

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031972.D
 Acq On : 07 Oct 2022 19:04
 Operator : JC/MD
 Sample : N4883-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137

Quant Time: Oct 08 05:16:23 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)

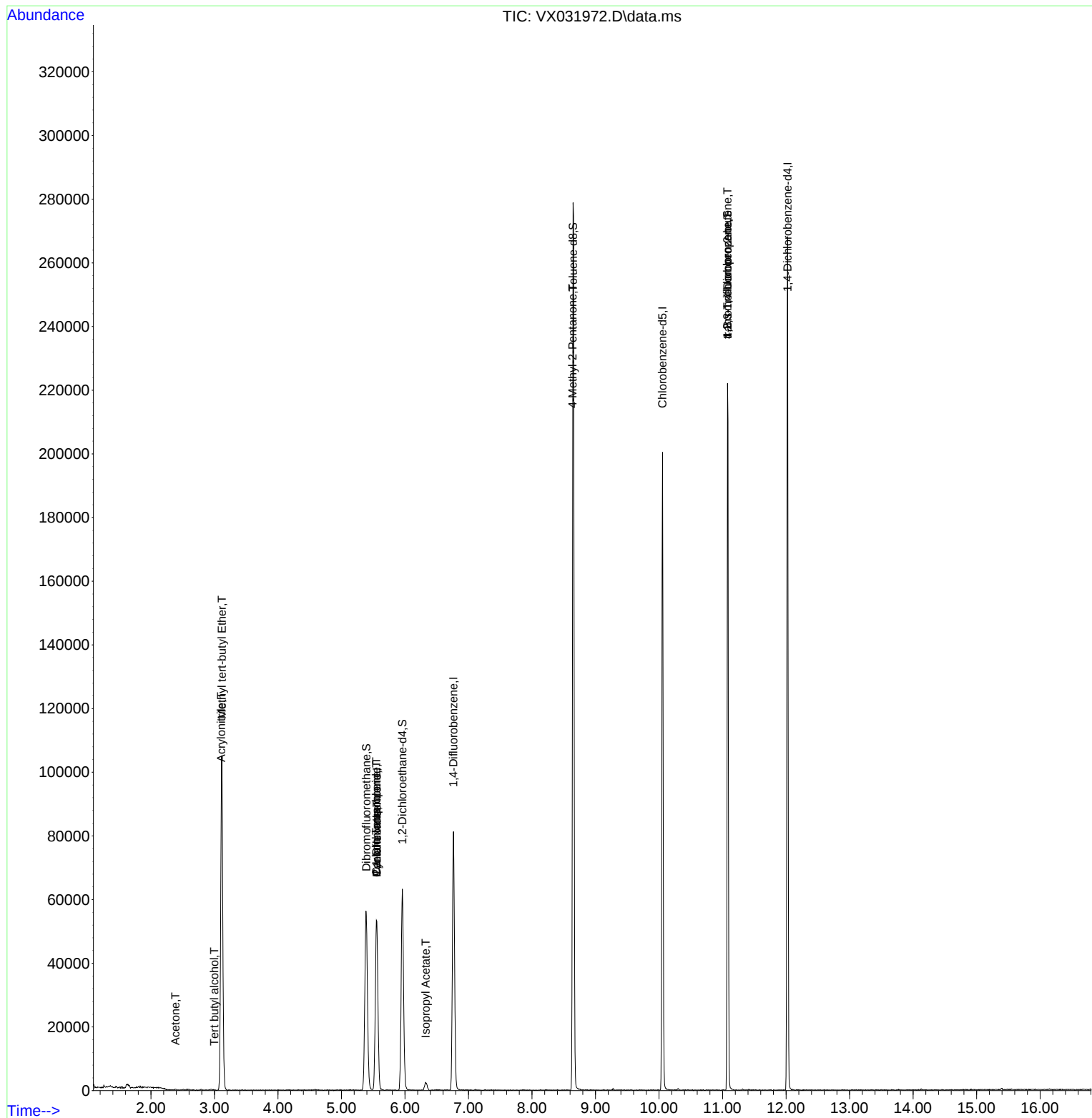
Internal Standards						
1) Pentafluorobenzene	5.556	168	51526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57238	53.789	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.580%	
35) Dibromofluoromethane	5.391	113	48387	51.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	8.647	98	170296	50.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.079	95	57125	47.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	163	Below Cal	#	77
11) Tert butyl alcohol	2.995	59	219	1.654	ug/l #	73
15) Acrylonitrile	3.105	53	1612	3.819	ug/l #	22
16) Acetone	2.386	43	413	1.142	ug/l #	45
19) Methyl tert-butyl Ether	3.117	73	114134	43.336	ug/l	95
31) Cyclohexane	5.556	56	1123	0.883	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	3976	3.177	ug/l #	48
38) Carbon Tetrachloride	5.550	117	5301	4.143	ug/l #	13
43) Isopropyl Acetate	6.324	43	853	0.477	ug/l #	4
51) 4-Methyl-2-Pentanone	8.641	43	747	0.631	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29940	26.390	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29940	90.510	ug/l #	11

