

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031936.D
 Acq On : 06 Oct 2022 22:24
 Operator : JC/MD
 Sample : N4882-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-129

Quant Time: Oct 07 08:09:25 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)

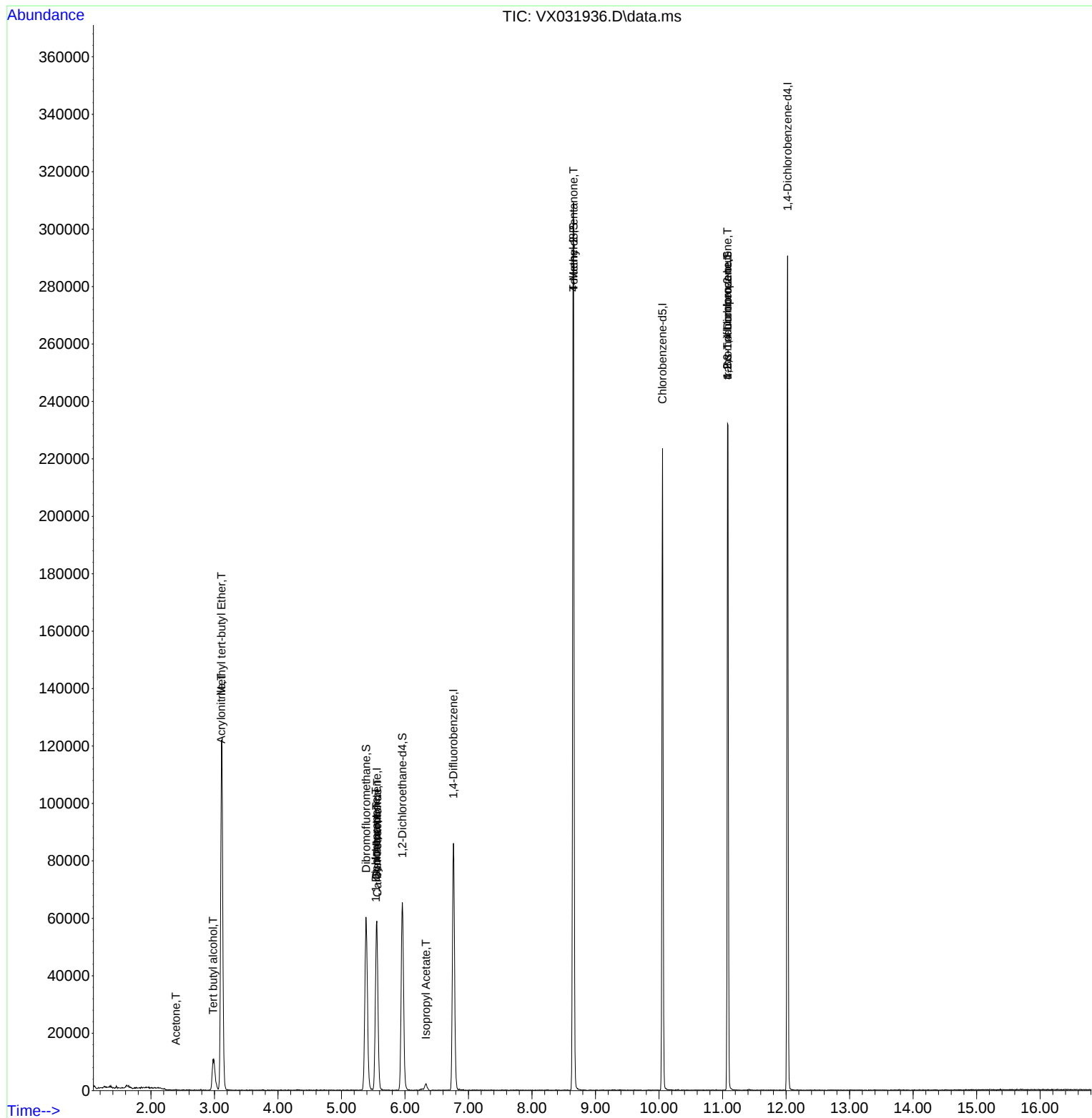
Internal Standards						
1) Pentafluorobenzene	5.556	168	54834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	90207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61790	54.564	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.120%			
35) Dibromofluoromethane	5.385	113	50949	49.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
50) Toluene-d8	8.653	98	184848	50.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.079	95	62420	48.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.100%			
Target Compounds						
5) Bromomethane	1.617	94	229	Below Cal	#	60
11) Tert butyl alcohol	2.977	59	15722	111.587	ug/l	96
15) Acrylonitrile	3.105	53	1726	3.843	ug/l #	29
16) Acetone	2.392	43	305	0.792	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	134963	48.153	ug/l	97
31) Cyclohexane	5.550	56	1194	0.883	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	4322	3.192	ug/l #	41
38) Carbon Tetrachloride	5.562	117	6137	4.433	ug/l #	13
43) Isopropyl Acetate	6.330	43	759	0.392	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	828	0.646	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32543	26.389	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32543	90.506	ug/l #	11

