

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031940.D
 Acq On : 06 Oct 2022 23:57
 Operator : JC/MD
 Sample : N4883-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136

Quant Time: Oct 07 08:10:03 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)

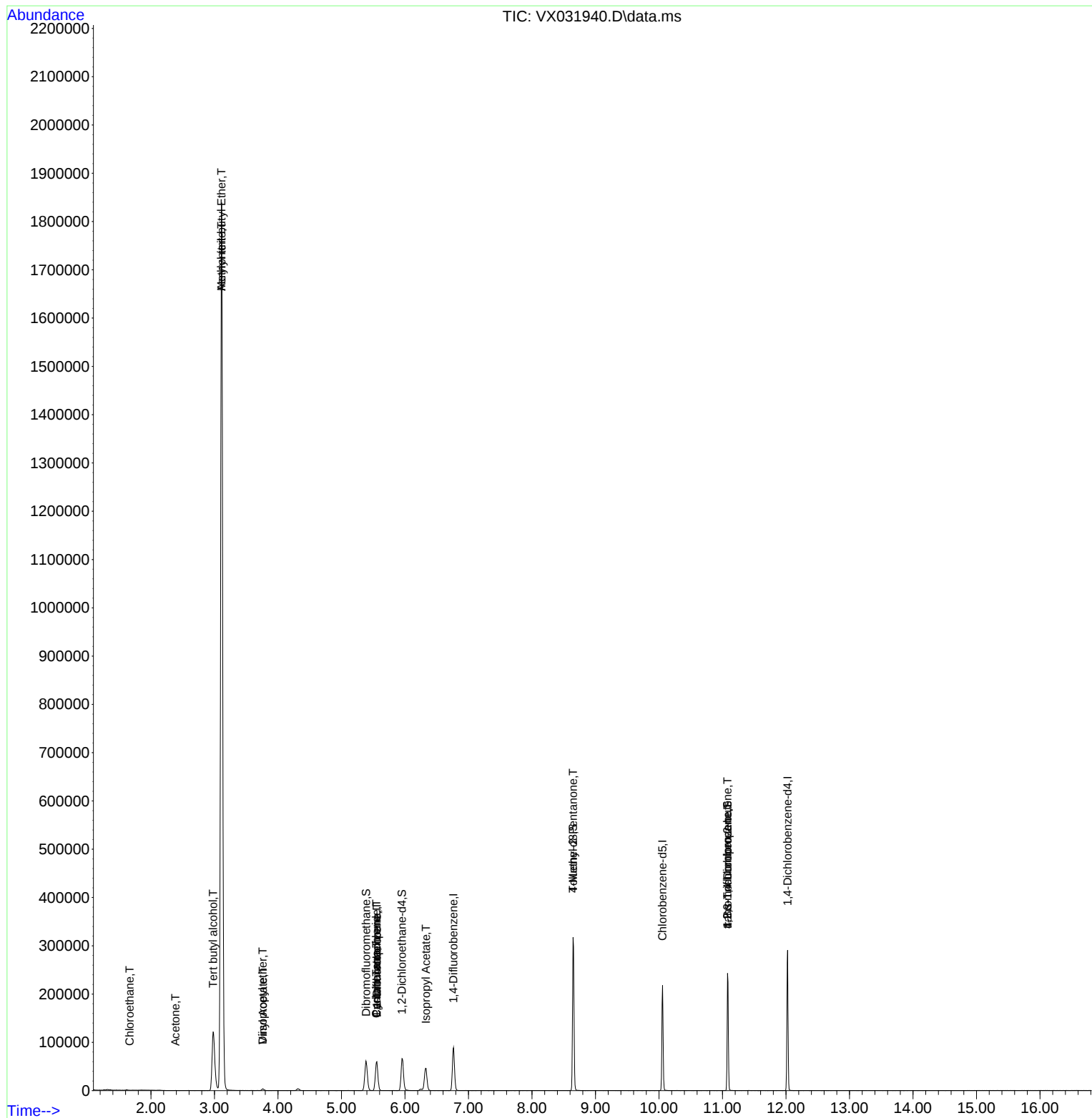
Internal Standards						
1) Pentafluorobenzene	5.556	168	56205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	93030	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62992	54.268	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.540%	
35) Dibromofluoromethane	5.385	113	51815	49.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.400%	
50) Toluene-d8	8.647	98	187563	49.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.079	95	64306	48.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	195	Below Cal		87
6) Chloroethane	1.666	64	175	0.201 ug/l	#	43
11) Tert butyl alcohol	2.977	59	176814	1224.328 ug/l		99
15) Acrylonitrile	3.111	53	22224	48.273 ug/l	#	30
16) Acetone	2.386	43	411	1.042 ug/l	#	45
19) Methyl tert-butyl Ether	3.111	73	2052996	714.612 ug/l		99
22) Diisopropyl ether	3.758	45	3335	1.218 ug/l	#	70
23) Vinyl Acetate	3.764	43	1699	0.830 ug/l	#	71
31) Cyclohexane	5.550	56	1111	0.801 ug/l	#	21
36) 1,1-Dichloropropene	5.556	75	4275	3.061 ug/l	#	51
38) Carbon Tetrachloride	5.550	117	5719	4.005 ug/l	#	16
43) Isopropyl Acetate	6.330	43	14878	7.459 ug/l	#	5
51) 4-Methyl-2-Pentanone	8.647	43	746	0.564 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	32582	27.031 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32582	92.619 ug/l	#	11

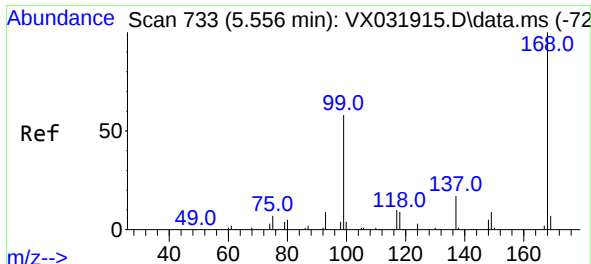
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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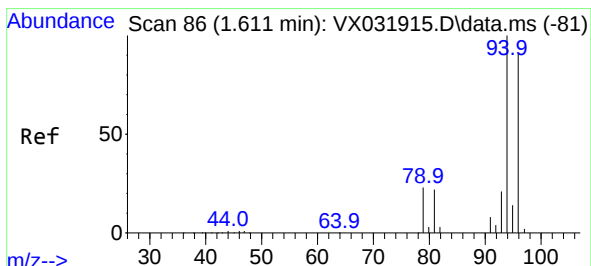
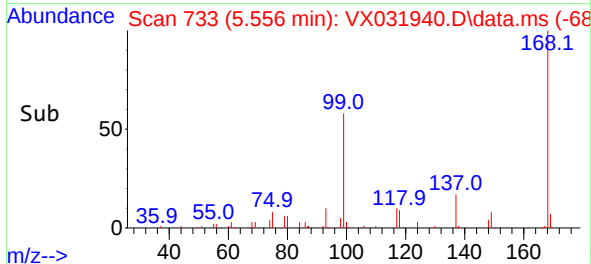
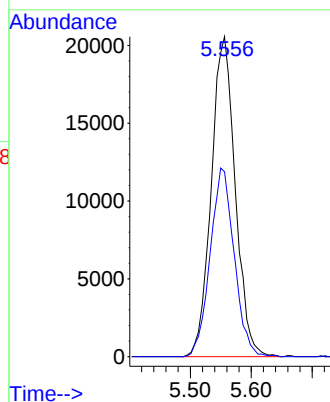
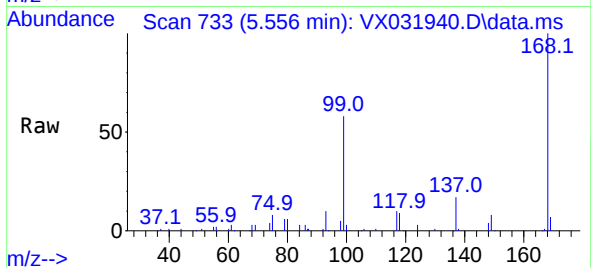