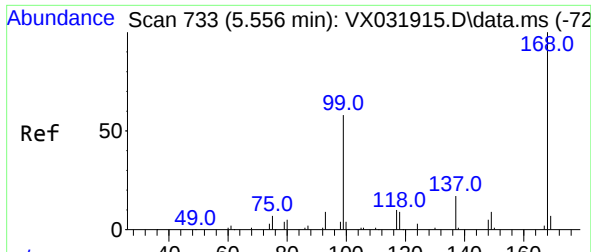
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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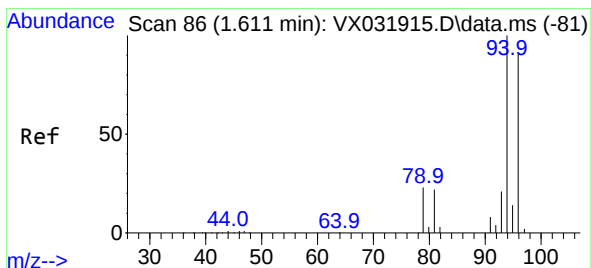
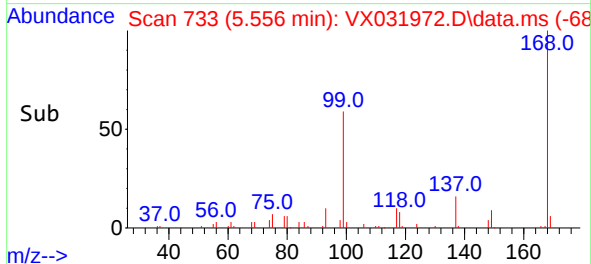
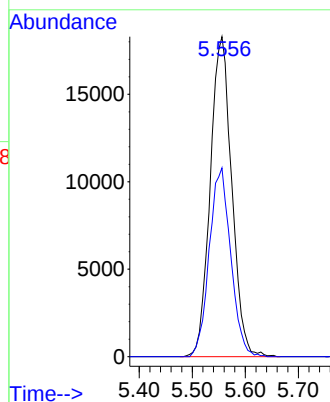
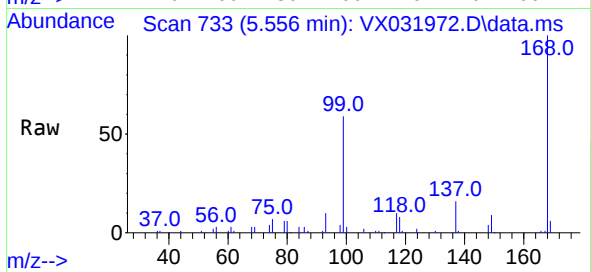




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

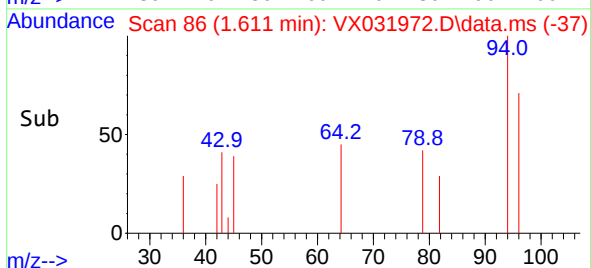
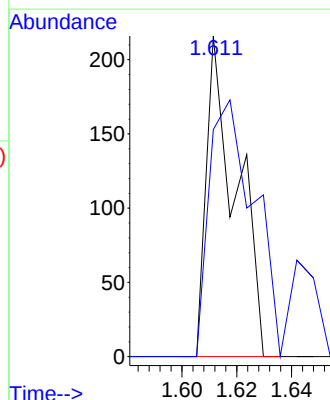
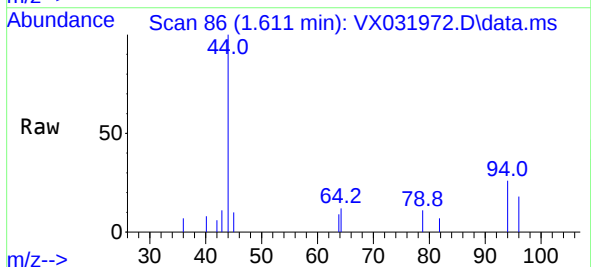
Instrument :
MSVOA_X
ClientSampleId :
MW-137

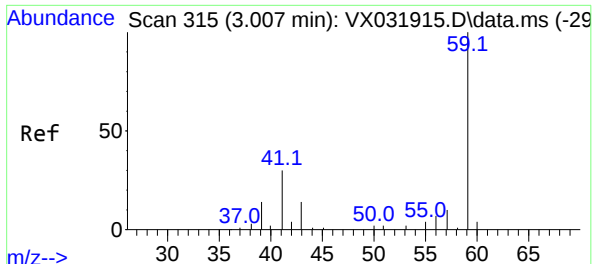
Tgt Ion:168 Resp: 51526
Ion Ratio Lower Upper
168 100
99 59.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 70.8 74.4 111.6#





#11

Tert butyl alcohol

Concen: 1.654 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX031972.D

Acq: 07 Oct 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

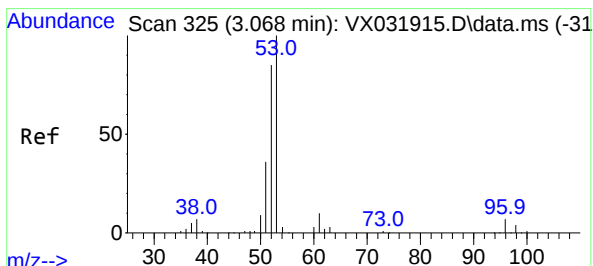
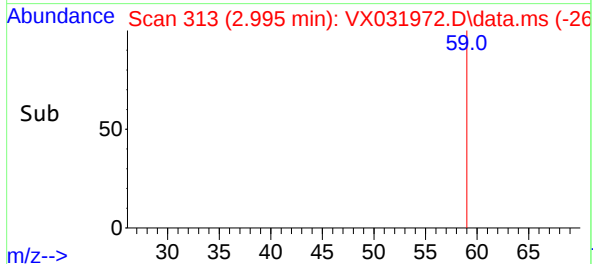
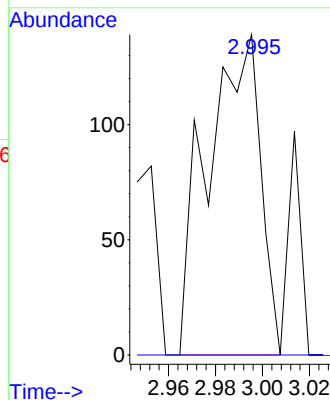
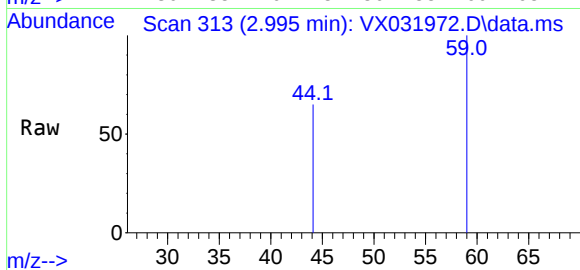
MW-137

