

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032040.D
 Acq On : 11 Oct 2022 16:32
 Operator : JC/MD
 Sample : N4937-12 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118D

Quant Time: Oct 12 05:14:18 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)

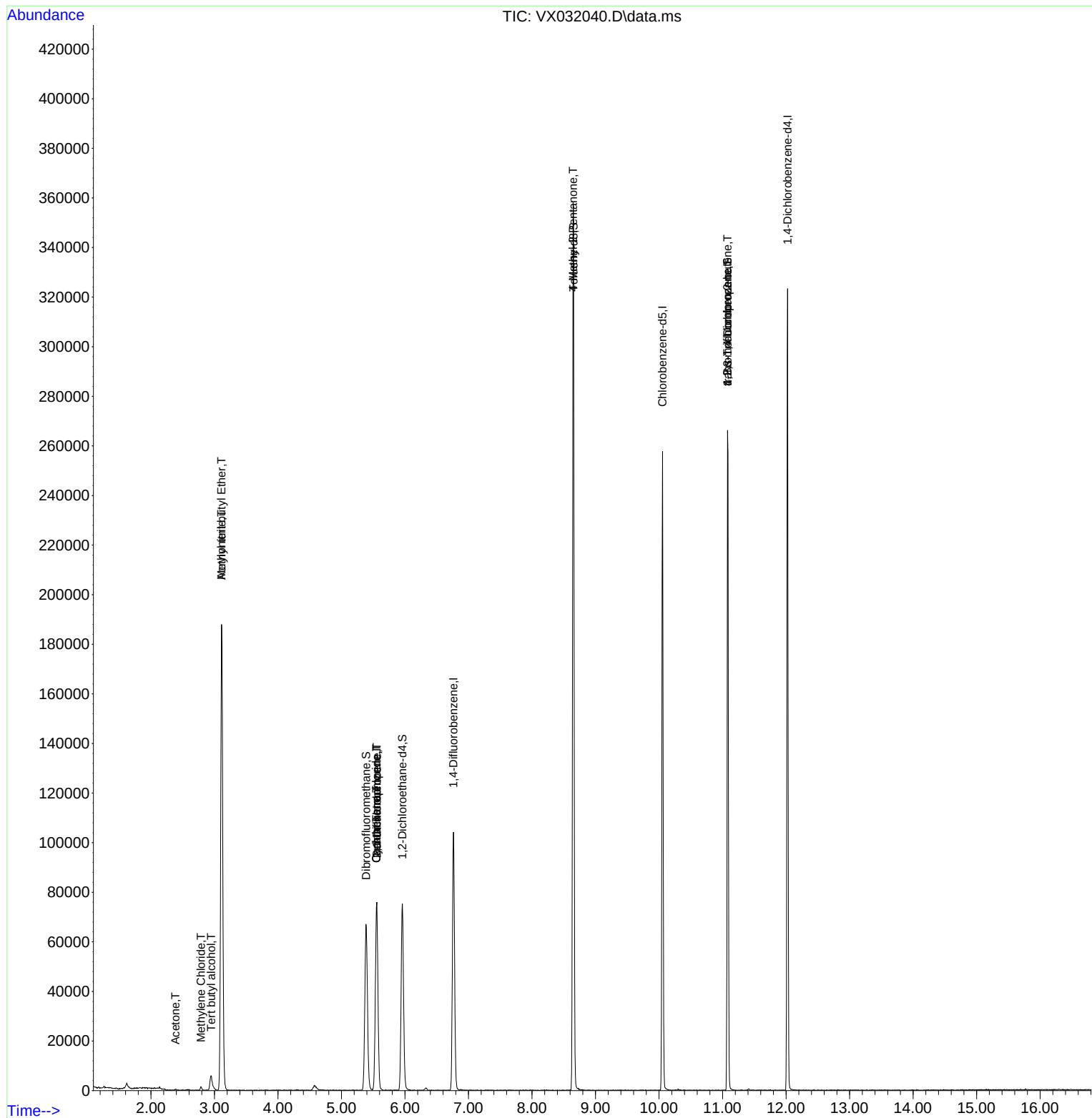
Internal Standards						
1) Pentafluorobenzene	5.556	168	69652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70404	48.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.880%		
35) Dibromofluoromethane	5.385	113	57330	48.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.200%		
50) Toluene-d8	8.653	98	210315	49.546	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	68000	45.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.620%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	352	Below Cal	#	76
11) Tert butyl alcohol	2.947	59	5076	28.362	ug/l #	73
15) Acrylonitrile	3.111	53	2526	4.428	ug/l #	25
16) Acetone	2.386	43	484	0.990	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	201131	56.494	ug/l	100
20) Methylene Chloride	2.788	84	634	0.494	ug/l #	82
31) Cyclohexane	5.550	56	1832	1.066	ug/l #	53
36) 1,1-Dichloropropene	5.556	75	5763	3.684	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7309	4.570	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	912	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37755	29.609	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37755	101.108	ug/l #	11