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

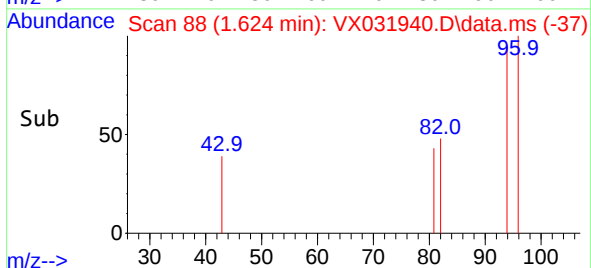
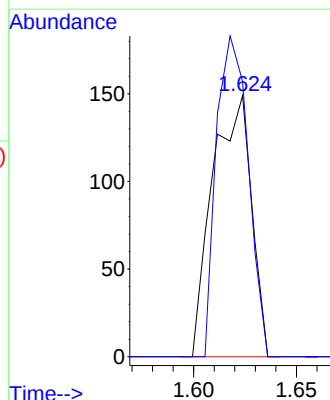
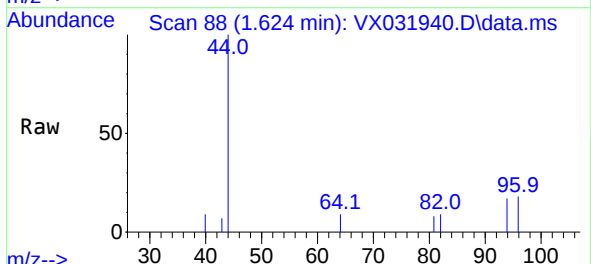
Instrument :
MSVOA_X
ClientSampleId :
MW-136

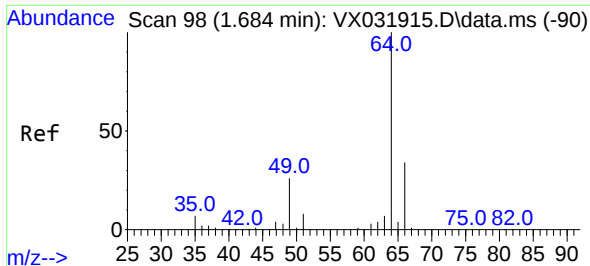
Tgt Ion:168 Resp: 56205
Ion Ratio Lower Upper
168 100
99 57.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 105.4 74.4 111.6

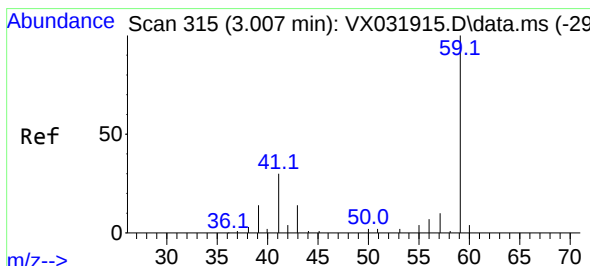
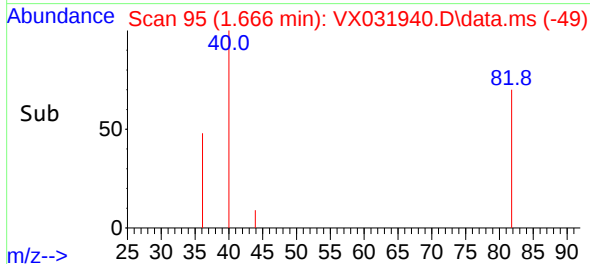
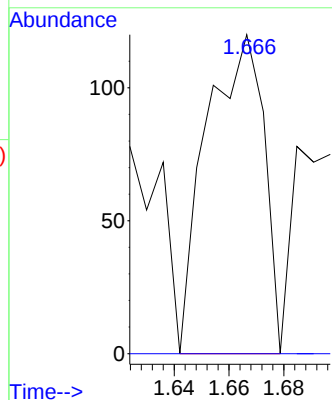
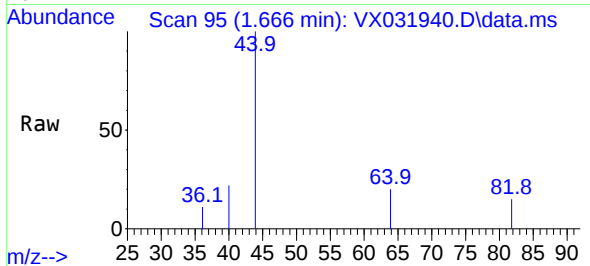




#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

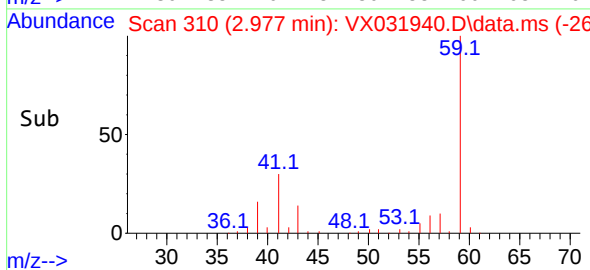
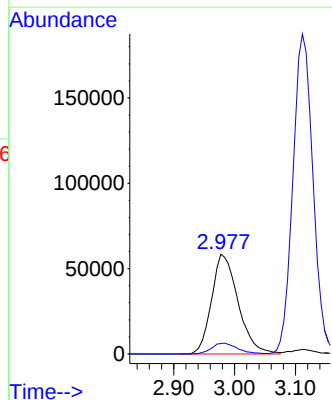
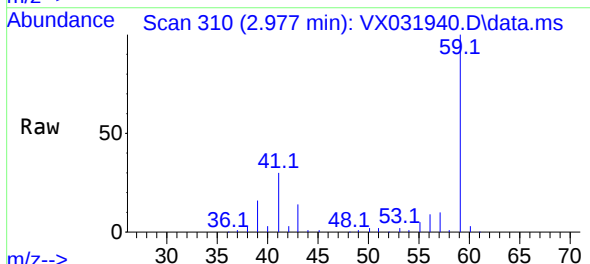
Instrument :
MSVOA_X
ClientSampleId :
MW-136