Tgt Ion: 59 Resp: 219

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#15

Acrylonitrile

Concen: 3.819 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.037 min

Lab File: VX031972.D

Acq: 07 Oct 2022 19:04

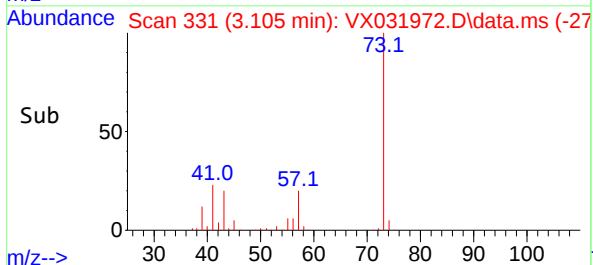
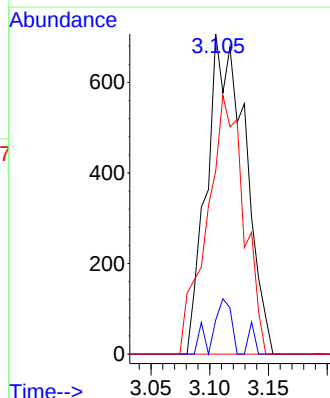
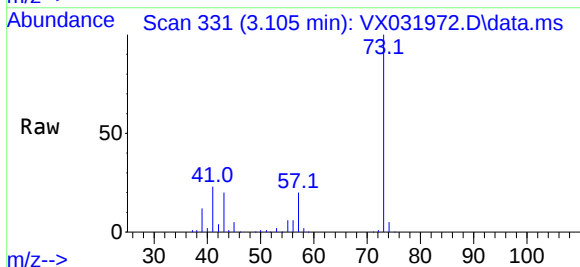
Tgt Ion: 53 Resp: 1612

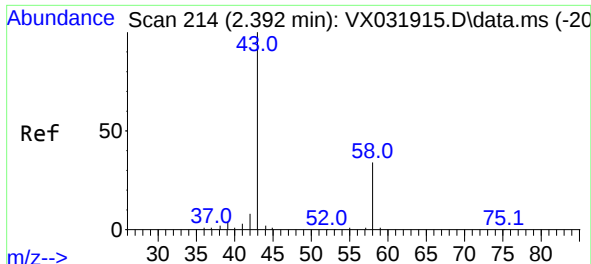
Ion Ratio Lower Upper

53 100

52 8.4 66.9 100.3#

51 77.4 30.0 45.0#

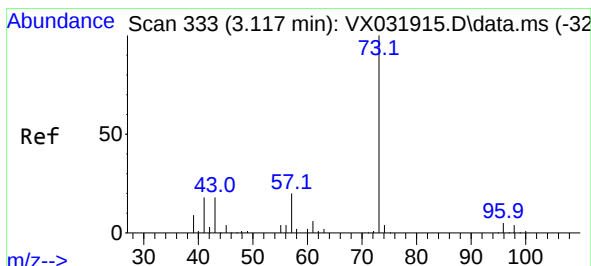
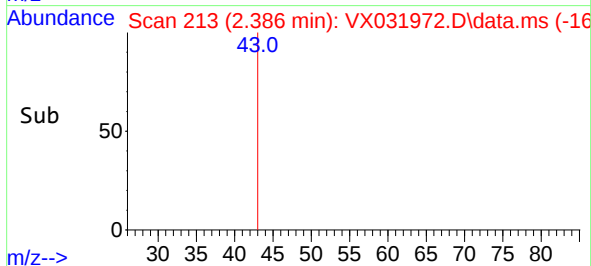
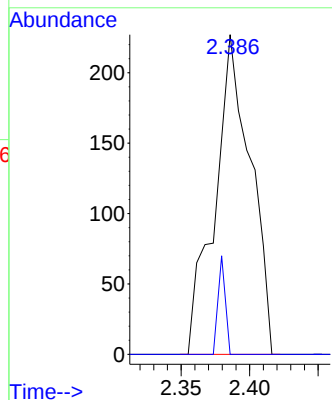
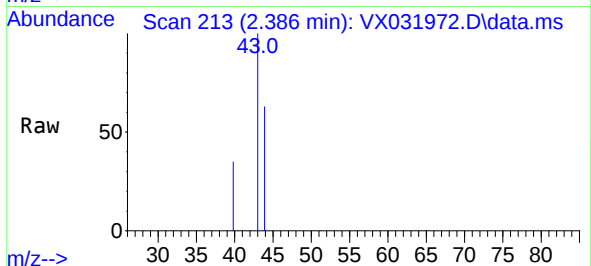




#16
Acetone
Concen: 1.142 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

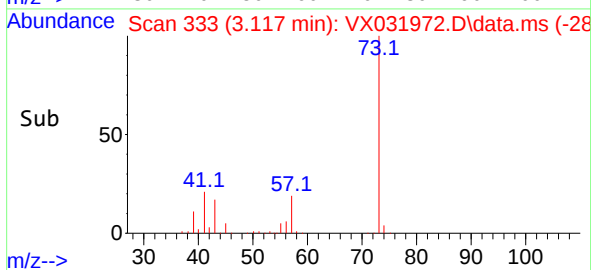
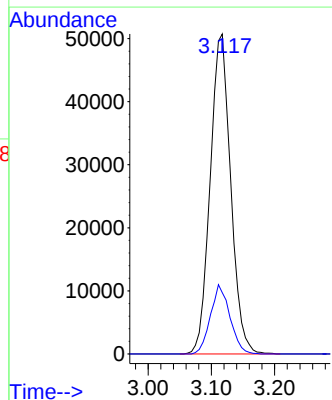
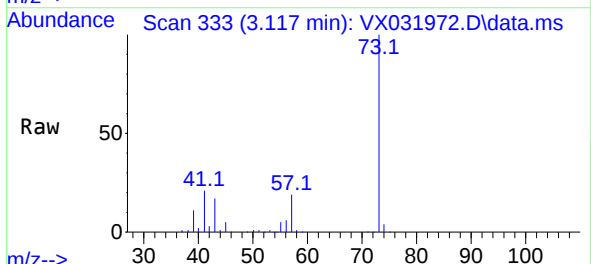
Instrument :
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ClientSampleId :
MW-137