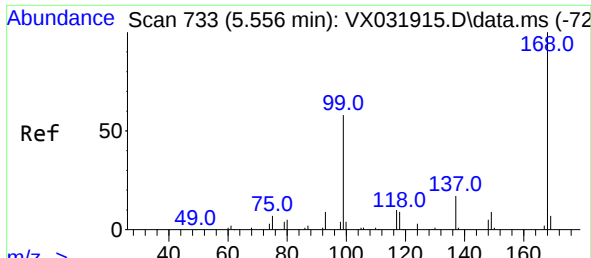
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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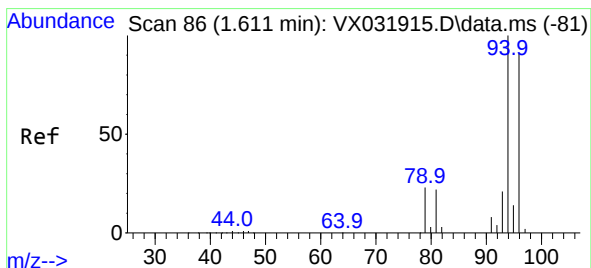
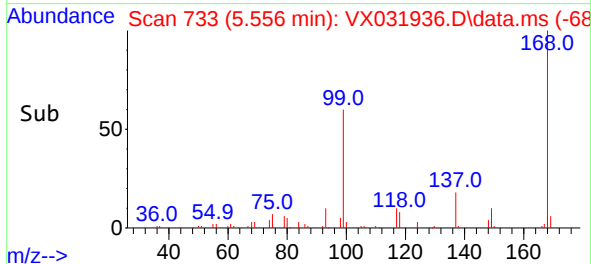
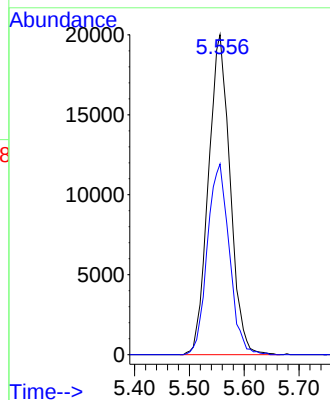
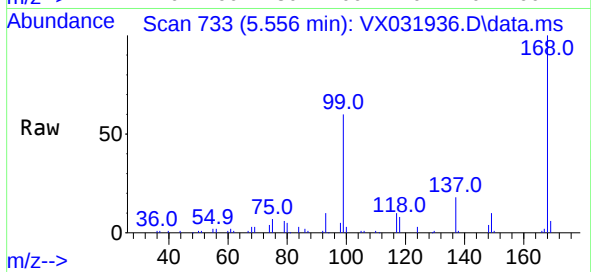




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

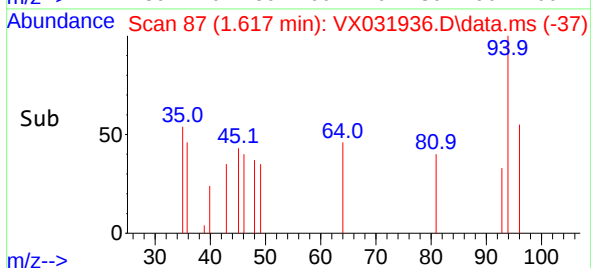
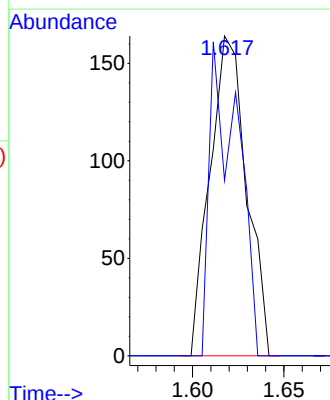
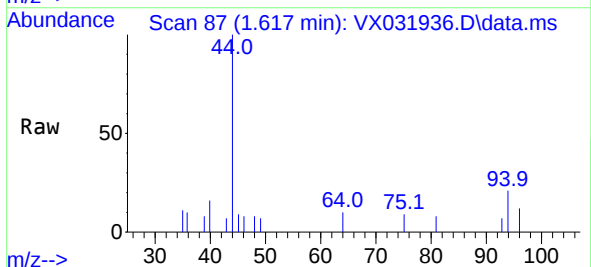
Instrument :
MSVOA_X
ClientSampleId :
MW-129

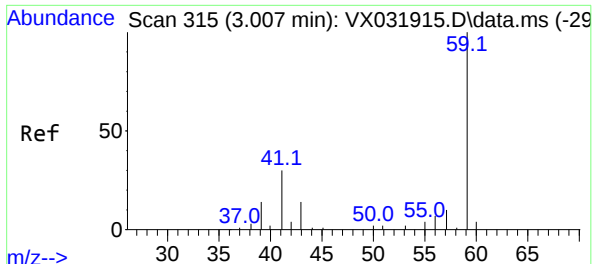
Tgt Ion:168 Resp: 54834
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 54.9 74.4 111.6#

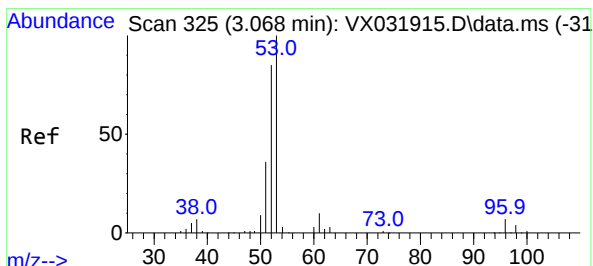
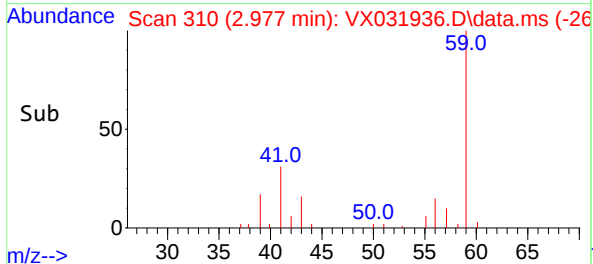
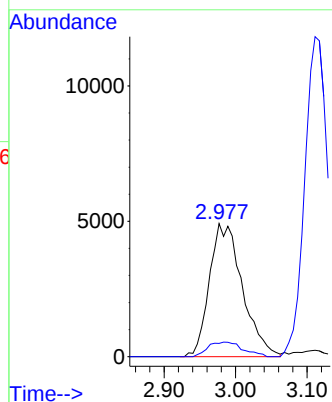
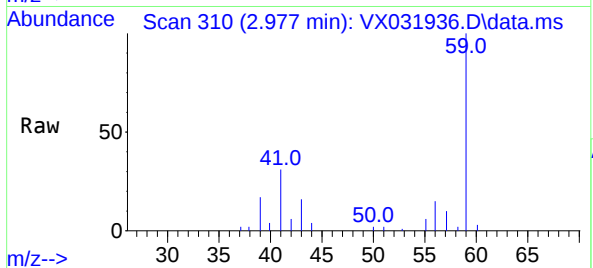




#11
Tert butyl alcohol
Concen: 111.587 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.030 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

