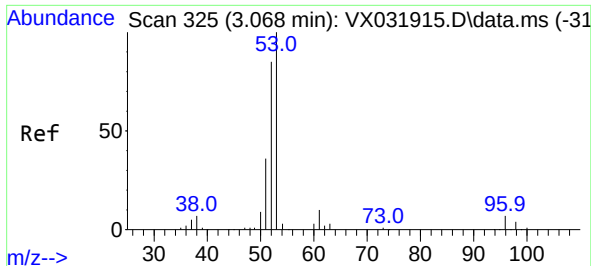
Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 60.186 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 59 Resp: 6169
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

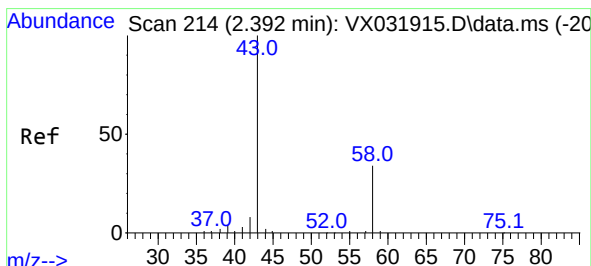
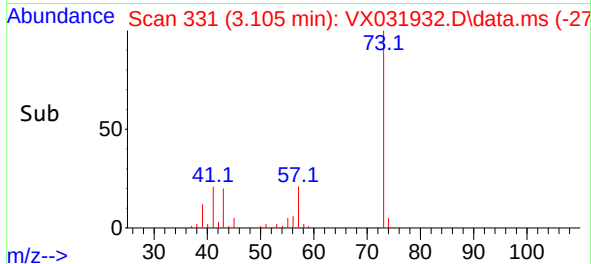
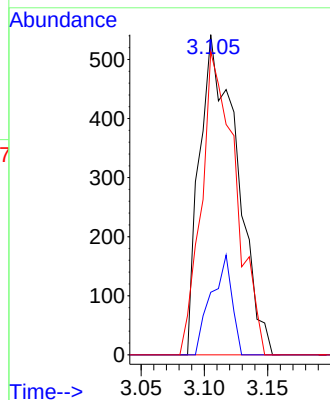
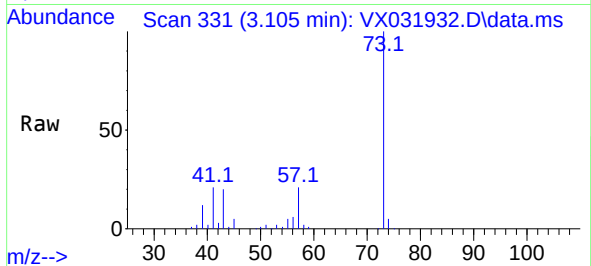




#15
Acrylonitrile
Concen: 3.412 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.037 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

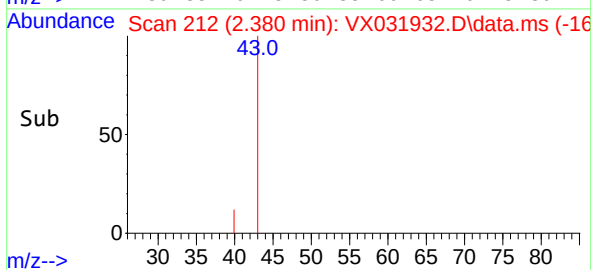
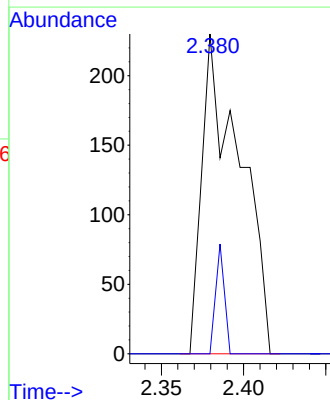
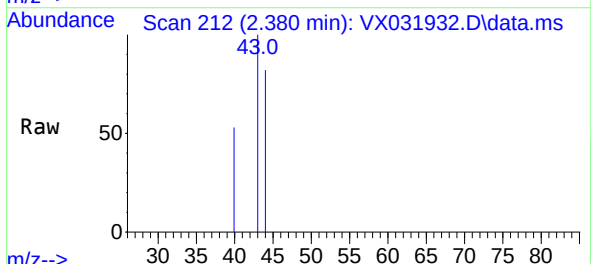
Instrument :
MSVOA_X
ClientSampleId :
MW-132

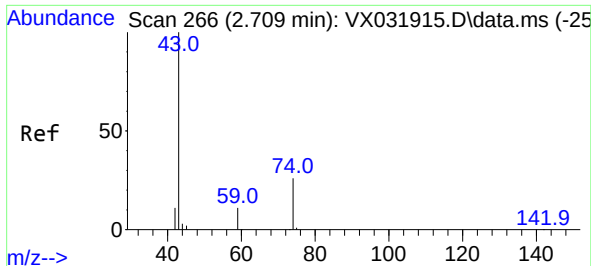
Tgt Ion: 53 Resp: 1115
Ion Ratio Lower Upper
53 100
52 17.2 66.9 100.3#
51 86.5 30.0 45.0#