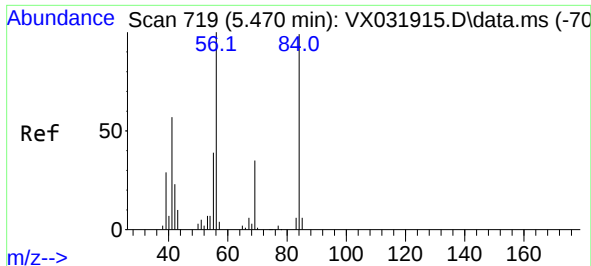
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 43.336 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 73 Resp: 114134
Ion Ratio Lower Upper
73 100
57 19.2 17.2 25.8

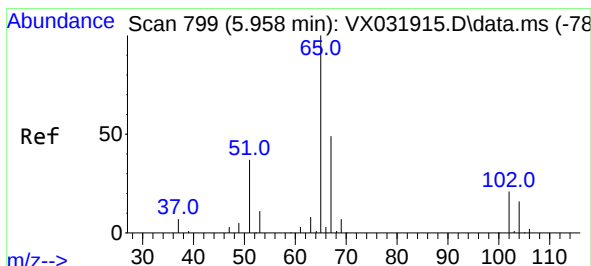
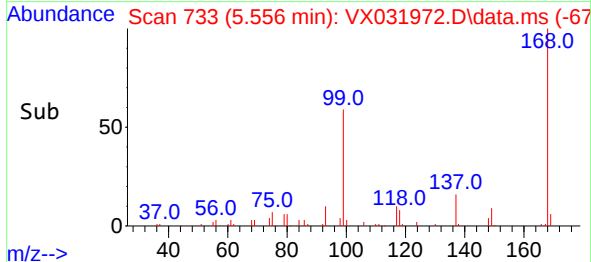
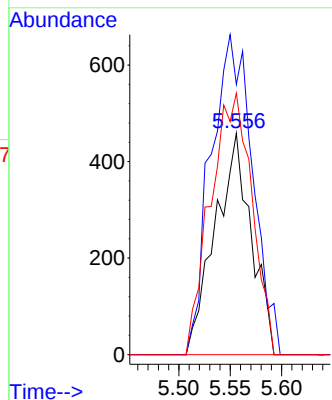
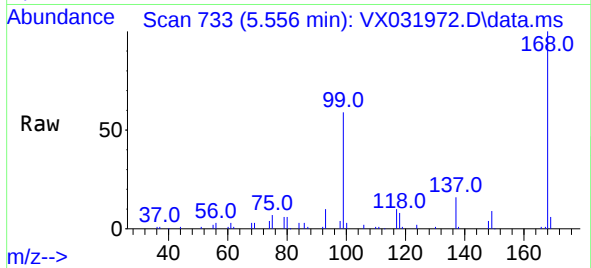




#31
Cyclohexane
Concen: 0.883 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

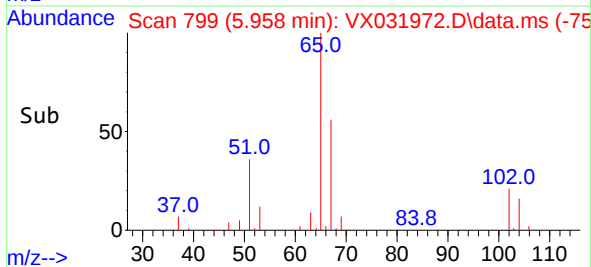
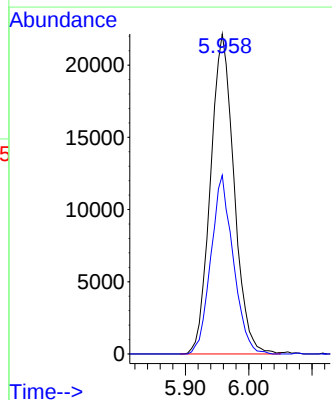
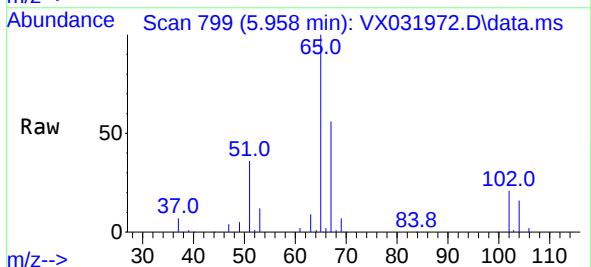
Instrument :
MSVOA_X
ClientSampleId :
MW-137

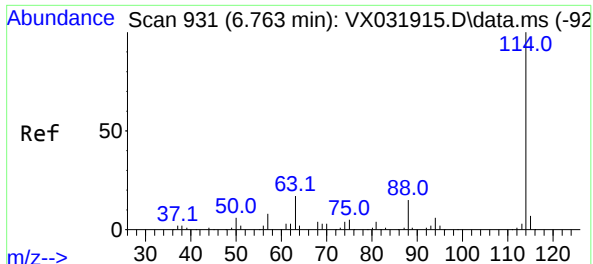
Tgt Ion: 56 Resp: 1123
Ion Ratio Lower Upper
56 100
69 122.0 25.1 37.7#
84 118.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.789 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 65 Resp: 57238
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4