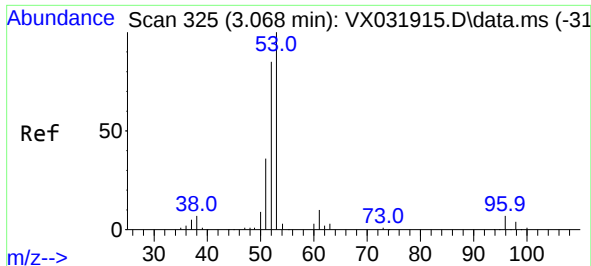
Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: 1224.328 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.030 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 59 Resp: 176814
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

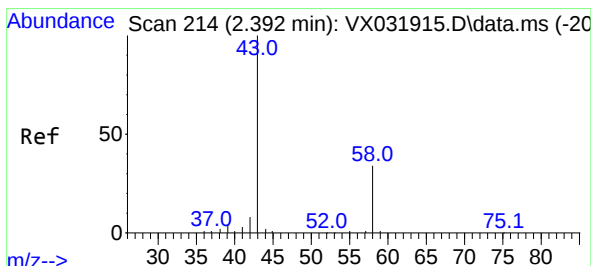
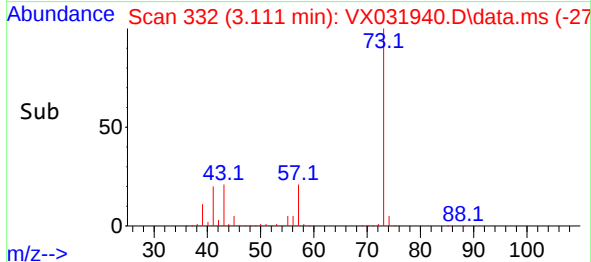
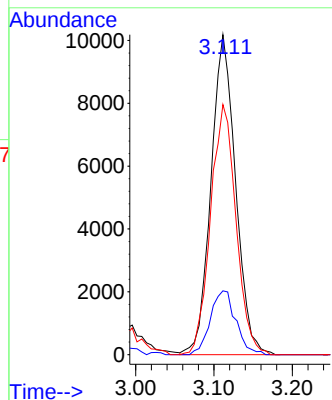
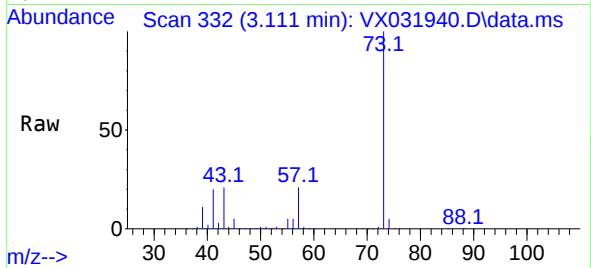




#15
Acrylonitrile
Concen: 48.273 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

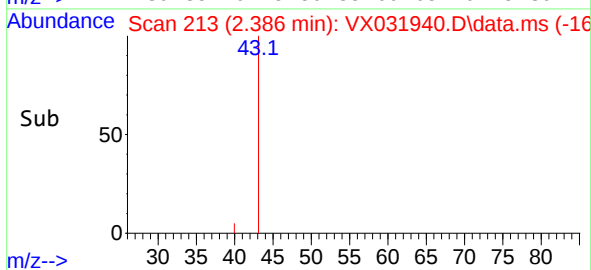
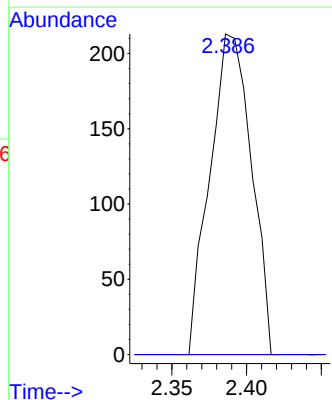
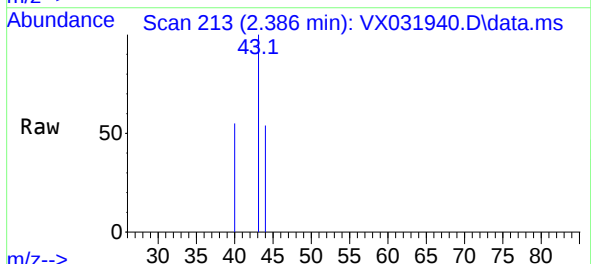
Instrument :
MSVOA_X
ClientSampleId :
MW-136

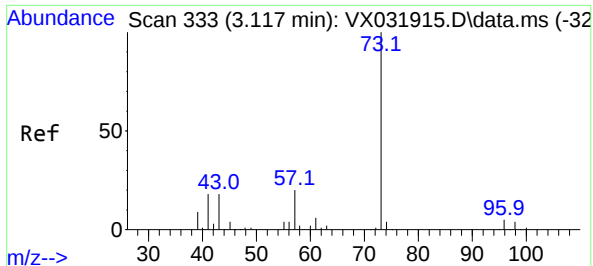
Tgt Ion: 53 Resp: 22224
Ion Ratio Lower Upper
53 100
52 20.7 66.9 100.3#
51 80.9 30.0 45.0#



#16
Acetone
Concen: 1.042 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

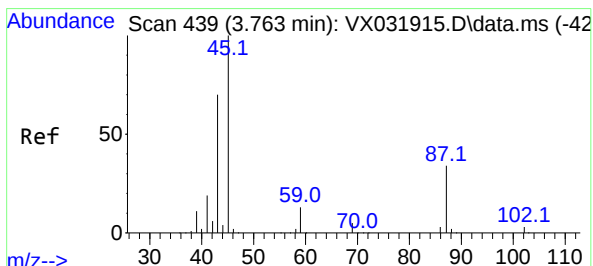
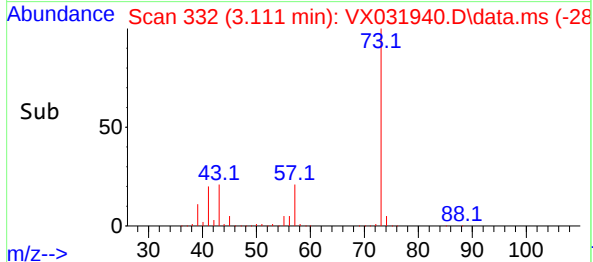
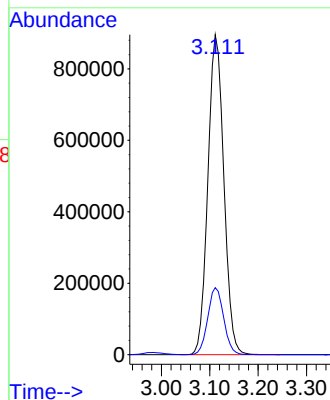
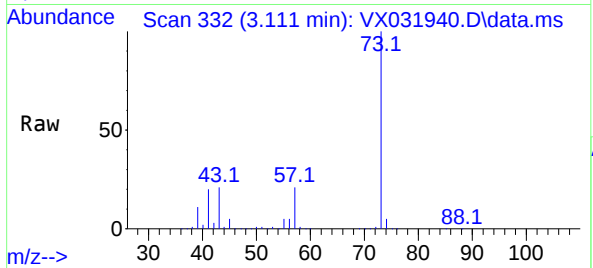