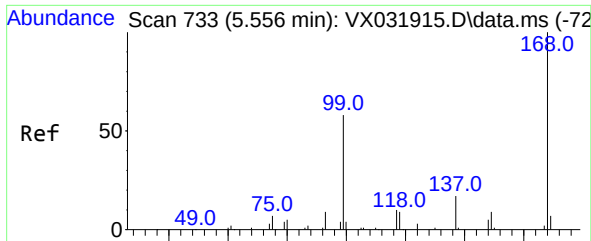
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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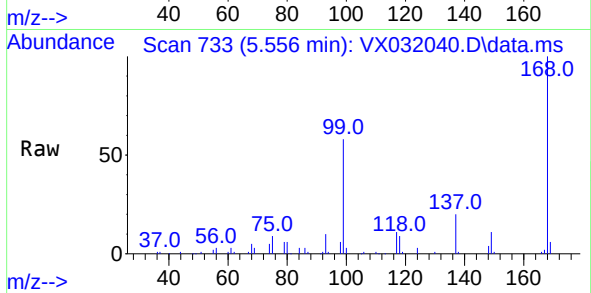
Quant Time: Oct 12 05:14:18 2022
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Quant Title : SW846 8260
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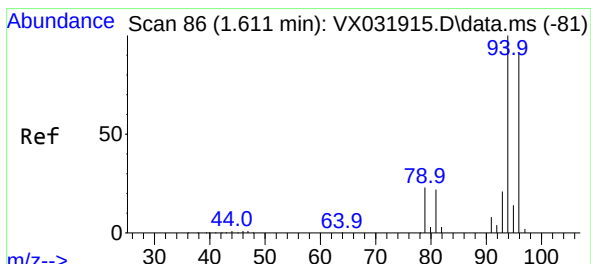
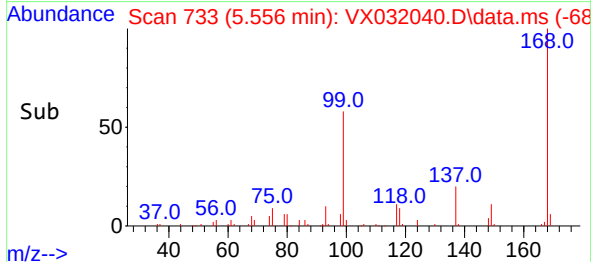
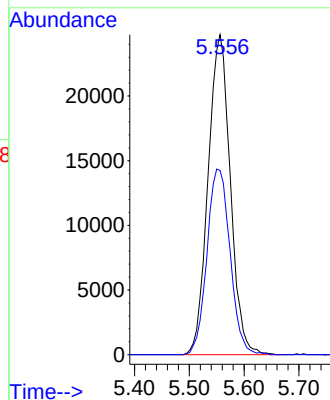