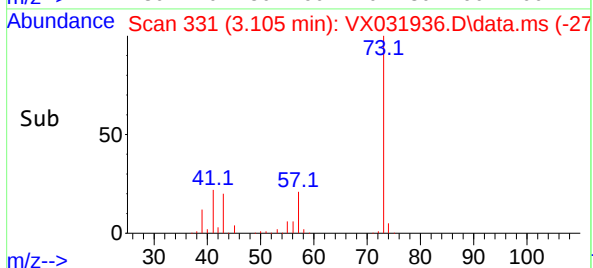
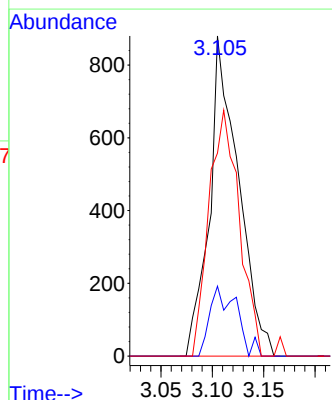
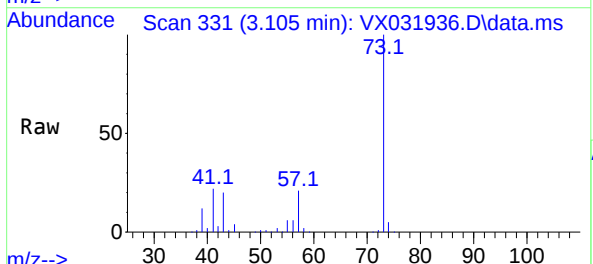
Instrument :
MSVOA_X
ClientSampleId :
MW-129

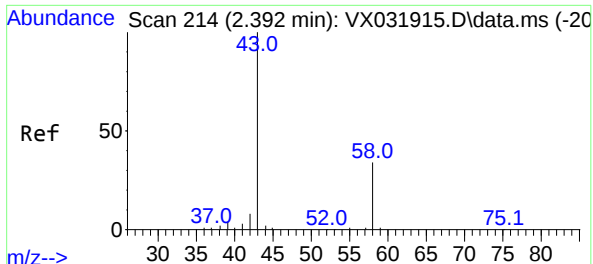
Tgt Ion: 59 Resp: 15722
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2



#15
Acrylonitrile
Concen: 3.843 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.037 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 53 Resp: 1726
Ion Ratio Lower Upper
53 100
52 20.0 66.9 100.3#
51 80.1 30.0 45.0#

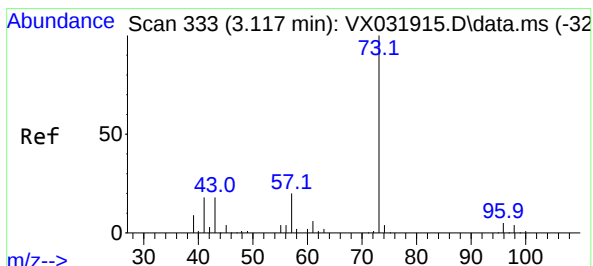
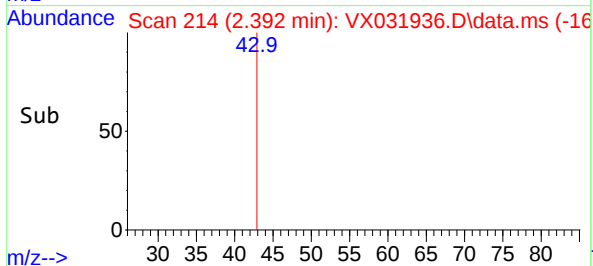
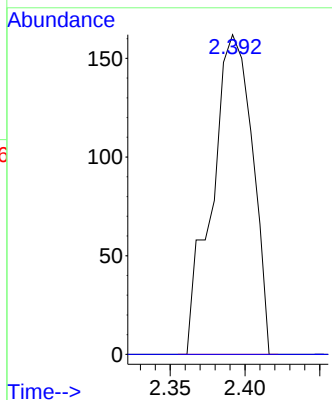
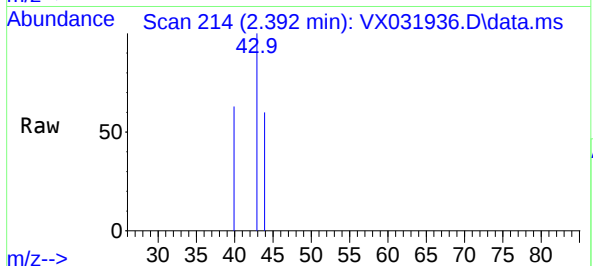




#16
Acetone
Concen: 0.792 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

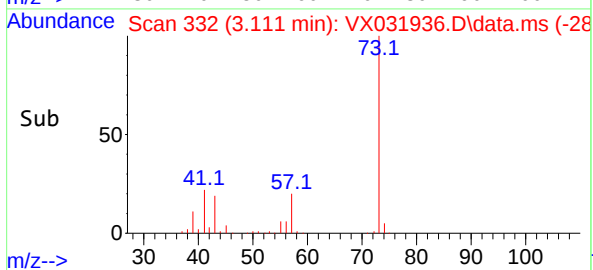
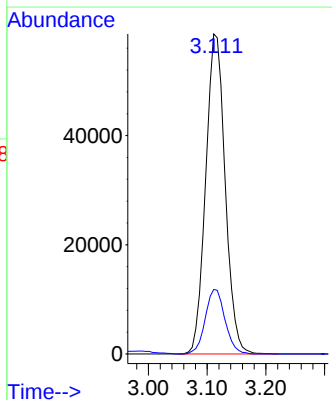
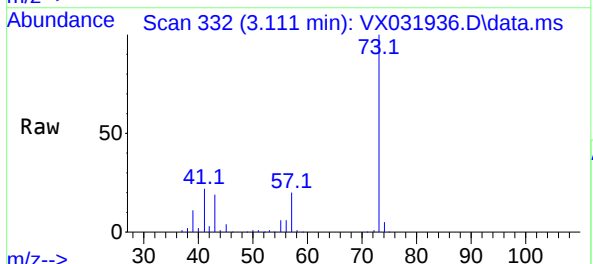
Instrument :
MSVOA_X
ClientSampleId :
MW-129