#19
Methyl tert-butyl Ether
Concen: 714.612 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

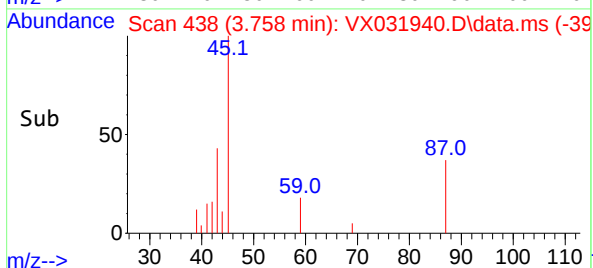
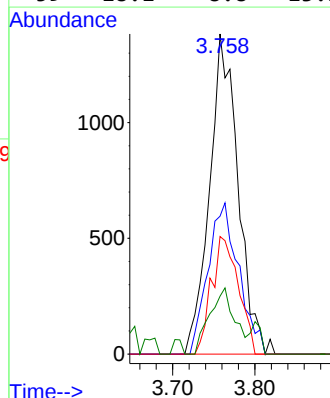
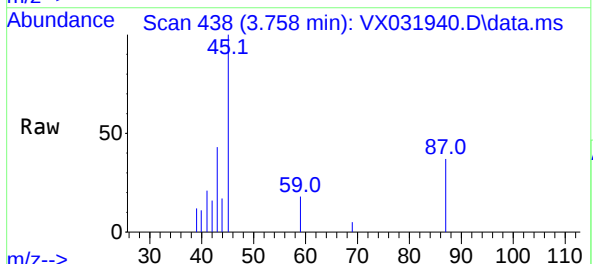
Instrument :
MSVOA_X
ClientSampleId :
MW-136

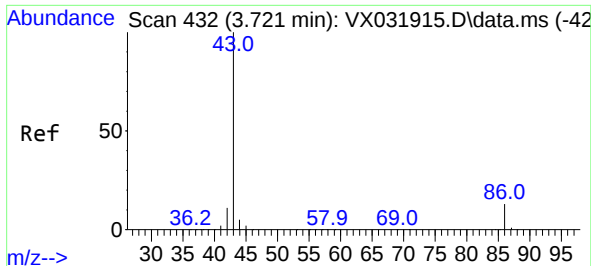
Tgt Ion: 73 Resp: 2052996
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#22
Diisopropyl ether
Concen: 1.218 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.005 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 45 Resp: 3335
Ion Ratio Lower Upper
45 100
43 43.1 59.0 88.6#
87 36.7 22.6 33.8#
59 18.1 8.8 13.2#

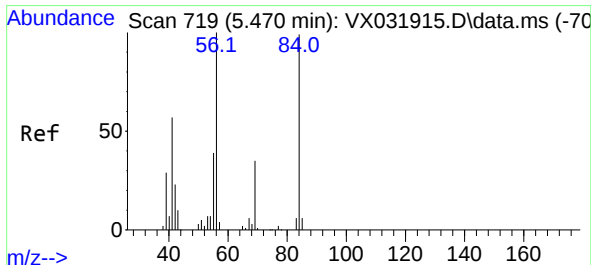
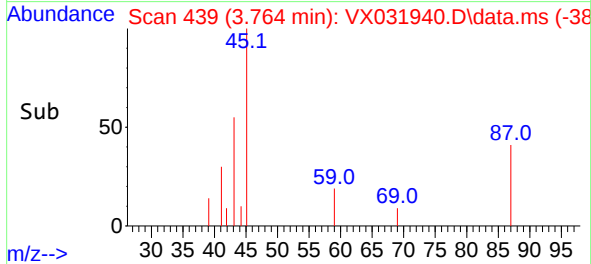
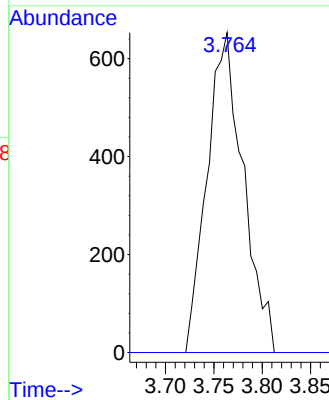
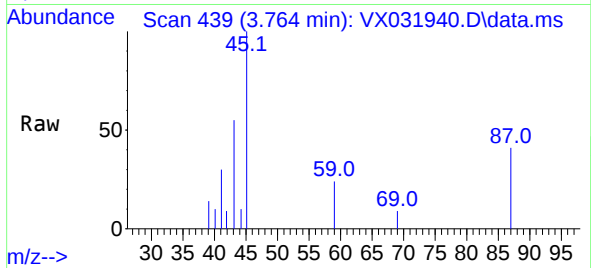




#23
 Vinyl Acetate
 Concen: 0.830 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.043 min
 Lab File: VX031940.D
 Acq: 06 Oct 2022 23:57

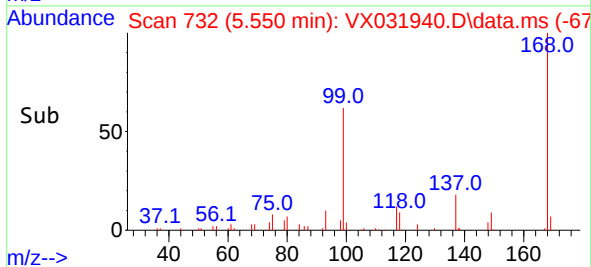
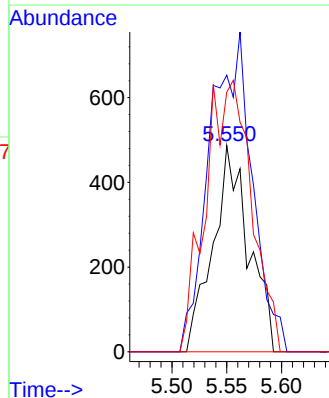
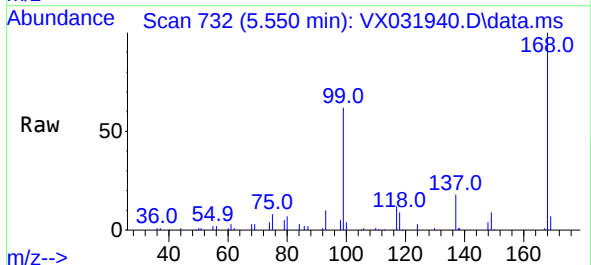
Instrument :
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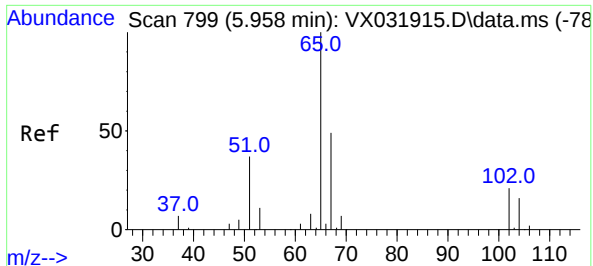
Tgt Ion: 43 Resp: 1699
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#31
 Cyclohexane
 Concen: 0.801 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.080 min
 Lab File: VX031940.D
 Acq: 06 Oct 2022 23:57