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-118D

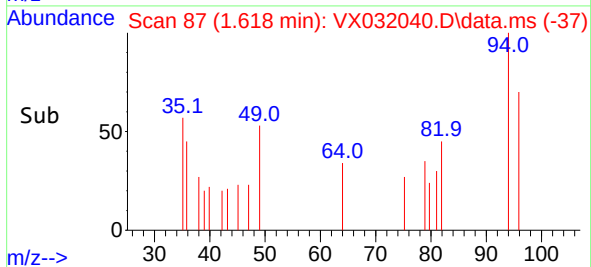
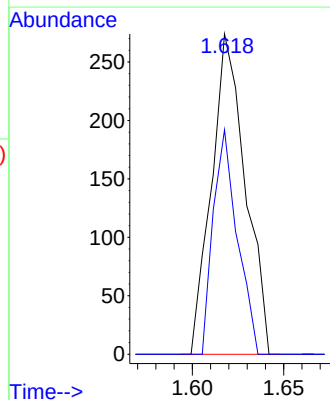
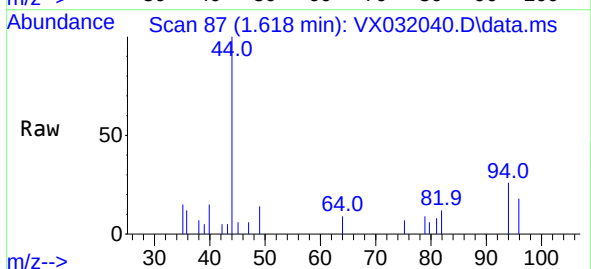


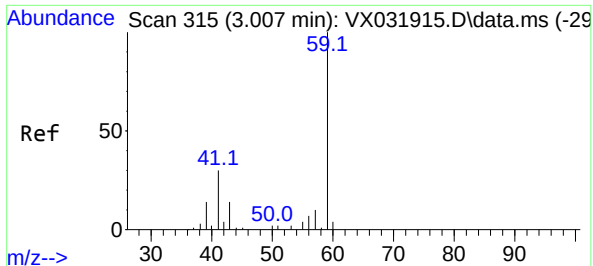
Tgt Ion:168 Resp: 69652
Ion Ratio Lower Upper
168 100
99 57.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 70.1 74.4 111.6#

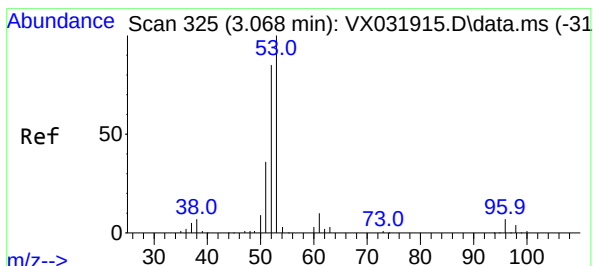
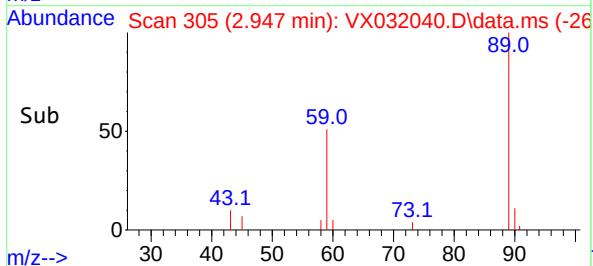
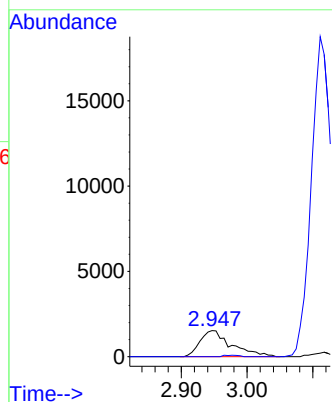
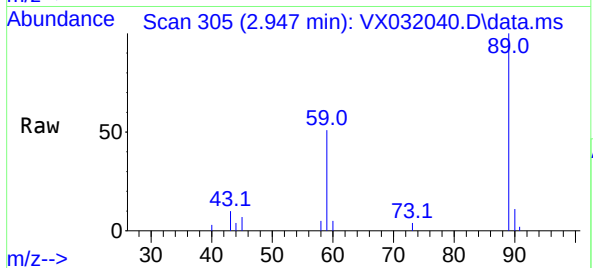




#11
Tert butyl alcohol
Concen: 28.362 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