#16
Acetone
Concen: 1.314 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

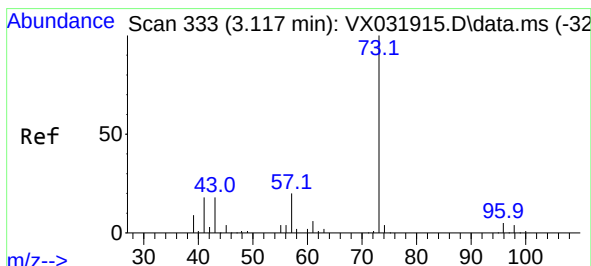
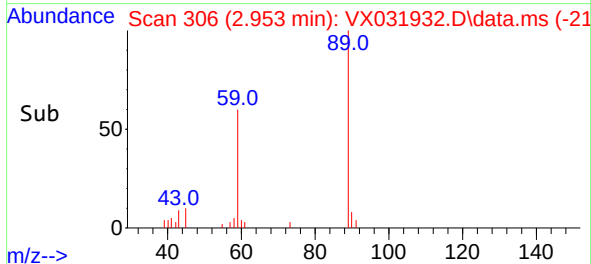
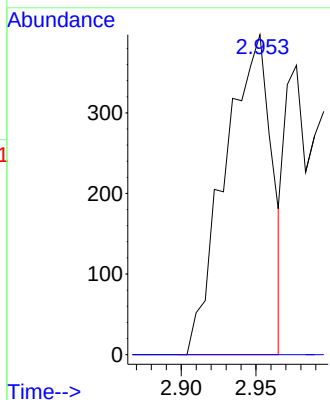
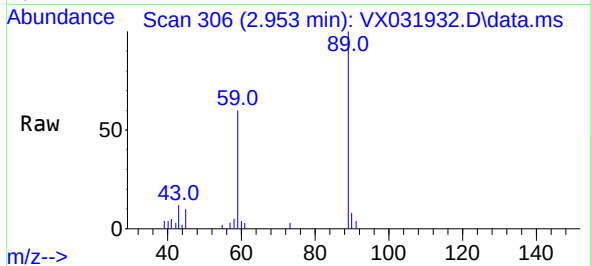




#18
Methyl Acetate
Concen: 0.938 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.244 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

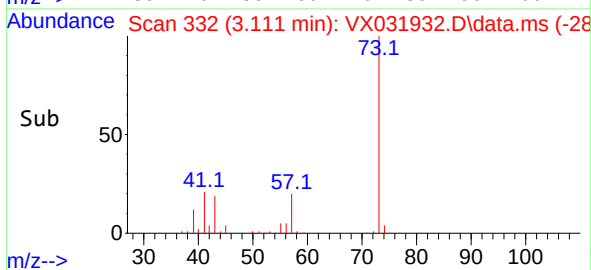
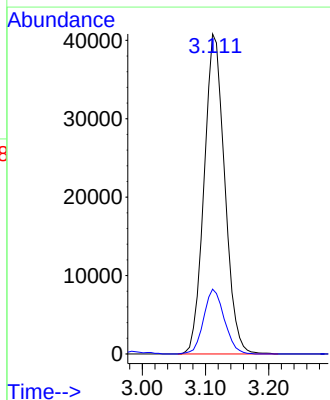
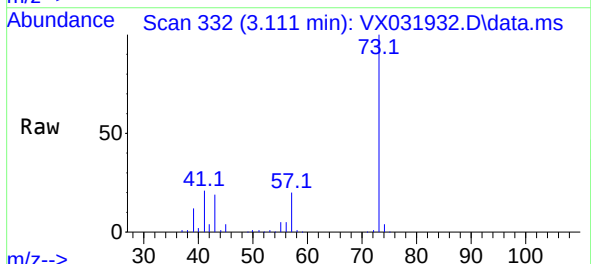
Instrument :
MSVOA_X
ClientSampleId :
MW-132

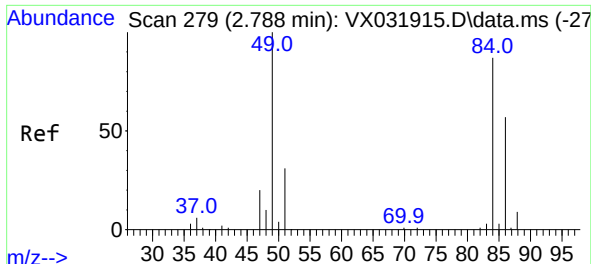
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#19
Methyl tert-butyl Ether
Concen: 45.391 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 73 Resp: 92552
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8