Tgt Ion: 56 Resp: 1111
 Ion Ratio Lower Upper
 56 100
 69 134.1 25.1 37.7#
 84 125.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 54.268 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031940.D

Acq: 06 Oct 2022 23:57

Instrument :

MSVOA_X

ClientSampleId :

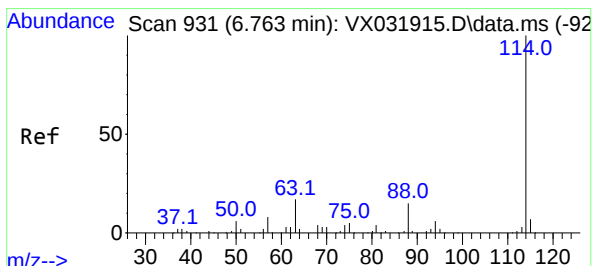
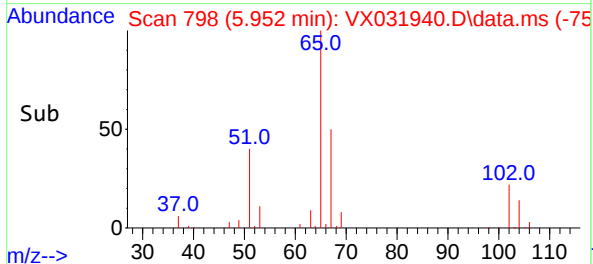
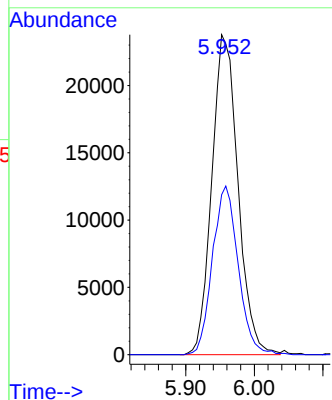
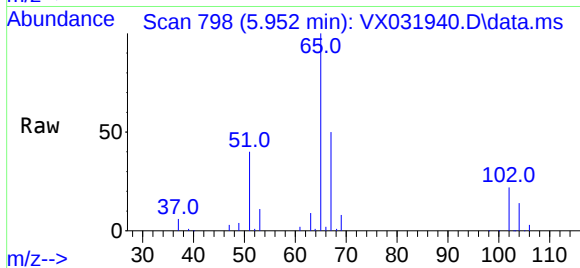
MW-136

Tgt Ion: 65 Resp: 62992

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031940.D

Acq: 06 Oct 2022 23:57

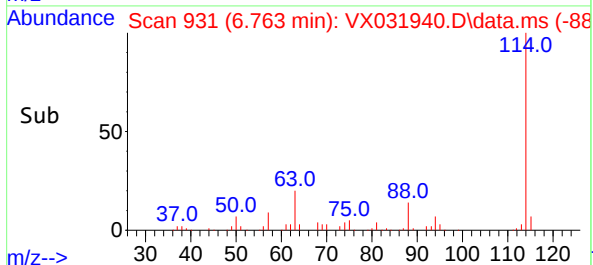
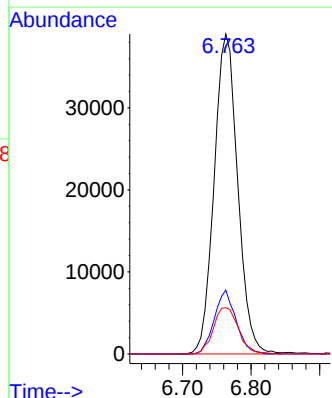
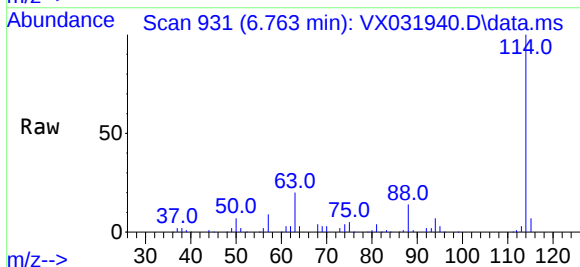
Tgt Ion: 114 Resp: 93030

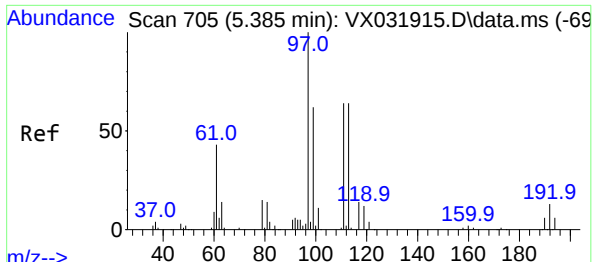
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 14.5 0.0 33.0

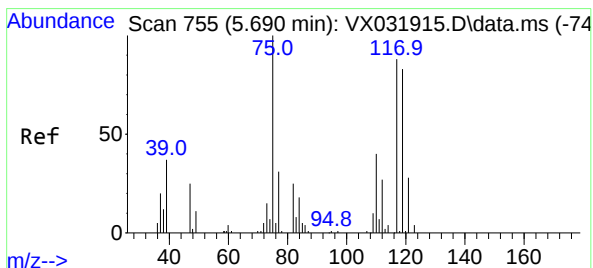
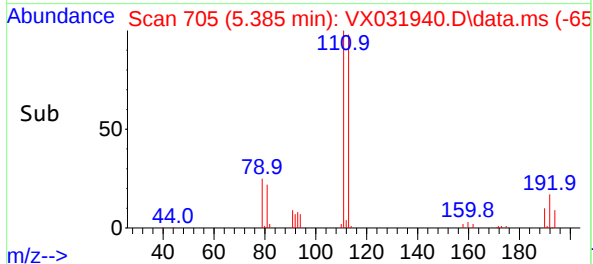
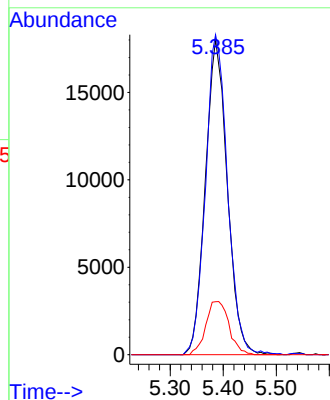
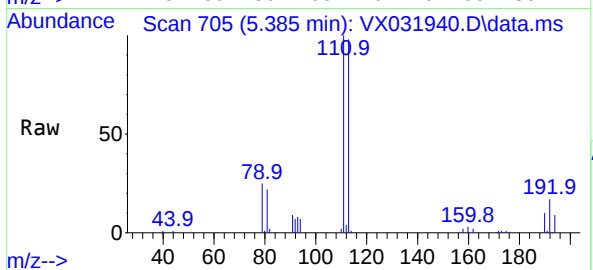