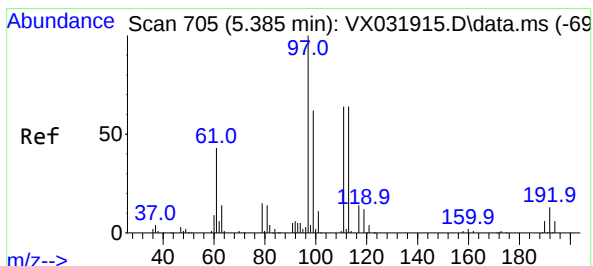
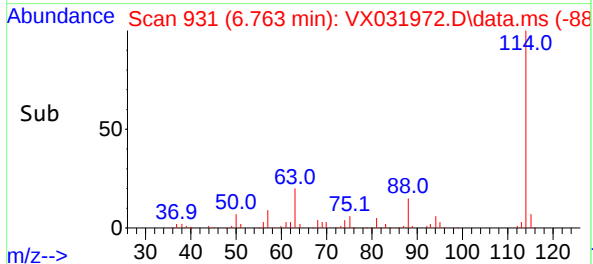
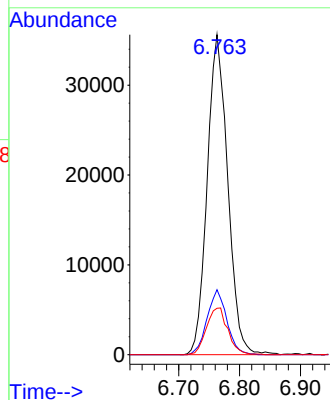
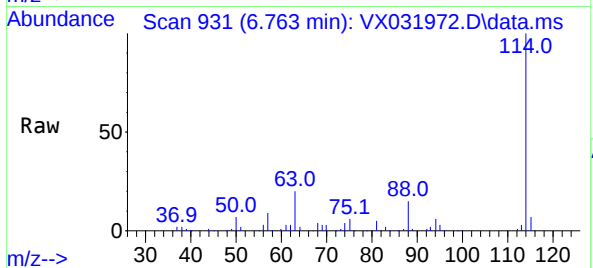




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

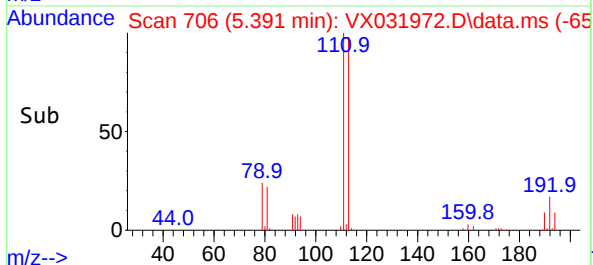
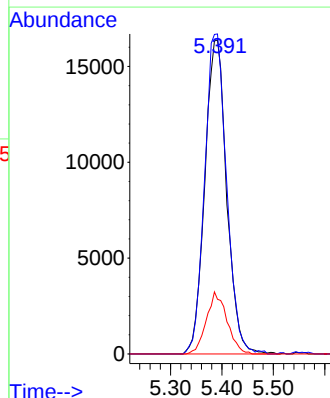
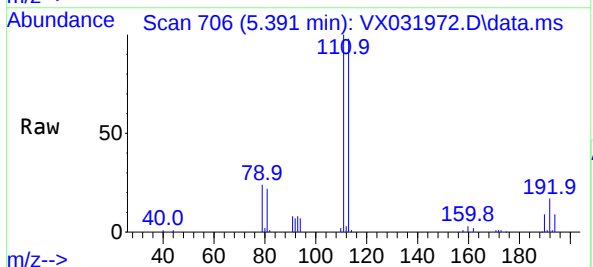
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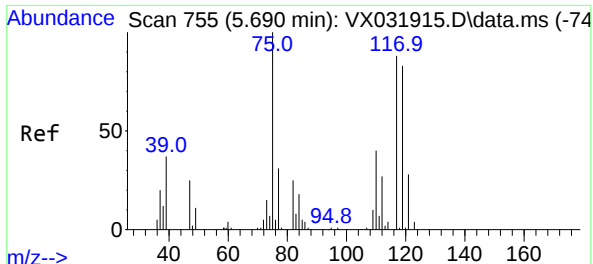
Tgt Ion:114 Resp: 83378
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 14.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.269 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion:113 Resp: 48387
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.6 14.1 21.1

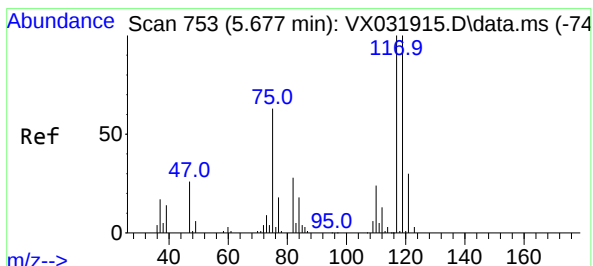
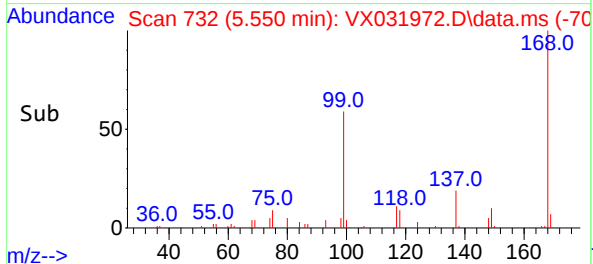
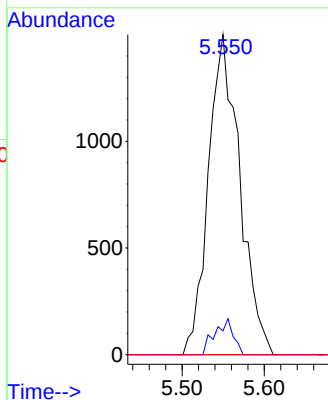
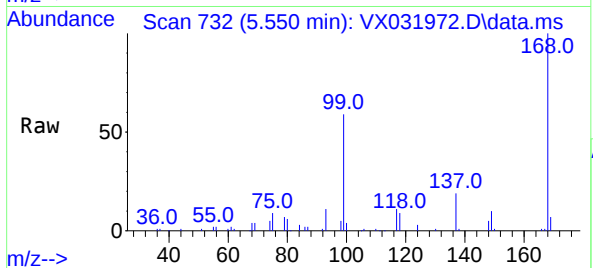




#36
1,1-Dichloropropene
Concen: 3.177 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