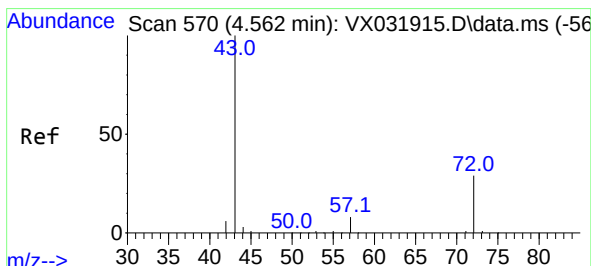
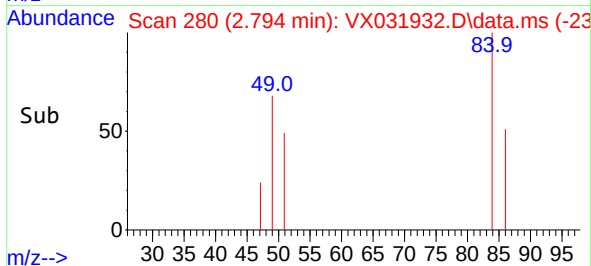
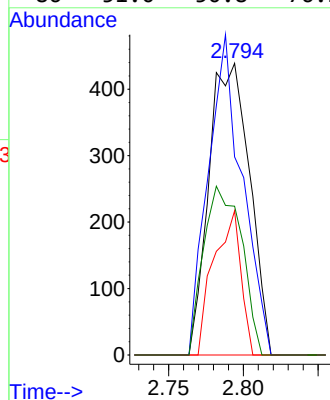
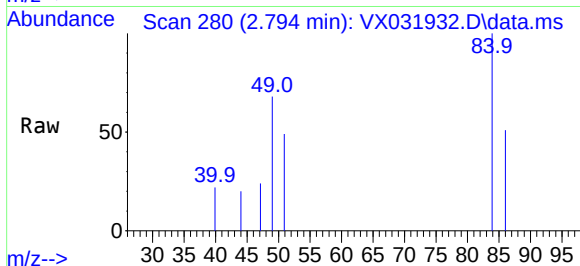


#20
Methylene Chloride
Concen: 1.129 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Instrument :
MSVOA_X
ClientSampleId :
MW-132

Tgt Ion: 84 Resp: 831

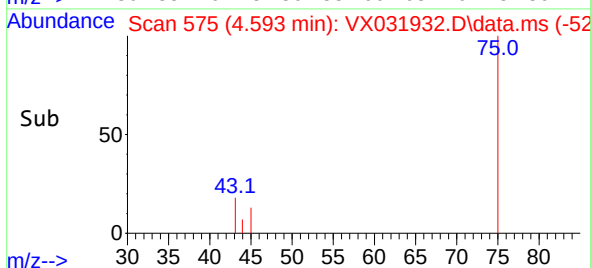
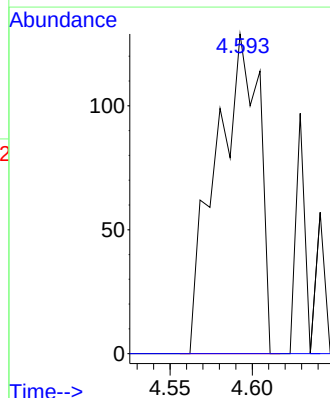
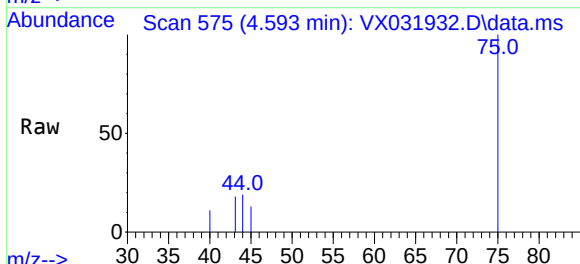
Ion	Ratio	Lower	Upper
84	100		
49	67.9	105.9	158.9#
51	49.4	32.2	48.2#
86	51.0	50.8	76.2

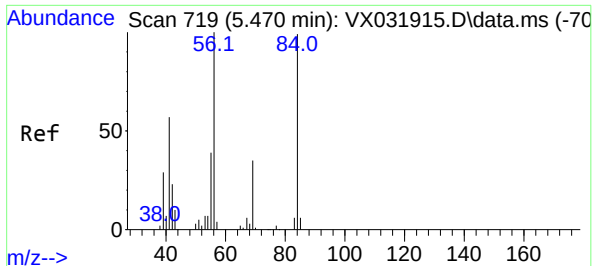


#25
2-Butanone
Concen: 0.537 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 43 Resp: 235

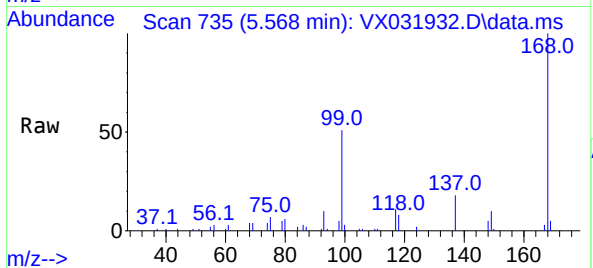
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



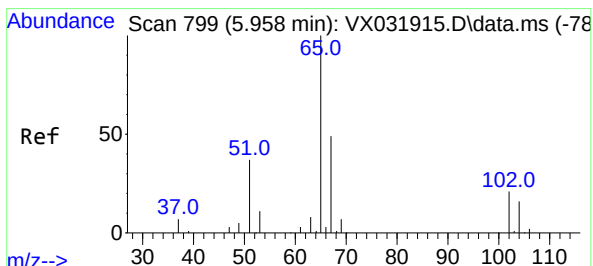
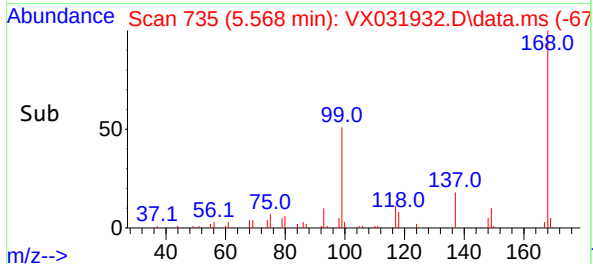
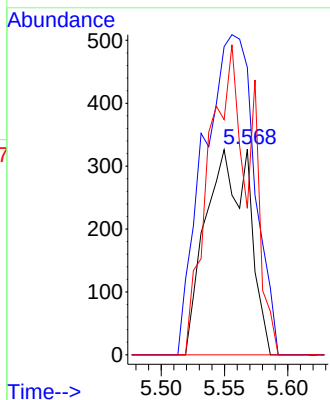