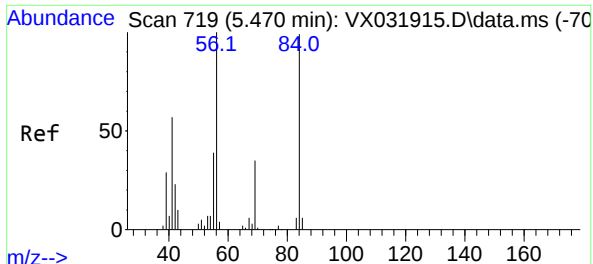
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 48.153 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 73 Resp: 134963
Ion Ratio Lower Upper
73 100
57 20.2 17.2 25.8

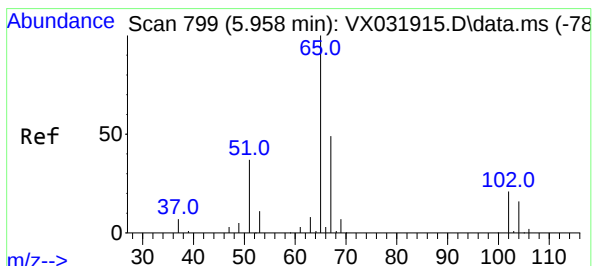
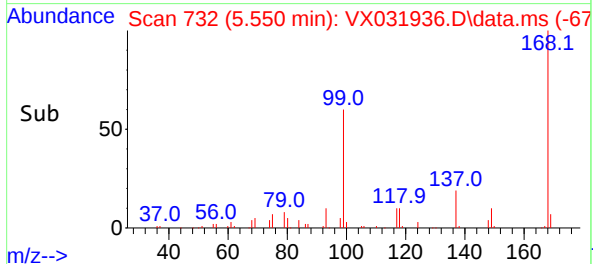
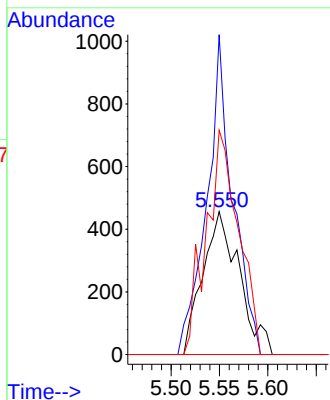
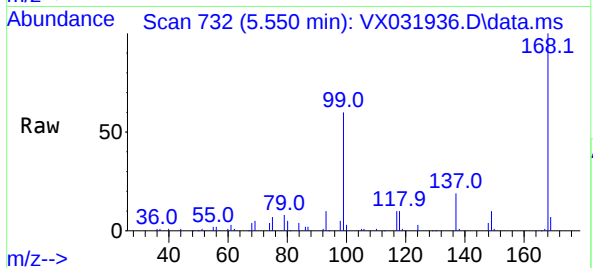




#31
Cyclohexane
Concen: 0.883 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

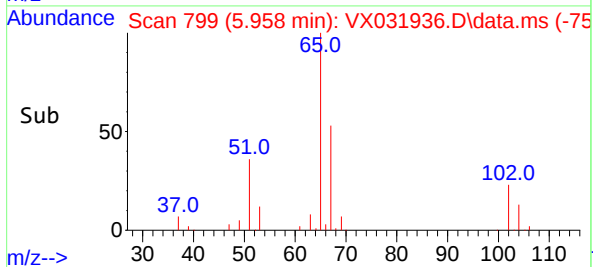
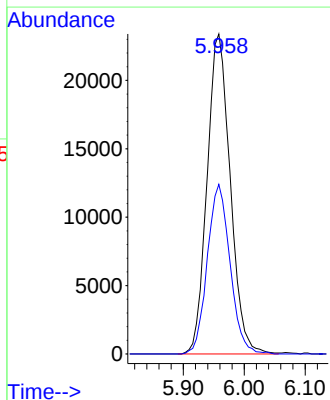
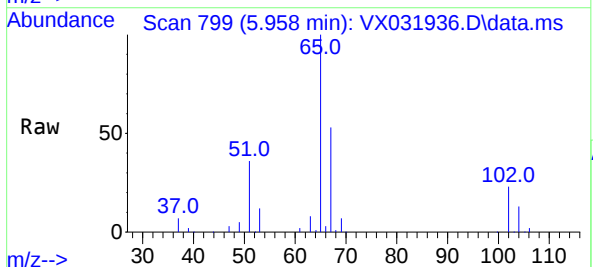
Instrument :
MSVOA_X
ClientSampleId :
MW-129

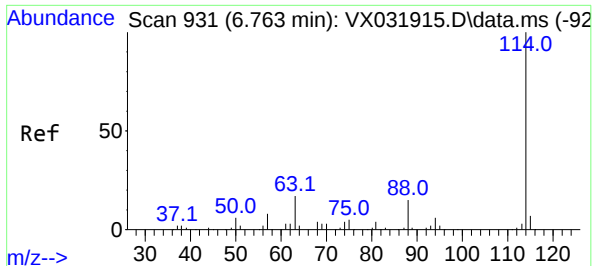
Tgt Ion: 56 Resp: 1194
Ion Ratio Lower Upper
56 100
69 223.9 25.1 37.7#
84 157.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.564 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 65 Resp: 61790
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4