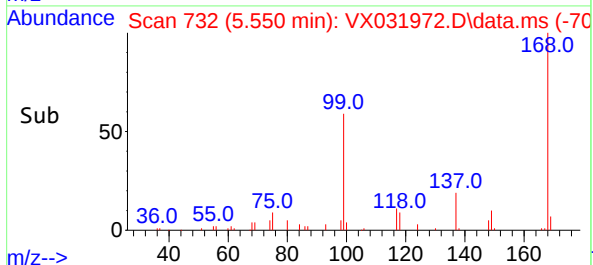
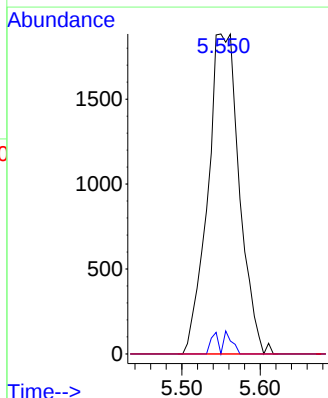
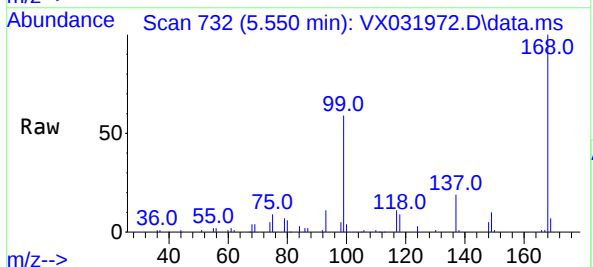
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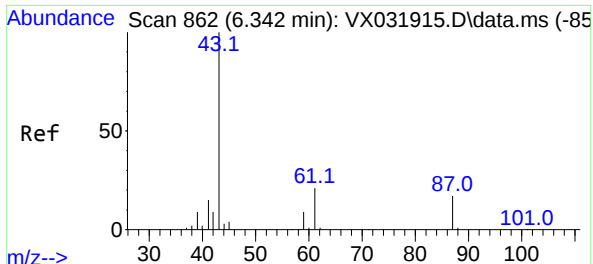
Tgt Ion: 75 Resp: 3976
Ion Ratio Lower Upper
75 100
110 6.6 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.143 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 117 Resp: 5301
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 25.3 37.9#

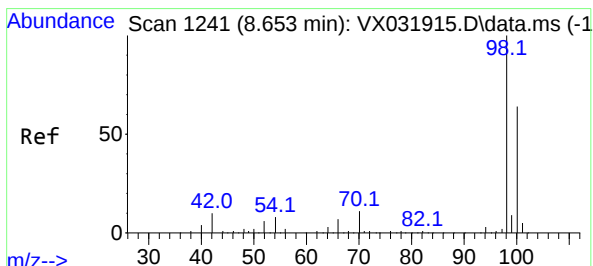
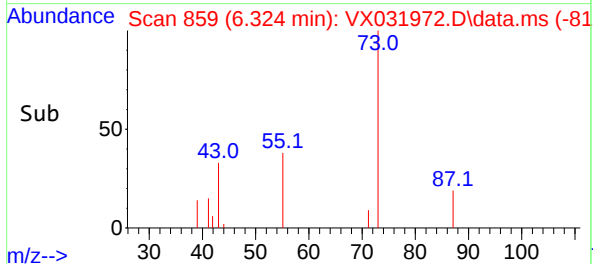
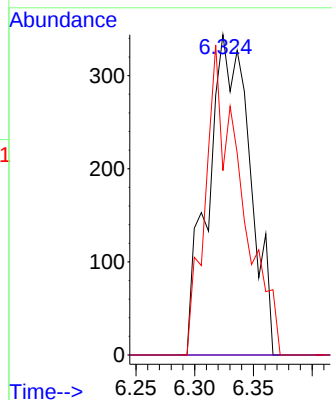
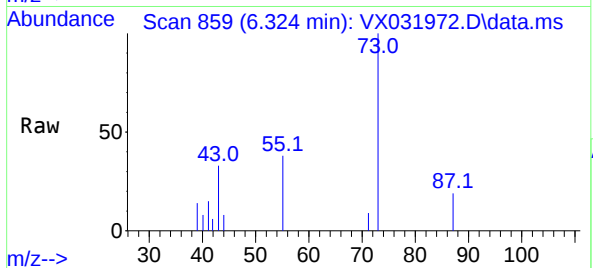




#43
Isopropyl Acetate
Concen: 0.477 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

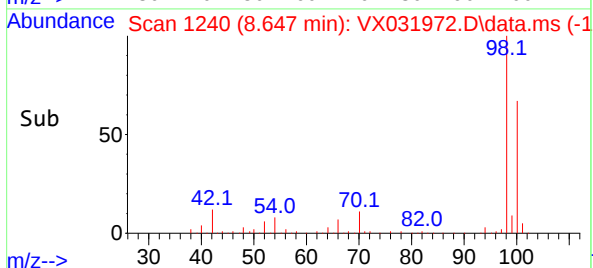
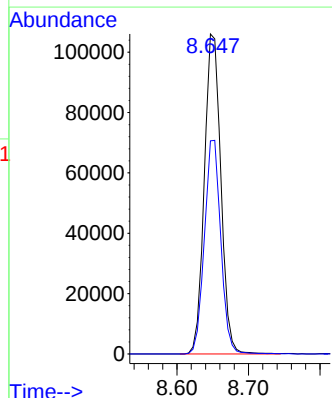
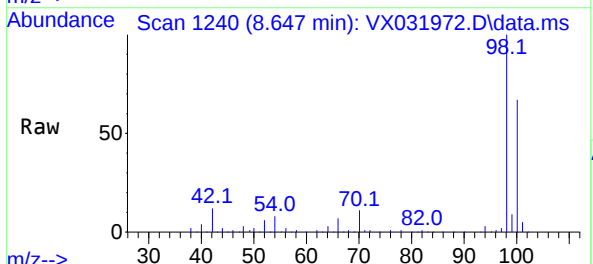
Instrument :
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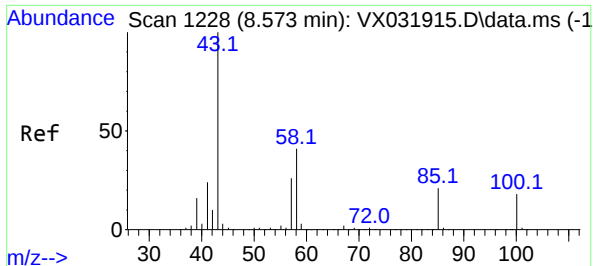
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 82.6 10.6 15.8#