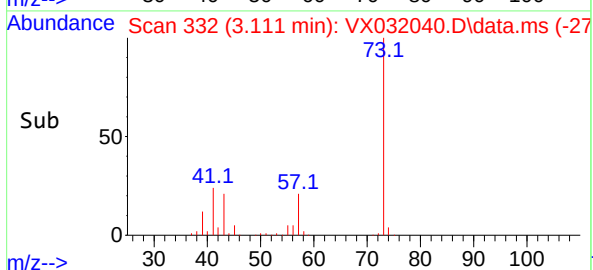
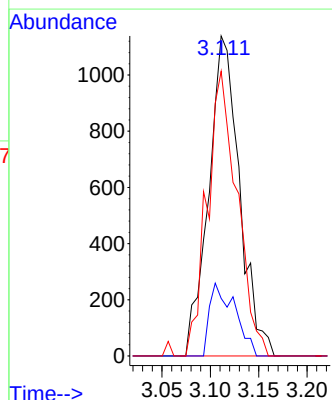
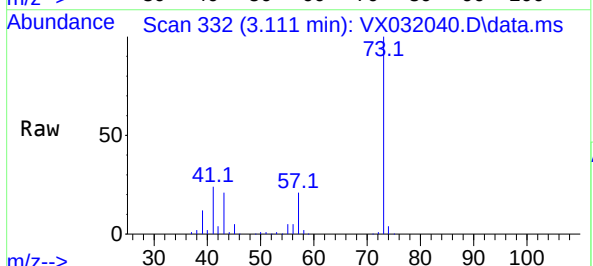
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

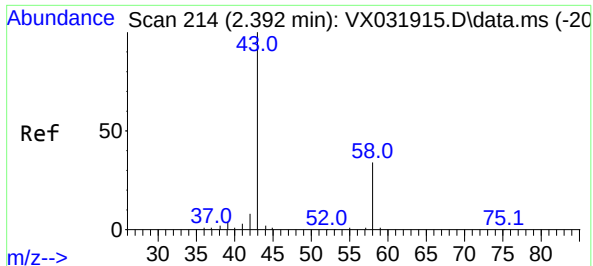
Tgt Ion: 59 Resp: 5076
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#15
Acrylonitrile
Concen: 4.428 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.043 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 53 Resp: 2526
Ion Ratio Lower Upper
53 100
52 18.6 66.9 100.3#
51 86.2 30.0 45.0#

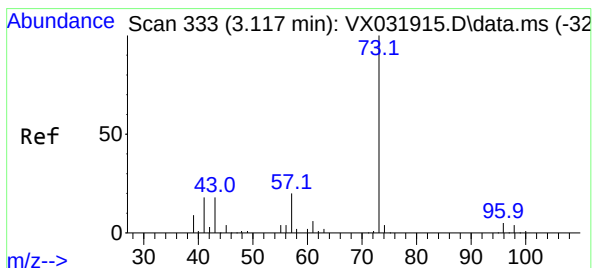
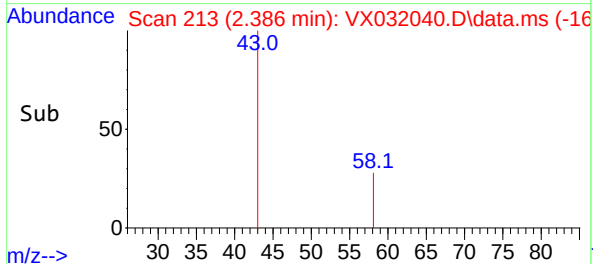
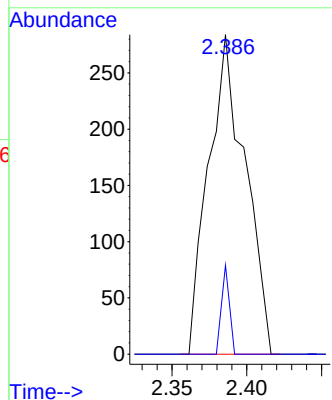
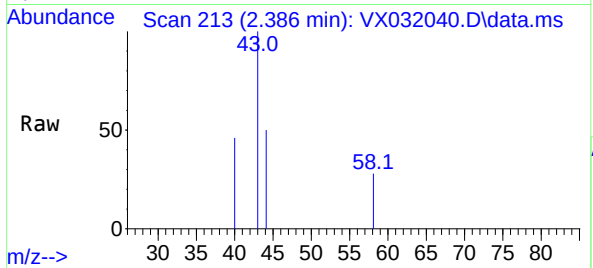