#35
Dibromofluoromethane
Concen: 49.205 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

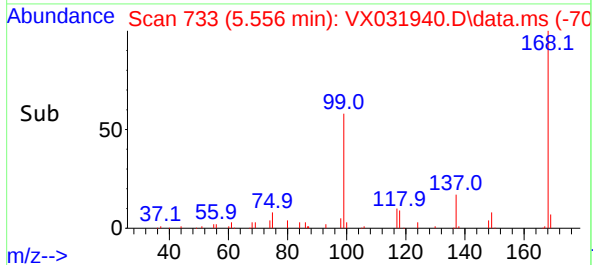
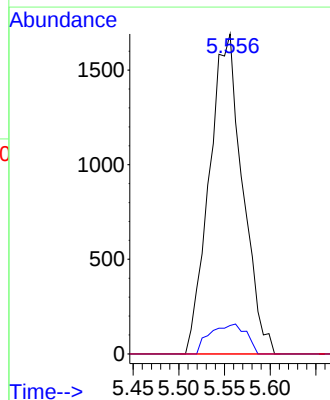
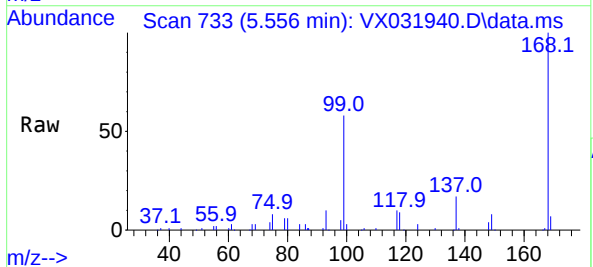
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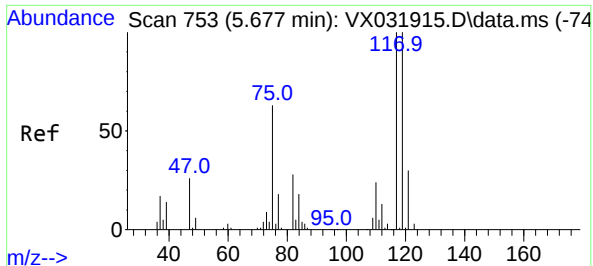
Tgt Ion:113 Resp: 51815
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 17.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.061 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 75 Resp: 4275
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.9 37.3#

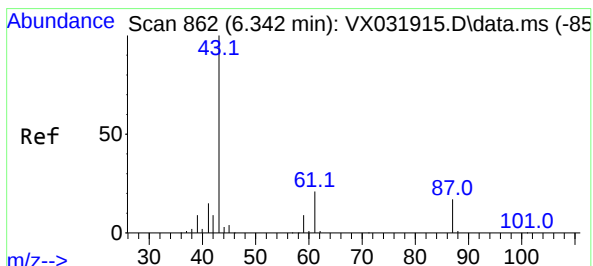
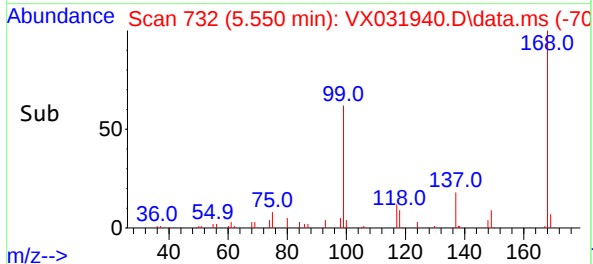
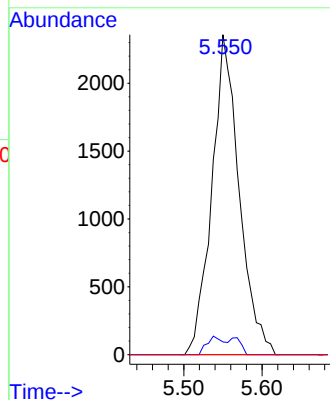
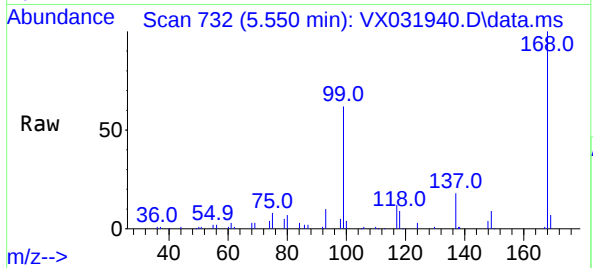




#38
Carbon Tetrachloride
Concen: 4.005 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

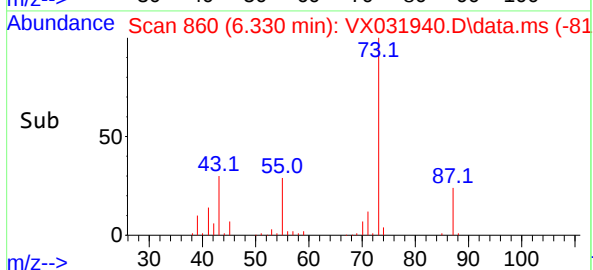
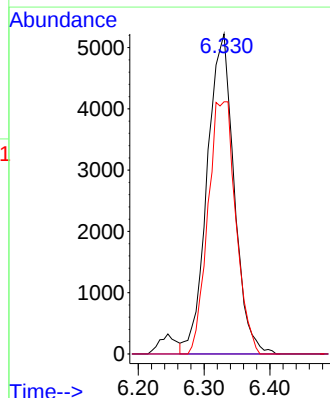
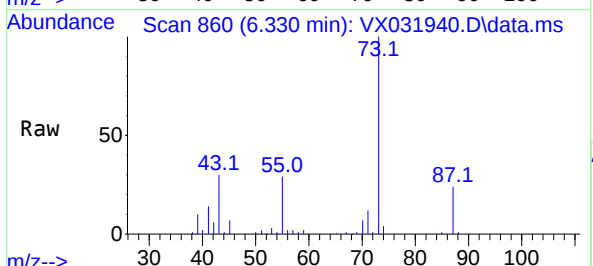
Instrument :
MSVOA_X
ClientSampleId :
MW-136

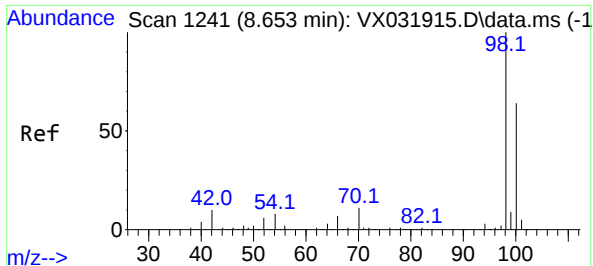
Tgt Ion:117 Resp: 5719
Ion Ratio Lower Upper
117 100
119 4.0 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 7.459 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 43 Resp: 14878
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 81.4 10.6 15.8#