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 98 Resp: 170296
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.631 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.068 min

Lab File: VX031972.D

Acq: 07 Oct 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

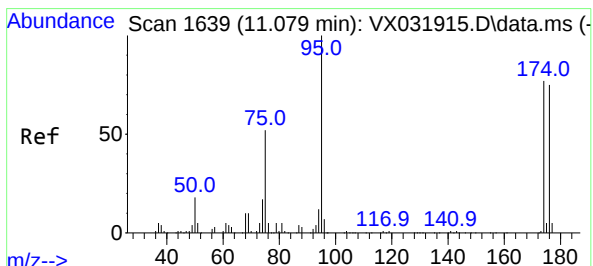
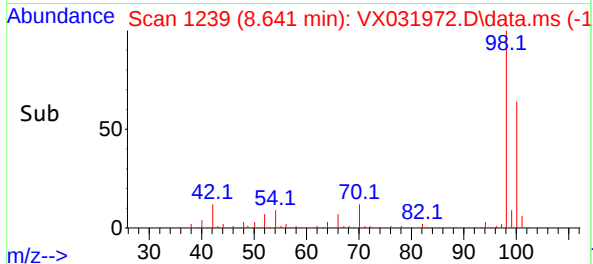
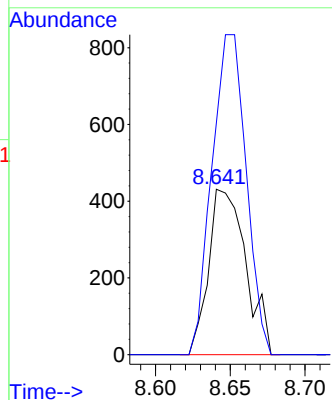
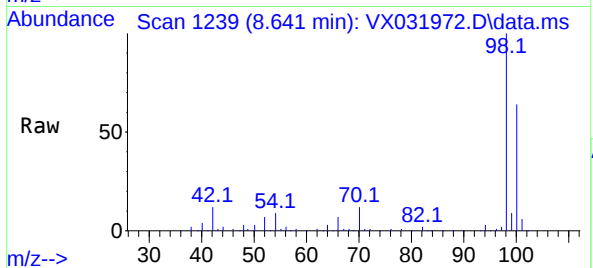
MW-137

Tgt Ion: 43 Resp: 747

Ion Ratio Lower Upper

43 100

58 178.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.580 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031972.D

Acq: 07 Oct 2022 19:04

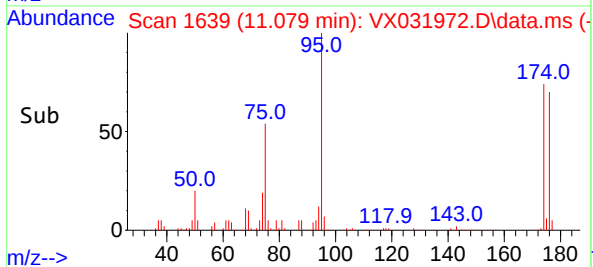
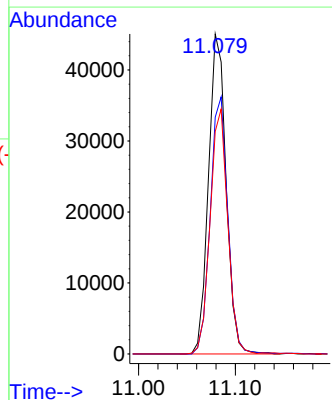
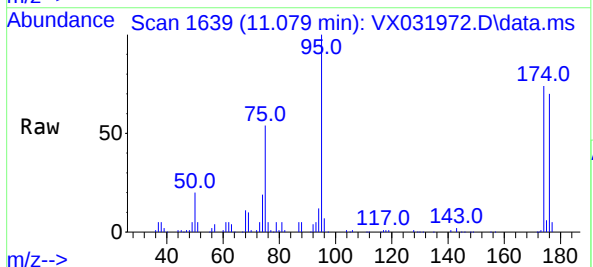
Tgt Ion: 95 Resp: 57125