#16
Acetone
Concen: 0.990 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

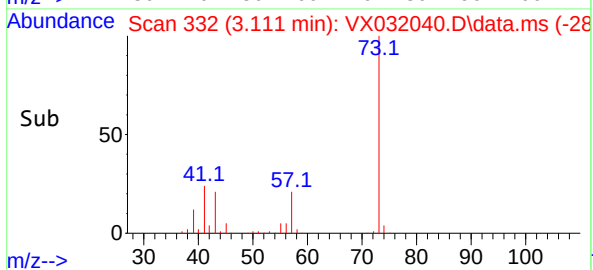
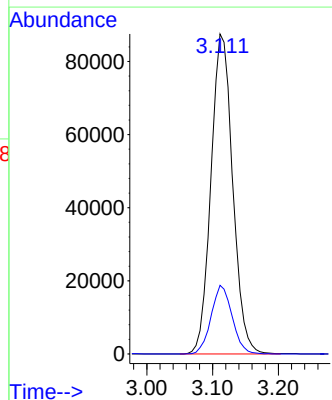
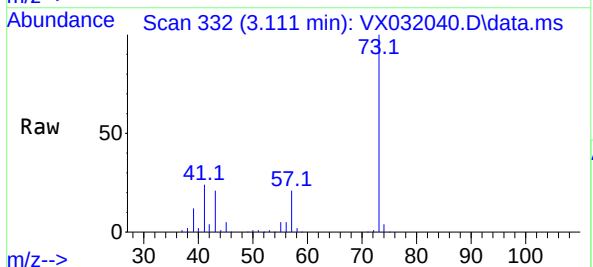
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

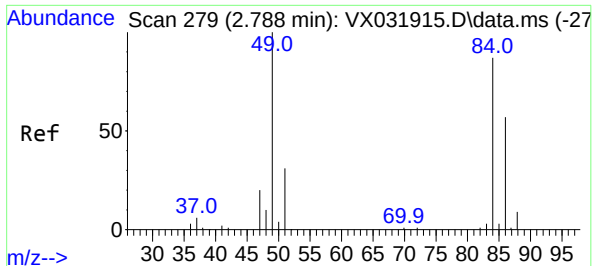
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
58 27.8 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 56.494 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 73 Resp: 201131
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8





#20

Methylene Chloride

Concen: 0.494 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032040.D

Acq: 11 Oct 2022 16:32

Instrument :

MSVOA_X

ClientSampleId :

MW-118D

Tgt Ion: 84 Resp: 634

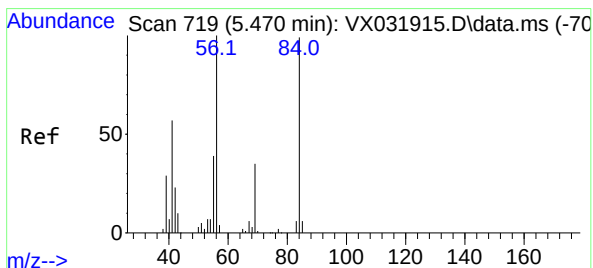
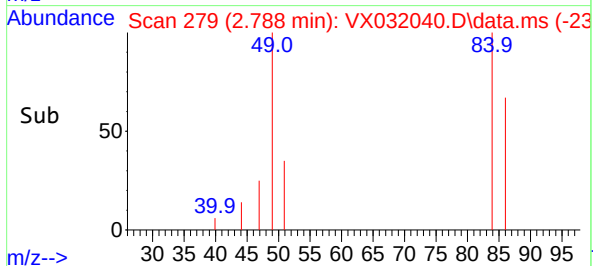
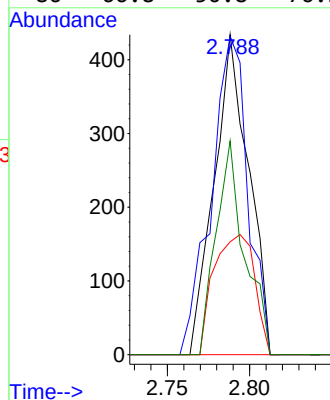
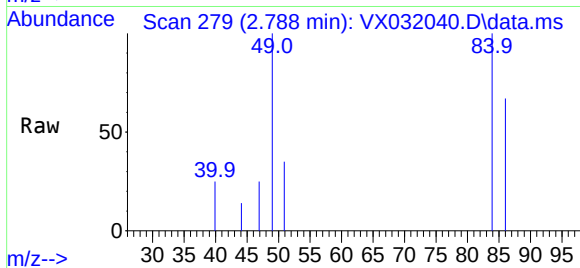
Ion Ratio Lower Upper