#31
Cyclohexane
Concen: 0.795 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.098 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Instrument :
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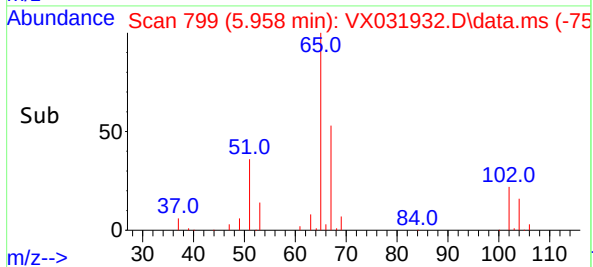
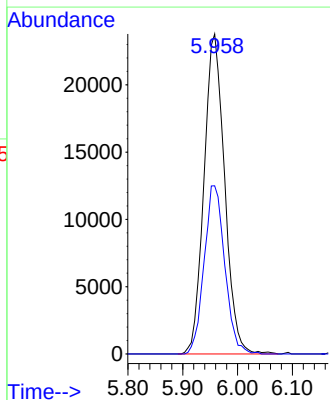
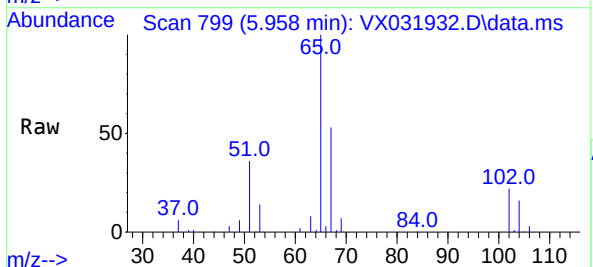


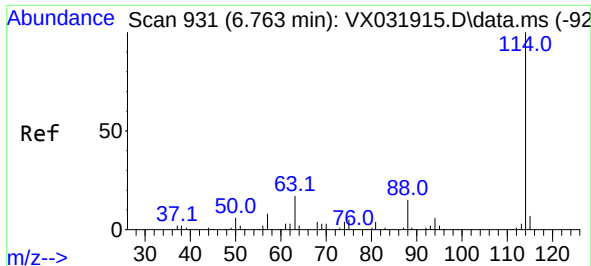
Tgt Ion: 56 Resp: 782
Ion Ratio Lower Upper
56 100
69 139.8 25.1 37.7#
84 71.3 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 75.459 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 65 Resp: 62166
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4

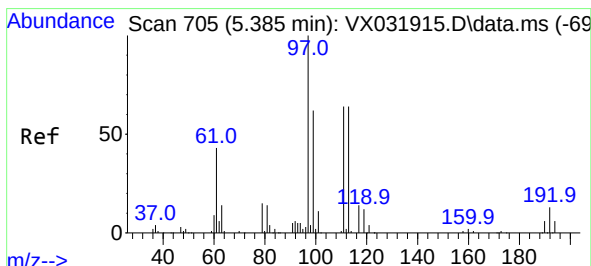
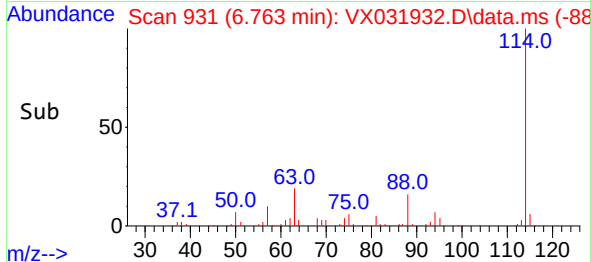
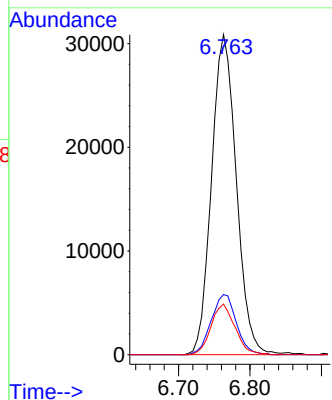
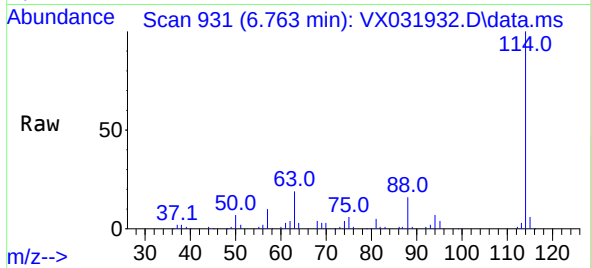