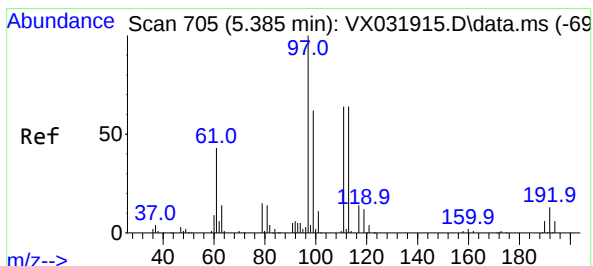
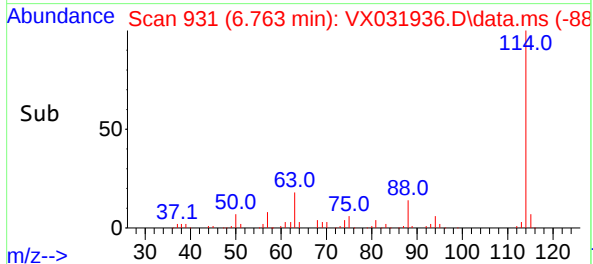
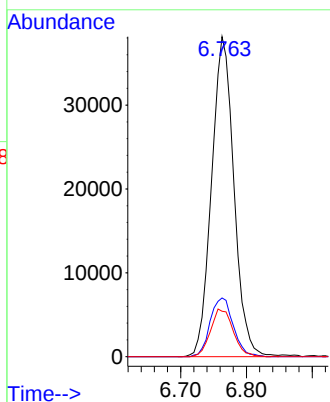
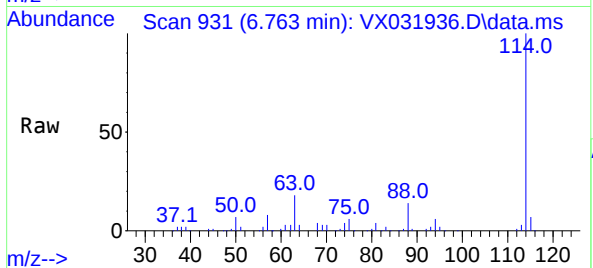


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Instrument :
MSVOA_X
ClientSampleId :
MW-129

Tgt Ion:114 Resp: 90207

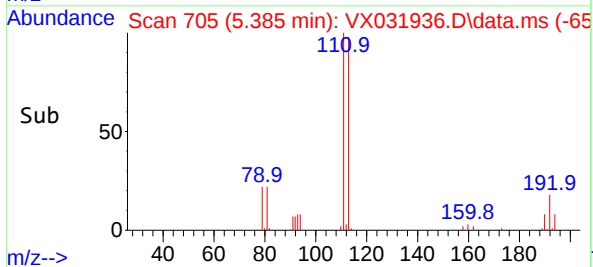
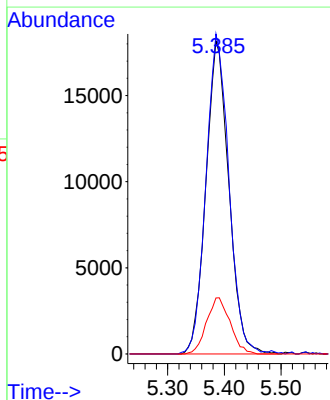
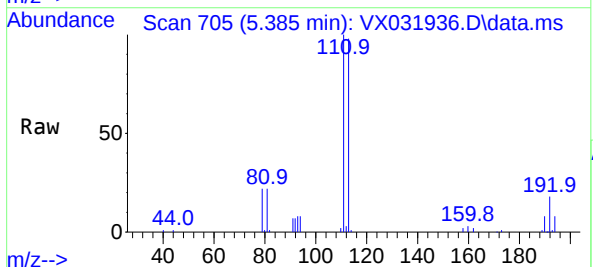
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	42.6
88	14.2	0.0	33.0

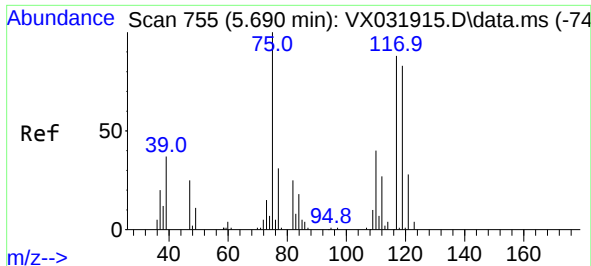


#35
Dibromofluoromethane
Concen: 49.897 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion:113 Resp: 50949

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	18.5	14.1	21.1





#36

1,1-Dichloropropene

Concen: 3.192 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX031936.D

Acq: 06 Oct 2022 22:24

Instrument :

MSVOA_X

ClientSampleId :

MW-129

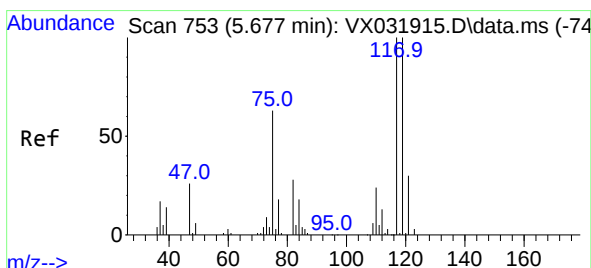
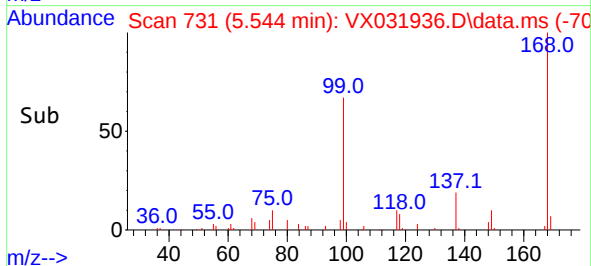
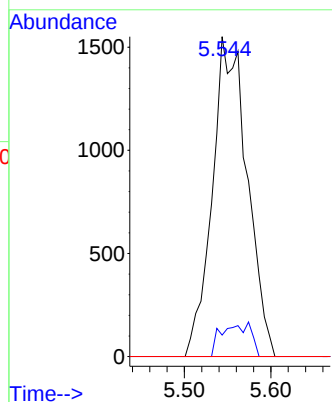
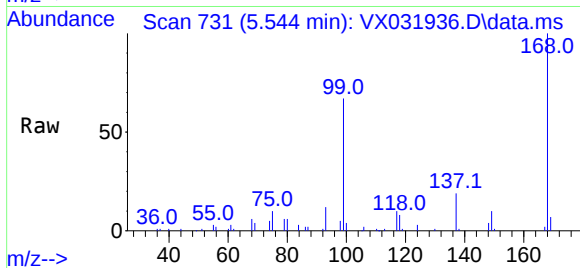
Tgt Ion: 75 Resp: 4322