#50

Toluene-d8

Concen: 49.499 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031940.D

Acq: 06 Oct 2022 23:57

Instrument :

MSVOA_X

ClientSampleId :

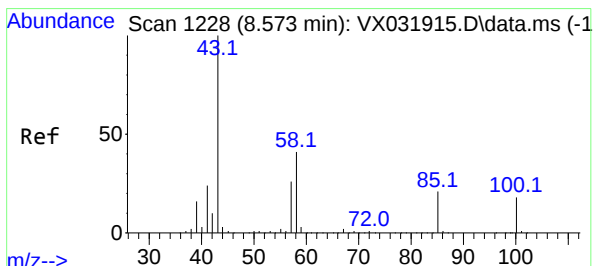
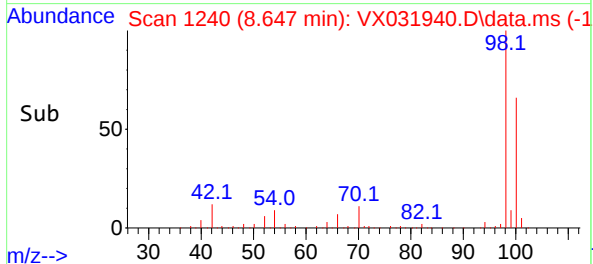
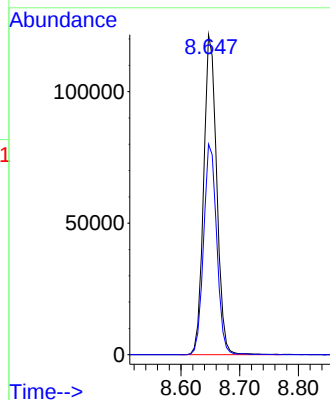
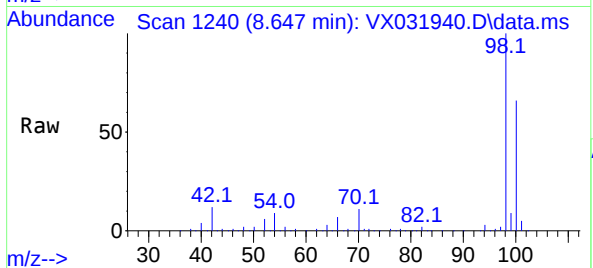
MW-136

Tgt Ion: 98 Resp: 187563

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.564 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX031940.D

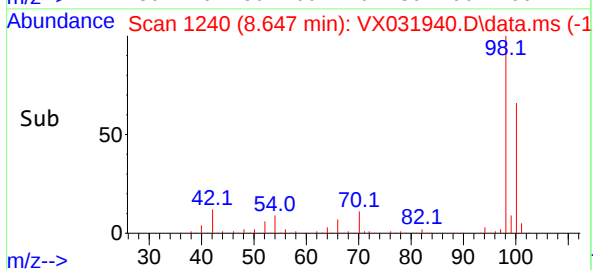
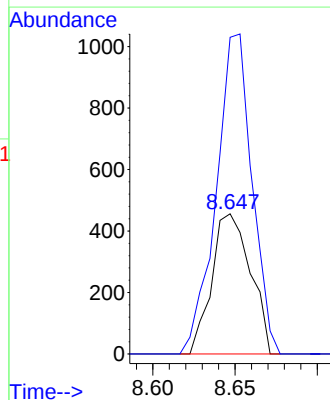
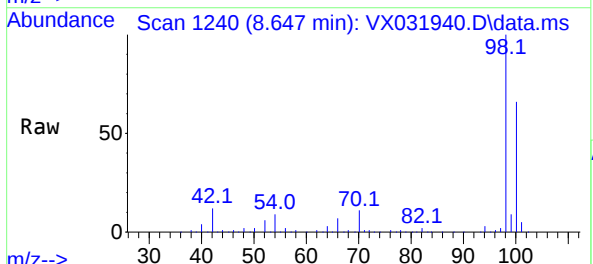
Acq: 06 Oct 2022 23:57

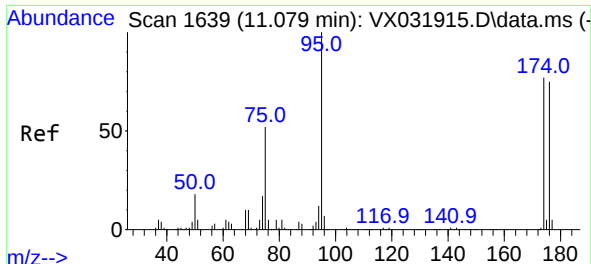
Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

58 211.8 30.6 46.0#

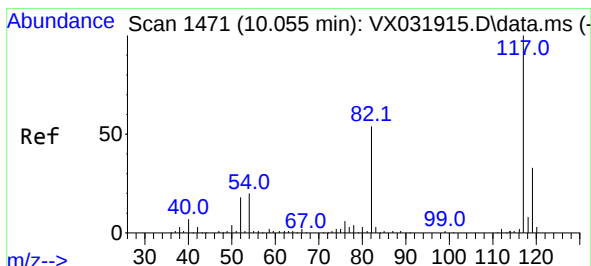
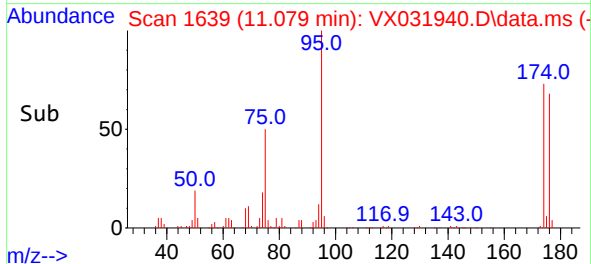
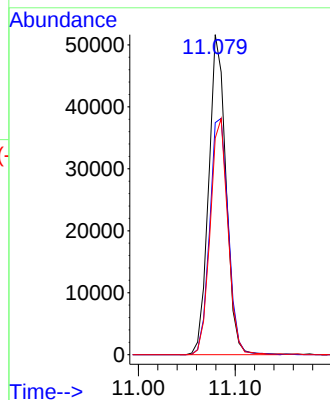
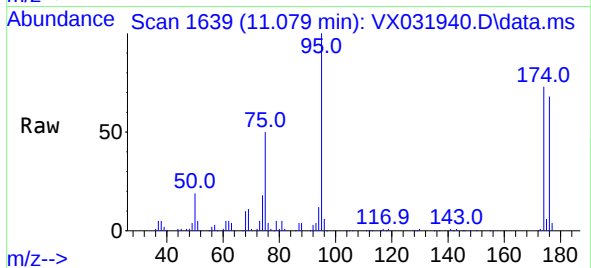




#62
4-Bromofluorobenzene
Concen: 48.004 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