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

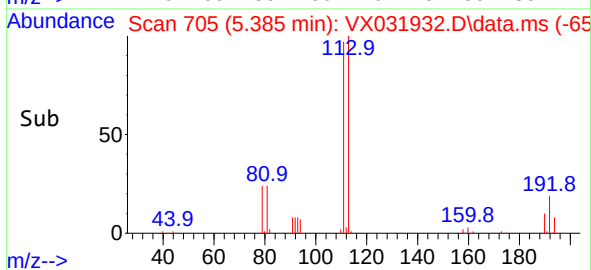
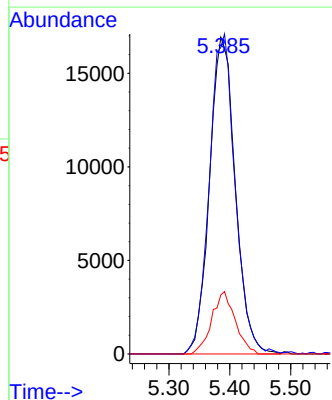
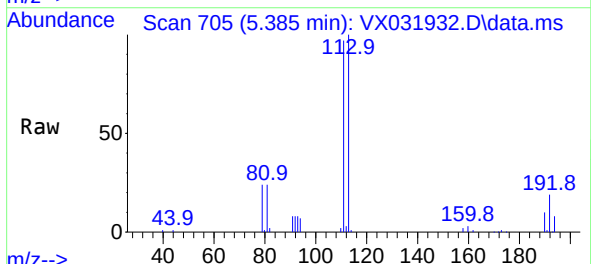
Instrument :
MSVOA_X
ClientSampleId :
MW-132

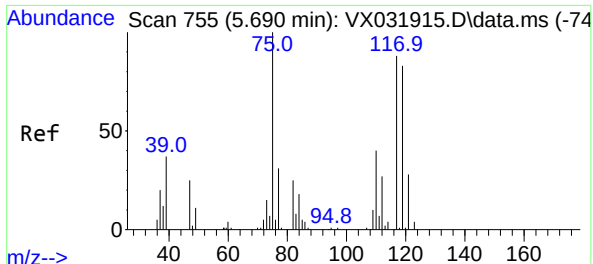
Tgt Ion:114 Resp: 74199
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.6
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 59.179 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion:113 Resp: 49704
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 17.9 14.1 21.1





#36

1,1-Dichloropropene

Concen: 2.740 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031932.D

Acq: 06 Oct 2022 20:51

Instrument :

MSVOA_X

ClientSampleId :

MW-132

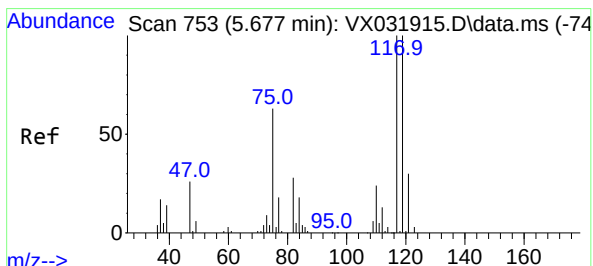
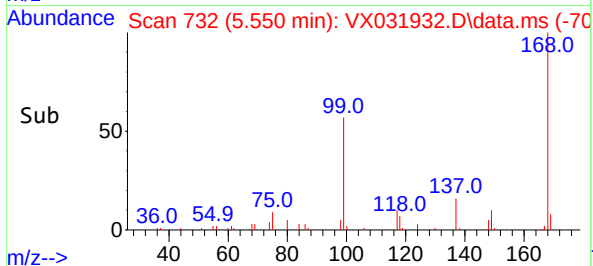
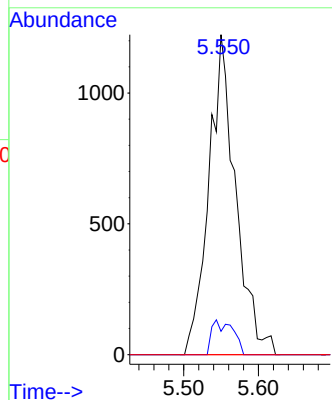
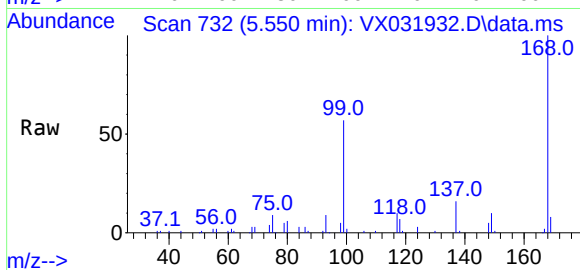
Tgt Ion: 75 Resp: 3052

Ion Ratio Lower Upper

75 100

110 3.9 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.704 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.133 min