Ion Ratio Lower Upper

75 100

110 0.0 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.433 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.115 min

Lab File: VX031936.D

Acq: 06 Oct 2022 22:24

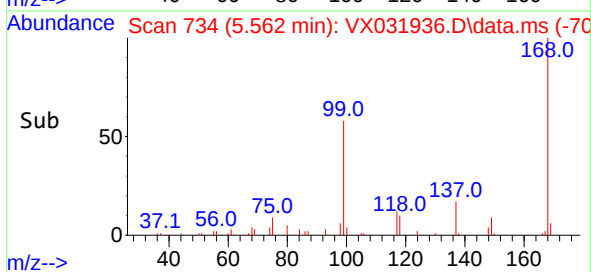
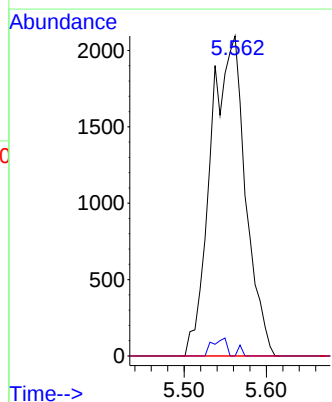
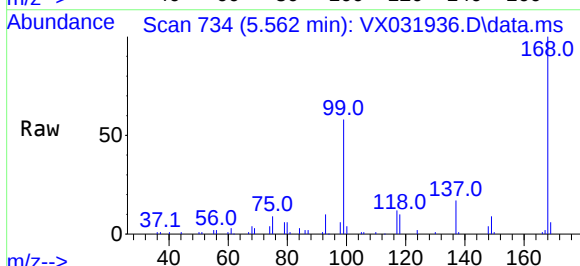
Tgt Ion: 117 Resp: 6137

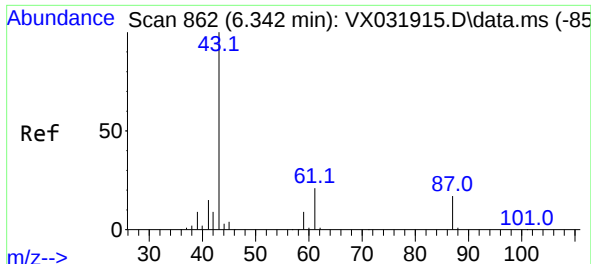
Ion Ratio Lower Upper

117 100

119 0.0 74.6 112.0#

121 0.0 25.3 37.9#

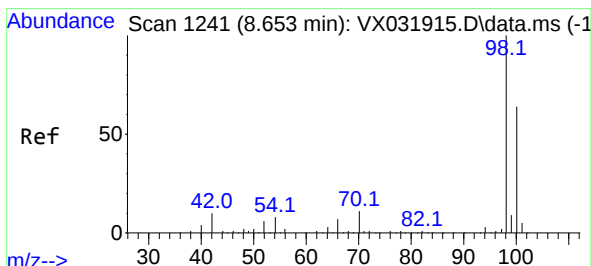
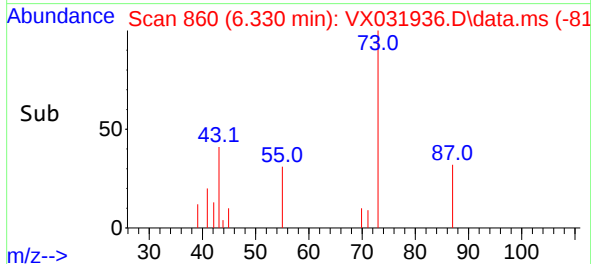
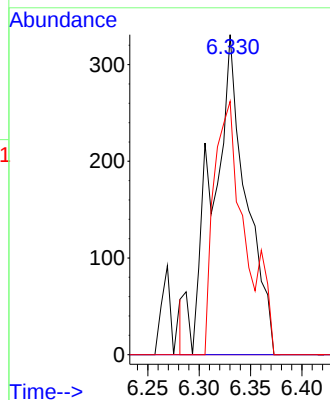
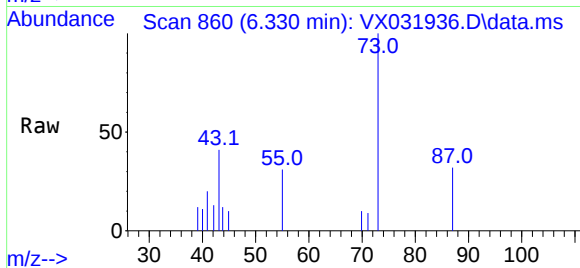




#43
Isopropyl Acetate
Concen: 0.392 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

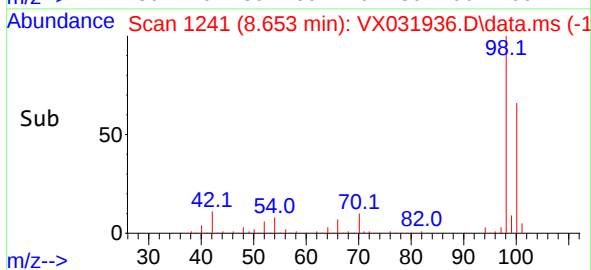
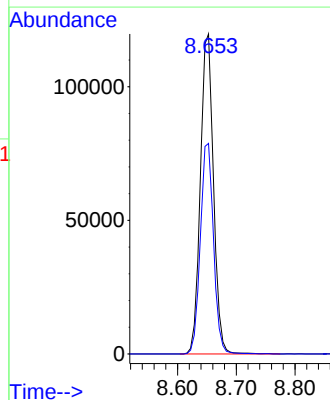
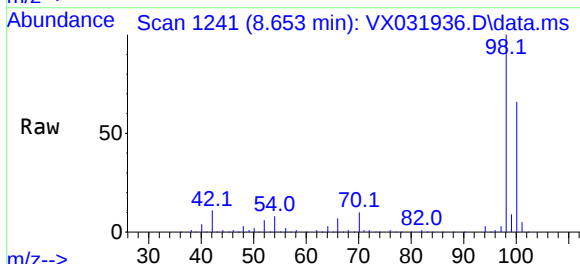
Instrument :
MSVOA_X
ClientSampleId :
MW-129