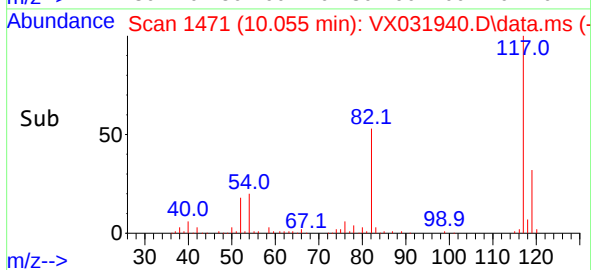
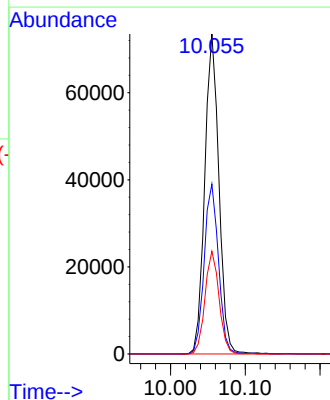
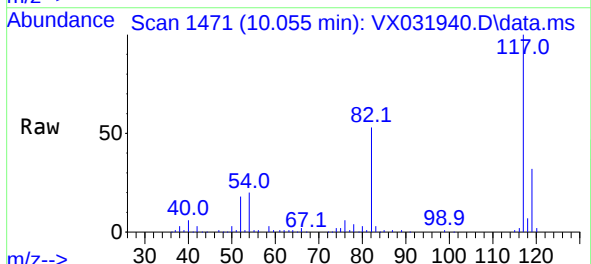
Instrument :
MSVOA_X
ClientSampleId :
MW-136

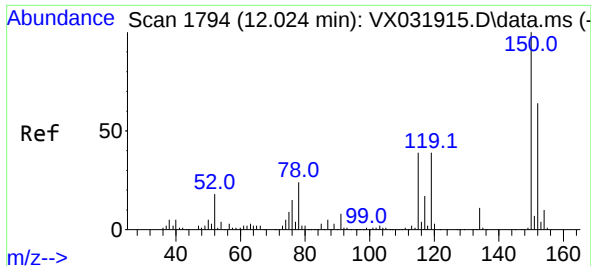
Tgt Ion: 95 Resp: 64306
Ion Ratio Lower Upper
95 100
174 79.3 0.0 153.2
176 75.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 117 Resp: 96641
Ion Ratio Lower Upper
117 100
82 53.1 46.8 70.2
119 32.1 26.4 39.6

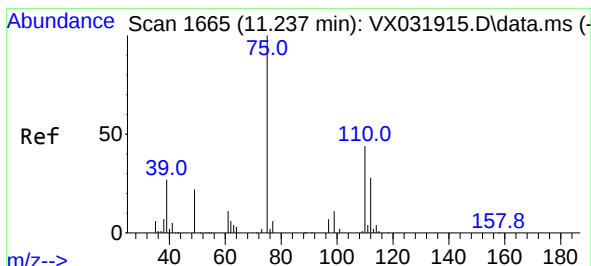
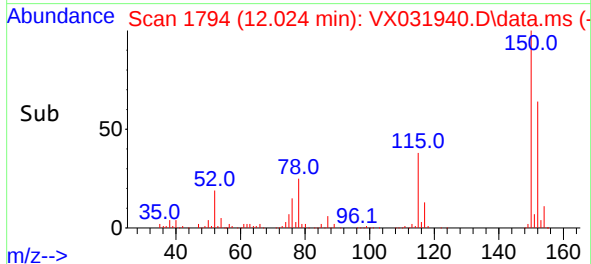
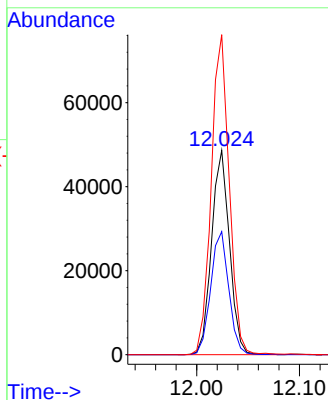
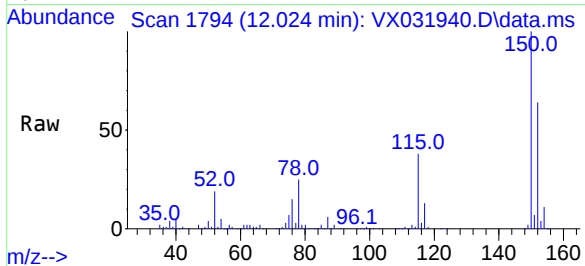




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

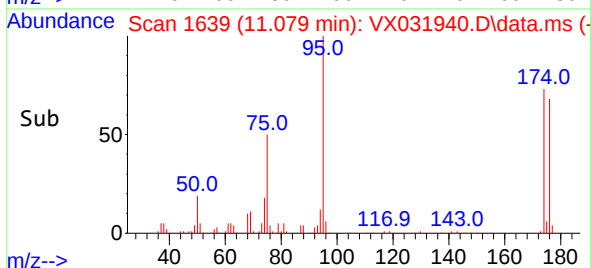
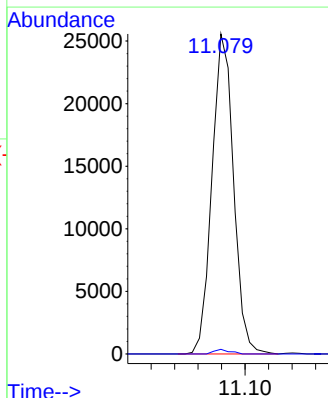
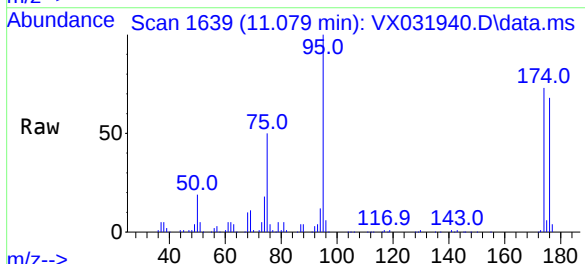
Instrument :
MSVOA_X
ClientSampleId :
MW-136

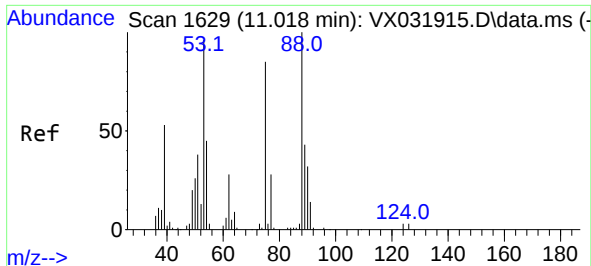
Tgt Ion:152 Resp: 58812
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 157.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031940.D
Acq: 06 Oct 2022 23:57

Tgt Ion: 75 Resp: 32582
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.619 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031940.D
 Acq: 06 Oct 2022 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136

Tgt Ion: 75 Resp: 32582
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