84 100

49 99.5 105.9 158.9#

51 35.3 32.2 48.2

86 66.8 50.8 76.2



#31

Cyclohexane

Concen: 1.066 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX032040.D

Acq: 11 Oct 2022 16:32

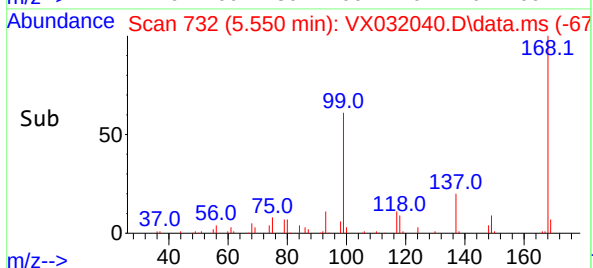
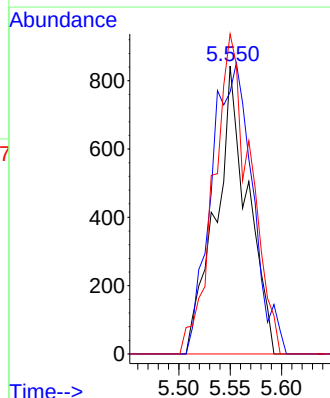
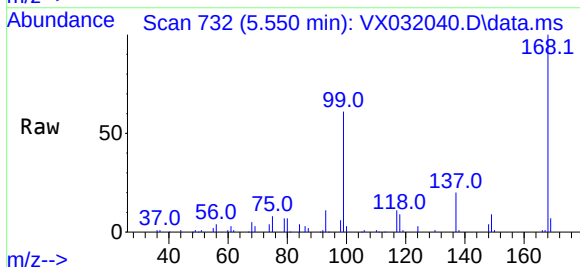
Tgt Ion: 56 Resp: 1832

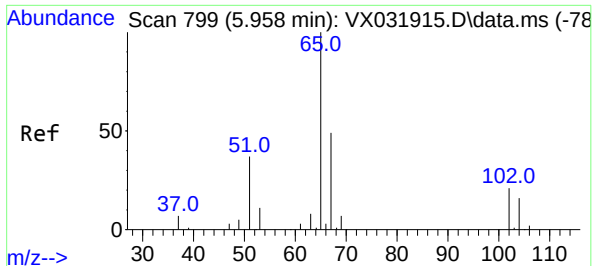
Ion Ratio Lower Upper

56 100

69 91.0 25.1 37.7#

84 111.2 70.2 105.4#

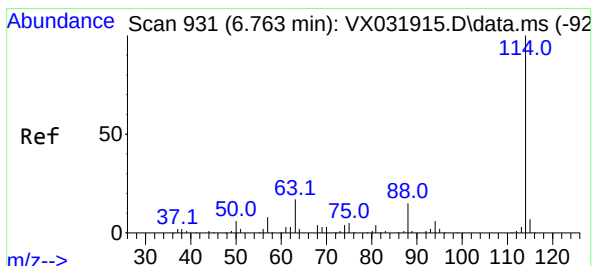
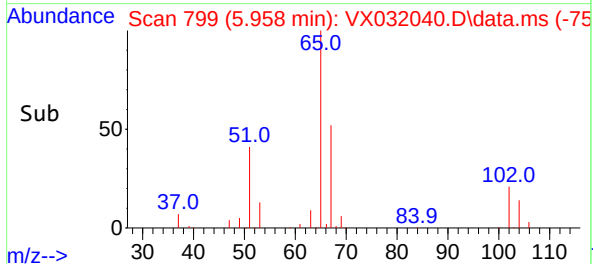
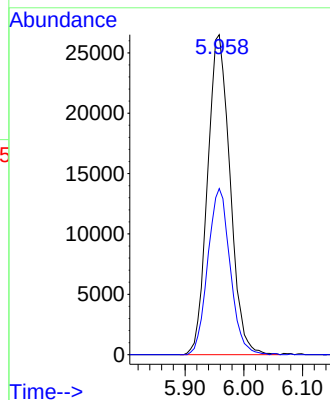
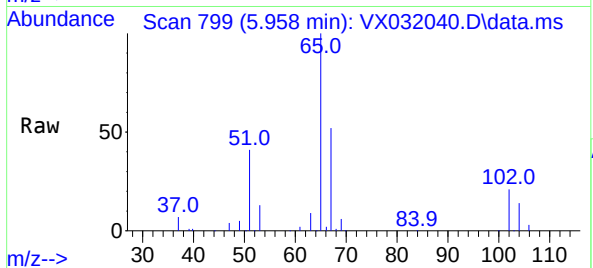