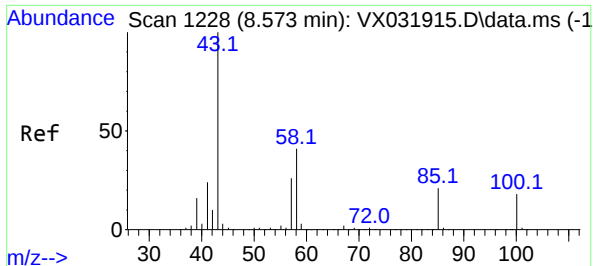
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 72.7 10.6 15.8#



#50
Toluene-d8
Concen: 50.309 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 98 Resp: 184848
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.646 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX031936.D

Acq: 06 Oct 2022 22:24

Instrument :

MSVOA_X

ClientSampleId :

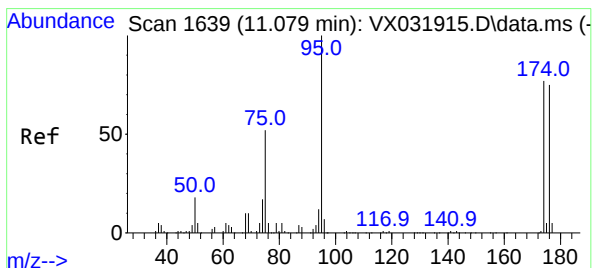
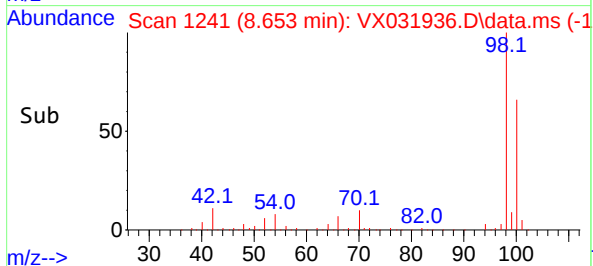
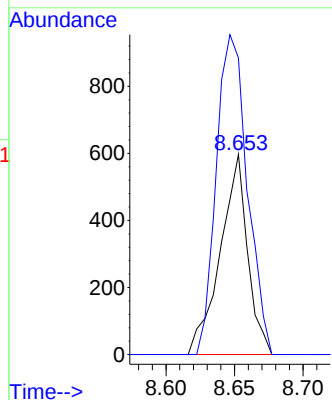
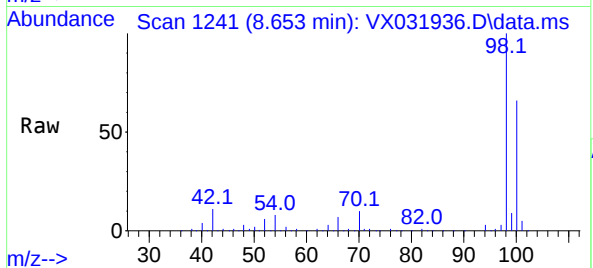
MW-129

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

58 181.3 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 48.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031936.D

Acq: 06 Oct 2022 22:24

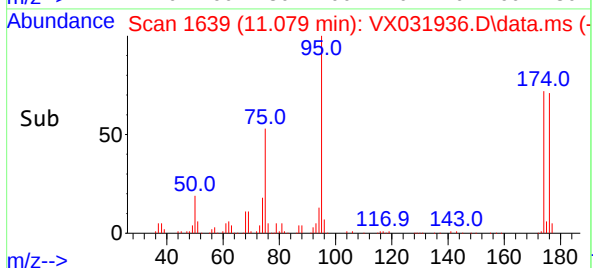
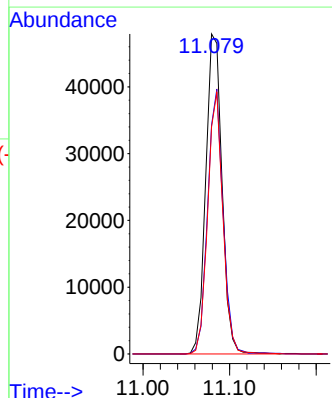
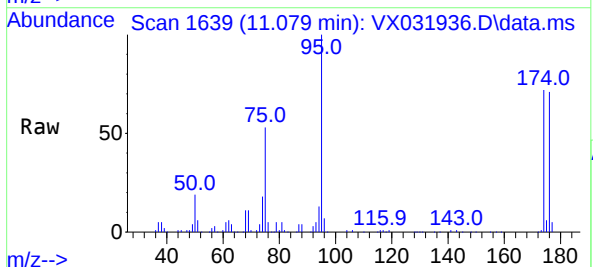
Tgt Ion: 95 Resp: 62420