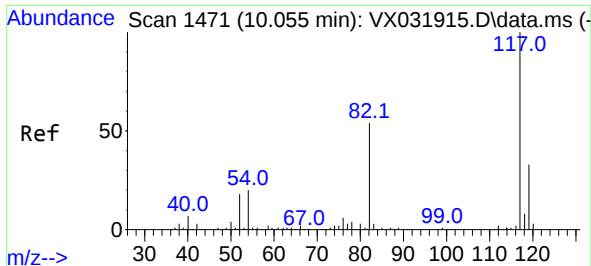
Ion Ratio Lower Upper

95 100

174 80.1 0.0 153.2

176 76.9 0.0 144.0

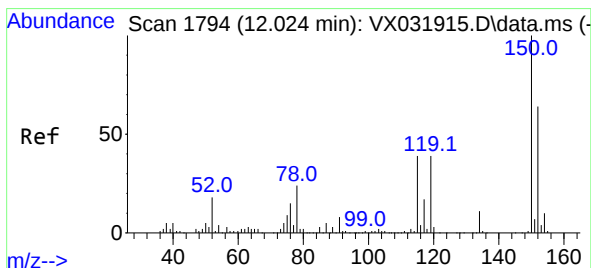
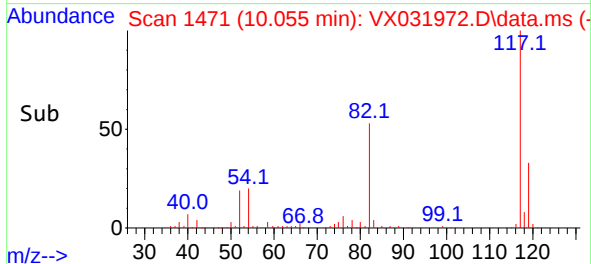
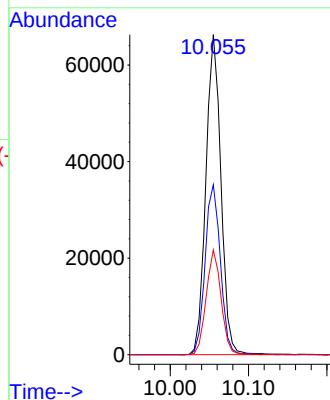
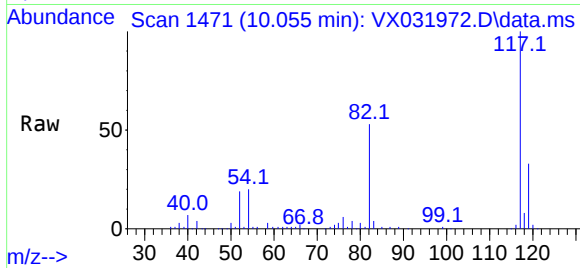




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

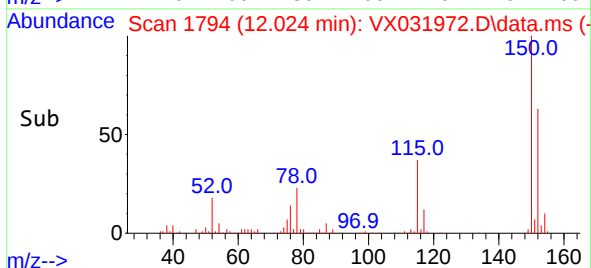
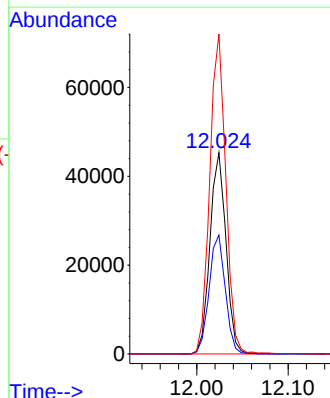
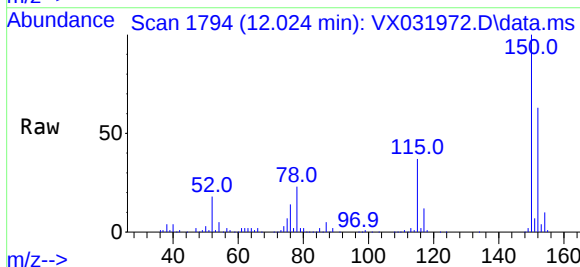
Instrument :
MSVOA_X
ClientSampleId :
MW-137

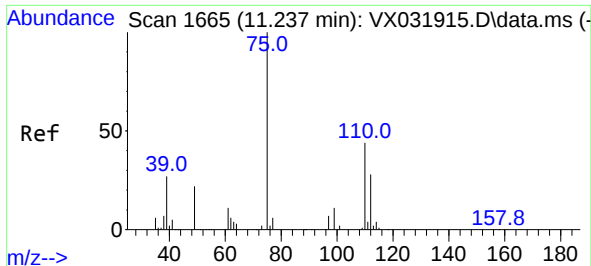
Tgt Ion:117 Resp: 88380
Ion Ratio Lower Upper
117 100
82 53.1 46.8 70.2
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion:152 Resp: 55355
Ion Ratio Lower Upper
152 100
115 59.3 43.4 130.1
150 158.4 0.0 346.8

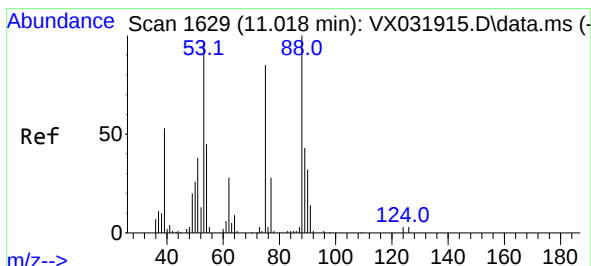
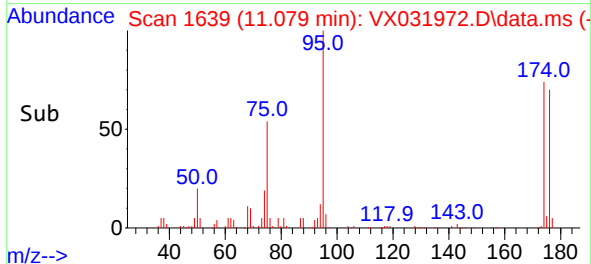
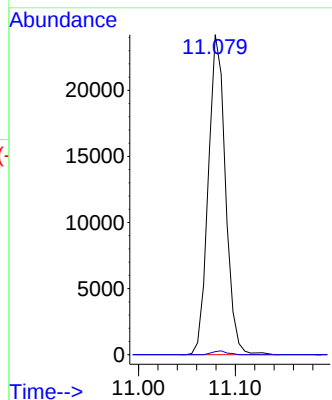
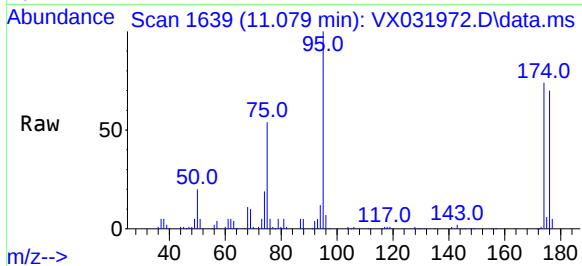




#76
1,2,3-Trichloropropane
Concen: 26.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-137

Tgt Ion: 75 Resp: 29940
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 75 Resp: 29940
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