Lab File: VX031932.D

Acq: 06 Oct 2022 20:51

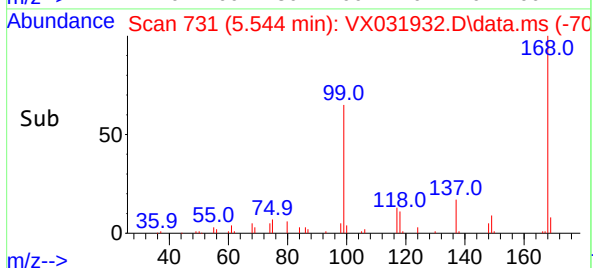
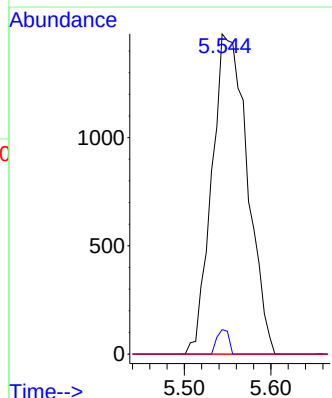
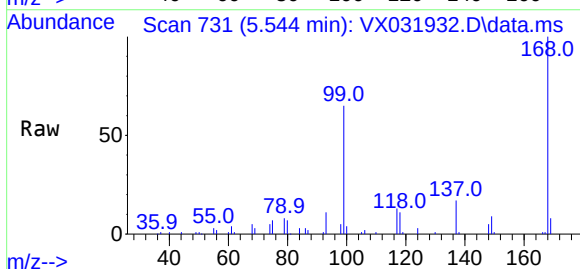
Tgt Ion: 117 Resp: 4218

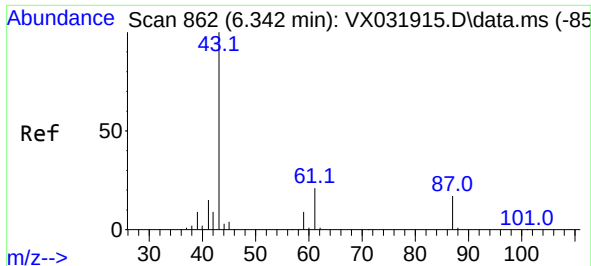
Ion Ratio Lower Upper

117 100

119 7.6 74.6 112.0#

121 0.0 25.3 37.9#

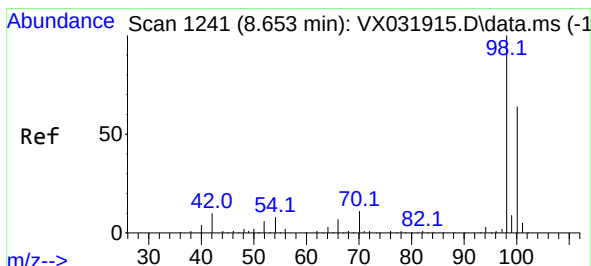
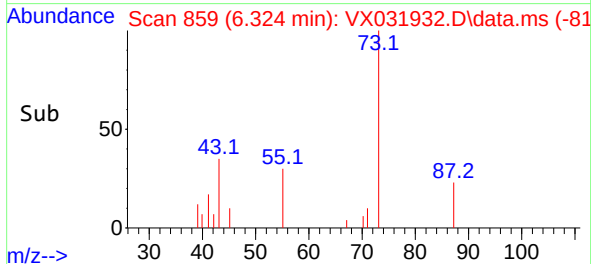
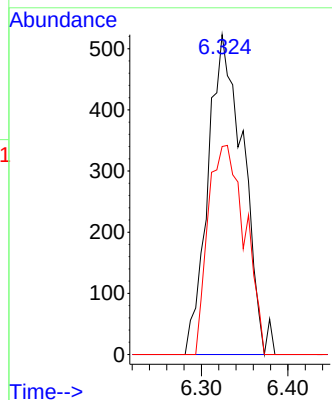
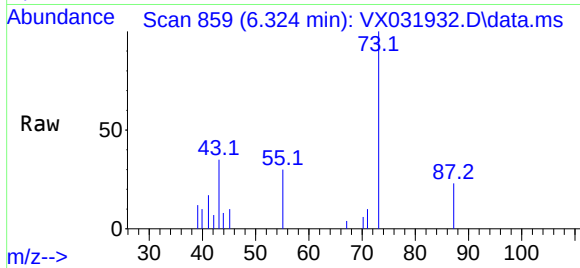




#43
Isopropyl Acetate
Concen: 0.930 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

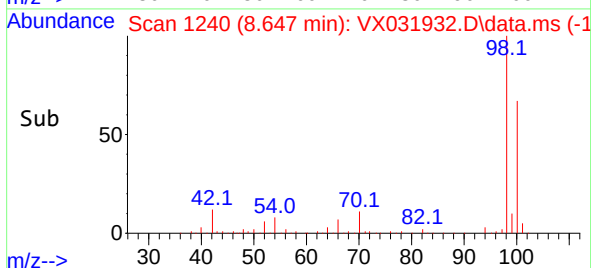
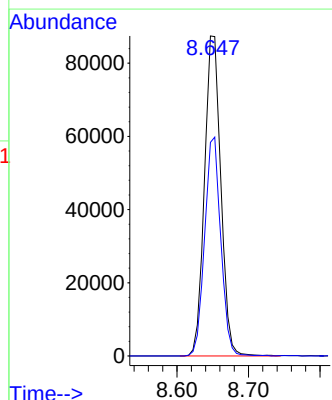
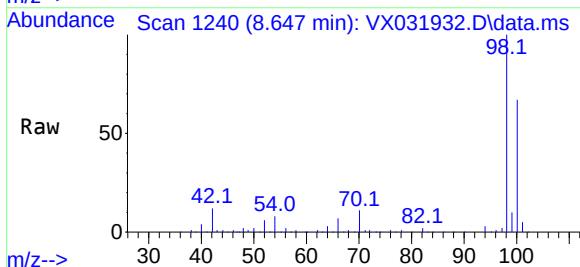
Instrument :
MSVOA_X
ClientSampleId :
MW-132