#33
 1,2-Dichloroethane-d4
 Concen: 48.944 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032040.D
 Acq: 11 Oct 2022 16:32

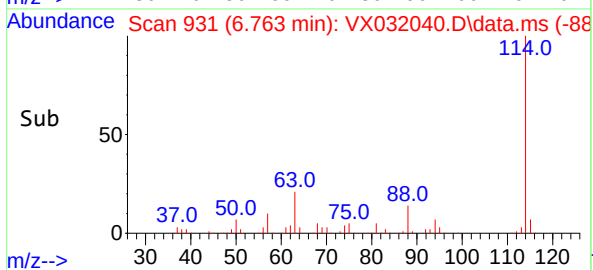
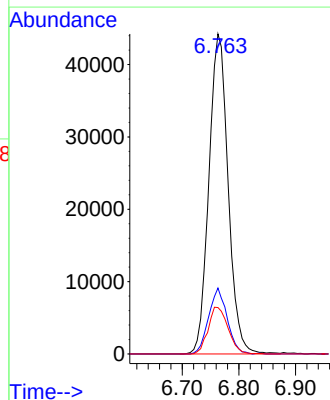
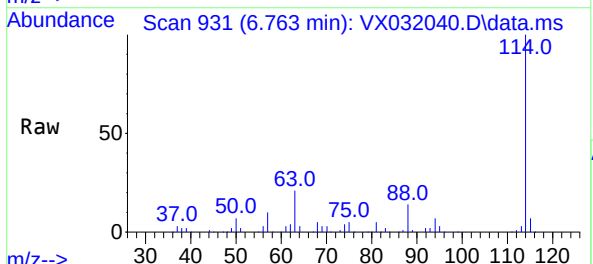
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118D

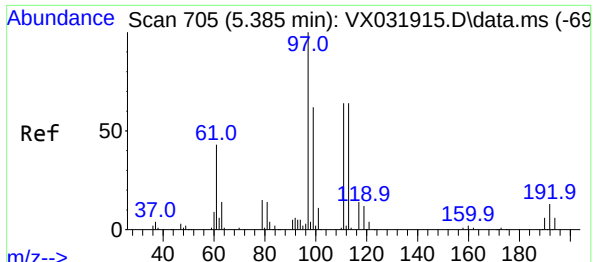
Tgt Ion: 65 Resp: 70404
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032040.D
 Acq: 11 Oct 2022 16:32

Tgt Ion: 114 Resp: 104216
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.599 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032040.D

Acq: 11 Oct 2022 16:32

Instrument :

MSVOA_X

ClientSampleId :