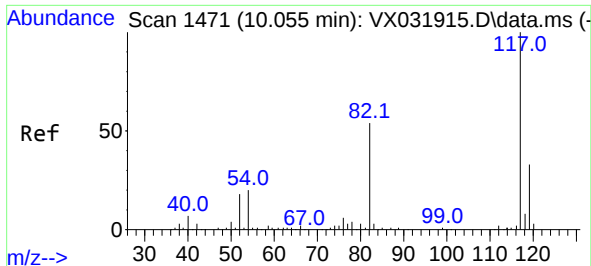
Ion Ratio Lower Upper

95 100

174 78.3 0.0 153.2

176 76.5 0.0 144.0

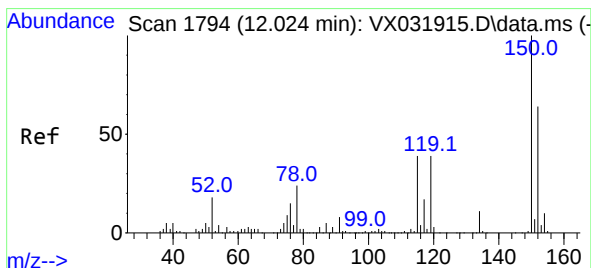
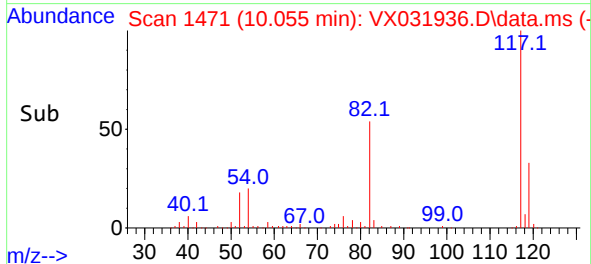
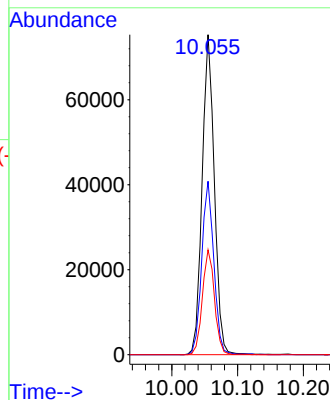
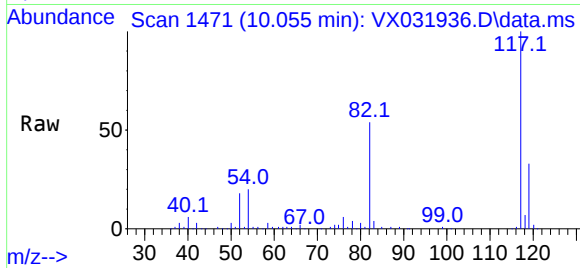




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

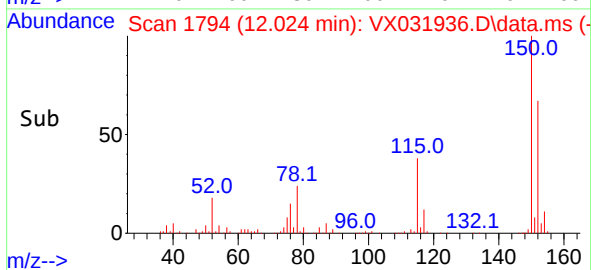
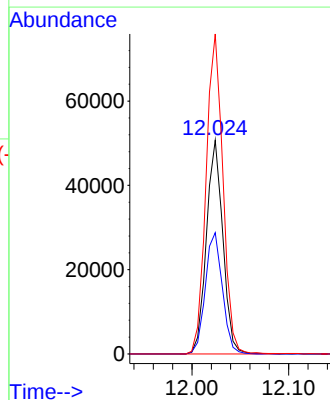
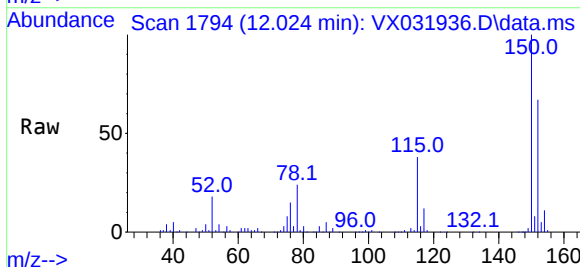
Instrument :
MSVOA_X
ClientSampleId :
MW-129

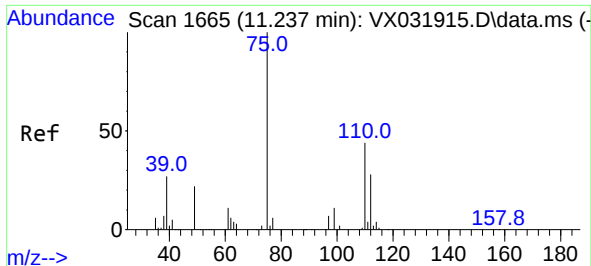
Tgt Ion:117 Resp: 97139
Ion Ratio Lower Upper
117 100
82 54.2 46.8 70.2
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion:152 Resp: 60170
Ion Ratio Lower Upper
152 100
115 58.8 43.4 130.1
150 153.0 0.0 346.8

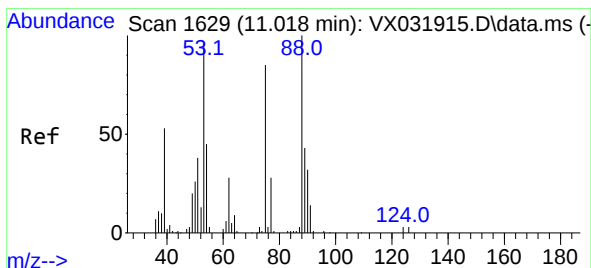
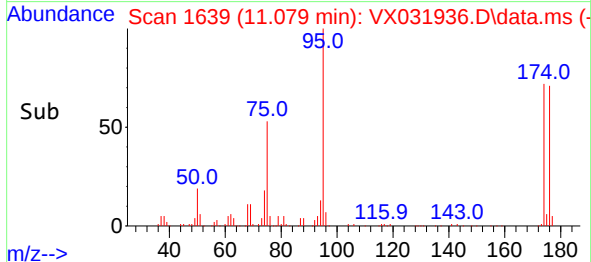
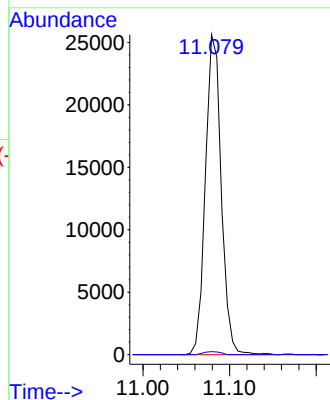
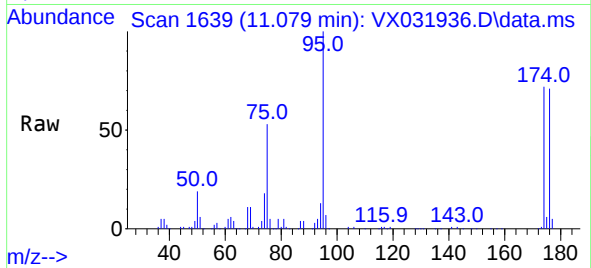




#76
1,2,3-Trichloropropane
Concen: 26.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Instrument :
MSVOA_X
ClientSampleId :
MW-129

Tgt Ion: 75 Resp: 32543
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 75 Resp: 32543
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