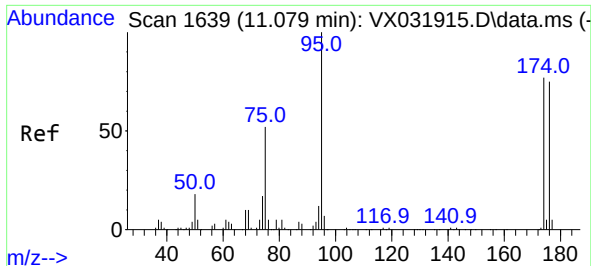
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 68.0 10.6 15.8#



#50
Toluene-d8
Concen: 46.041 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 98 Resp: 139145
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7

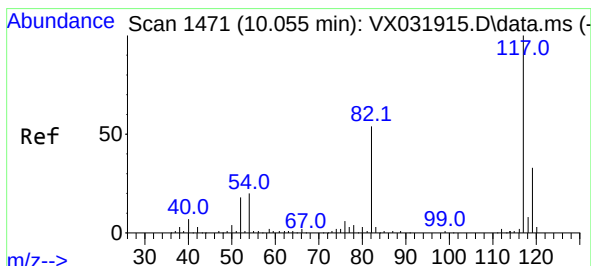
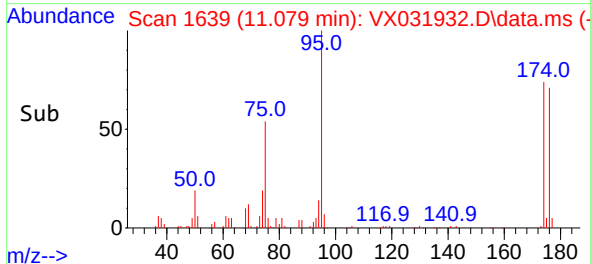
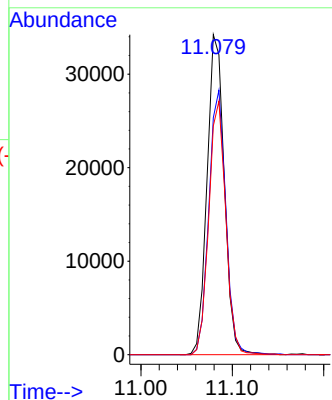
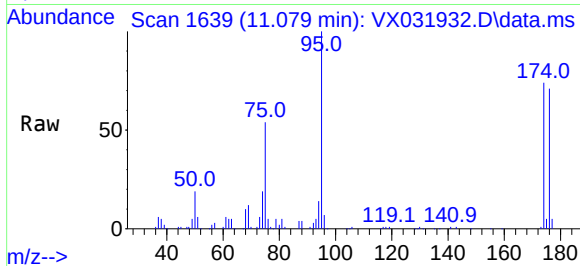




#62
4-Bromofluorobenzene
Concen: 41.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

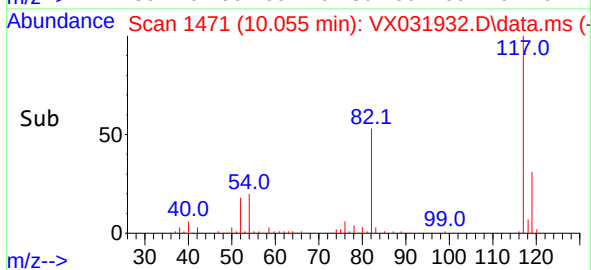
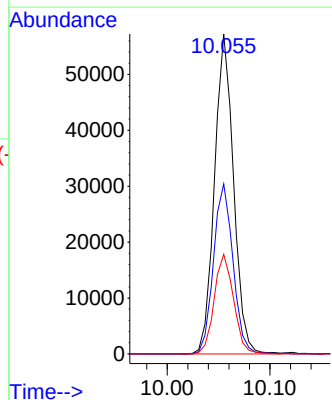
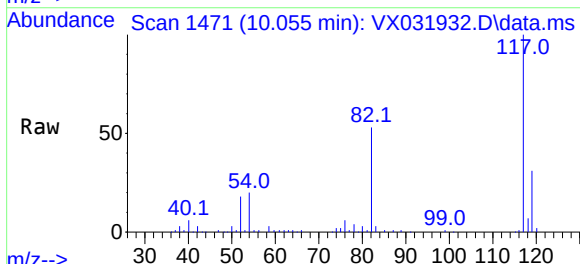
Instrument :
MSVOA_X
ClientSampleId :
MW-132

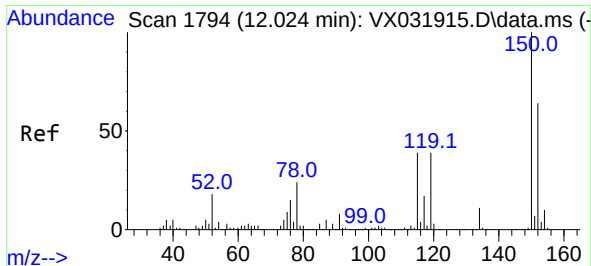
Tgt Ion: 95 Resp: 44835
Ion Ratio Lower Upper
95 100
174 81.7 0.0 153.2
176 77.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 117 Resp: 73827
Ion Ratio Lower Upper
117 100
82 53.2 46.8 70.2
119 31.1 26.4 39.6

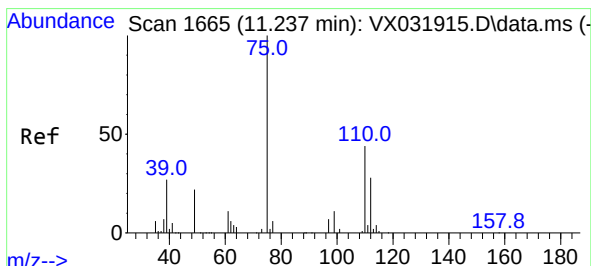
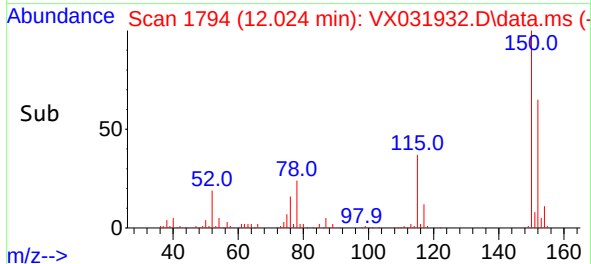
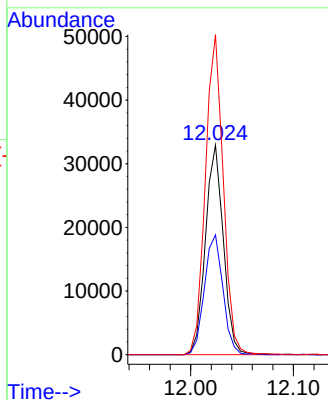
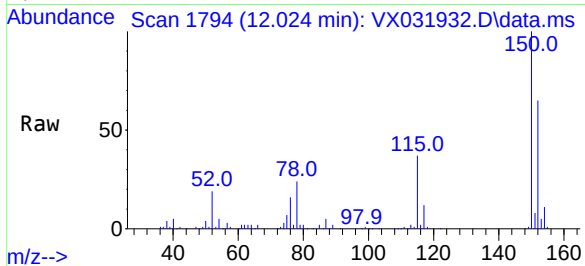




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

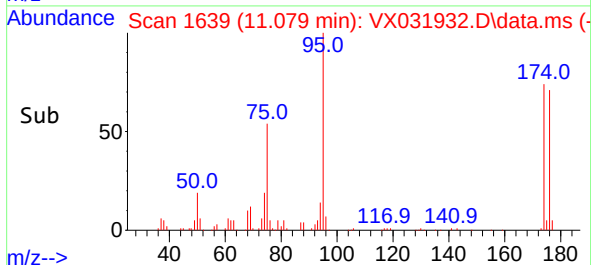
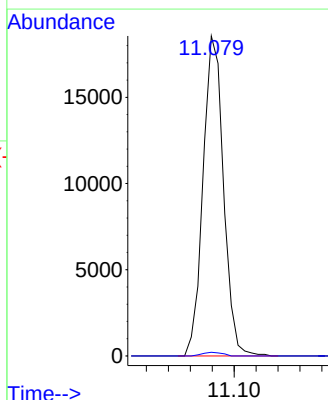
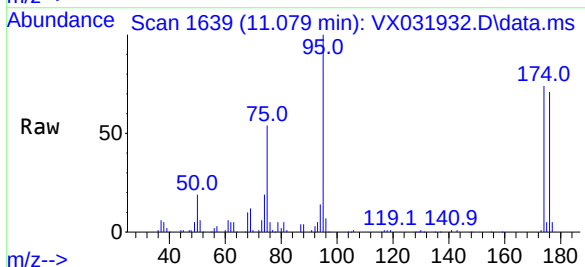
Instrument :
MSVOA_X
ClientSampleId :
MW-132

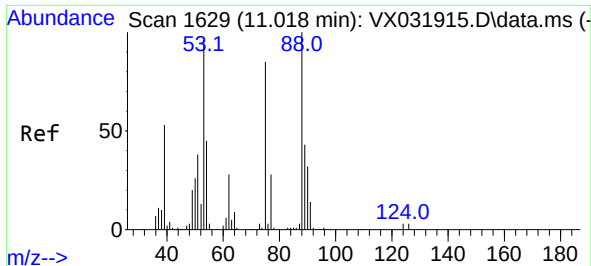
Tgt Ion:152 Resp: 39946
Ion Ratio Lower Upper
152 100
115 59.2 43.4 130.1
150 152.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031932.D
Acq: 06 Oct 2022 20:51

Tgt Ion: 75 Resp: 24004
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.157 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031932.D
 Acq: 06 Oct 2022 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-132

Tgt Ion: 75 Resp: 24004
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