MW-118D

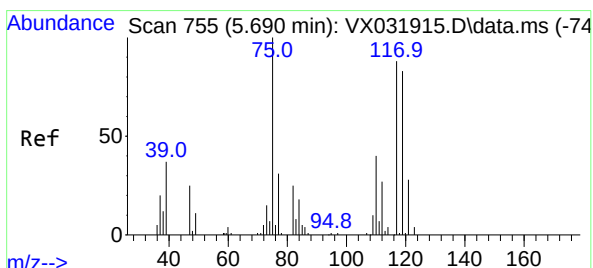
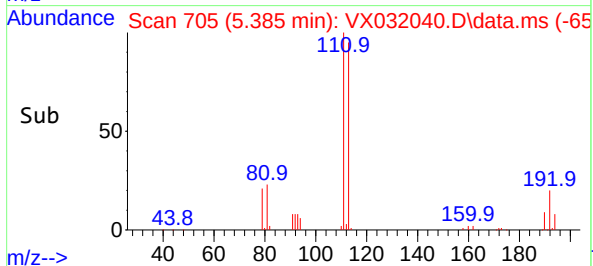
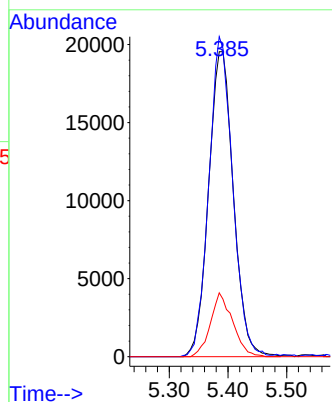
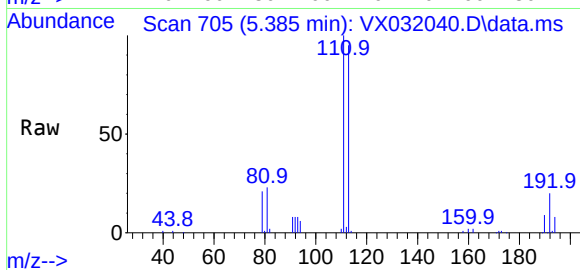
Tgt Ion:113 Resp: 57330

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

192 18.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.684 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX032040.D

Acq: 11 Oct 2022 16:32

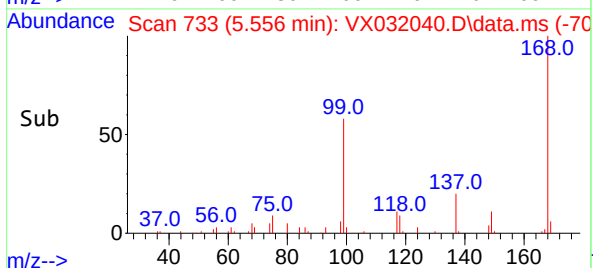
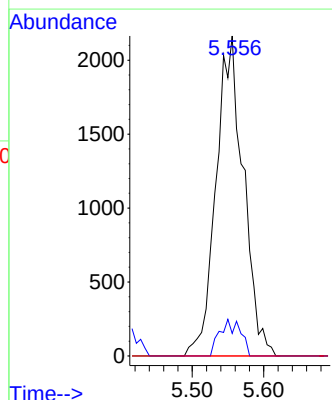
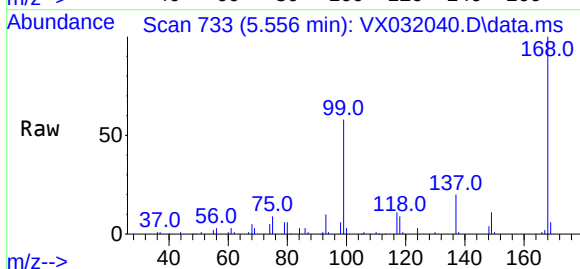
Tgt Ion: 75 Resp: 5763

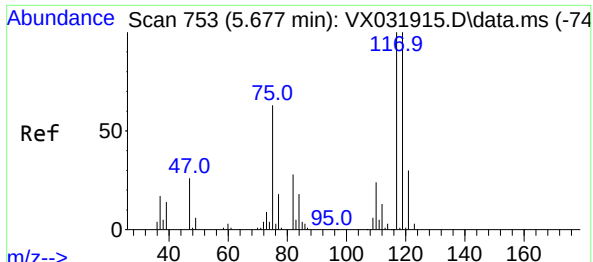
Ion Ratio Lower Upper

75 100

110 8.6 17.5 52.5#

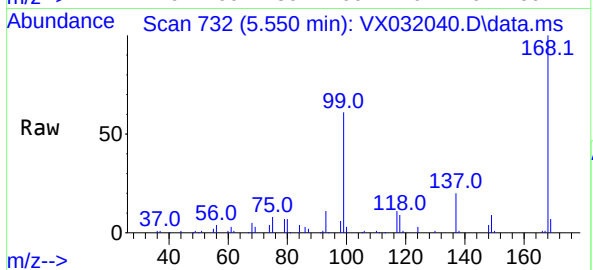
77 0.0 24.9 37.3#



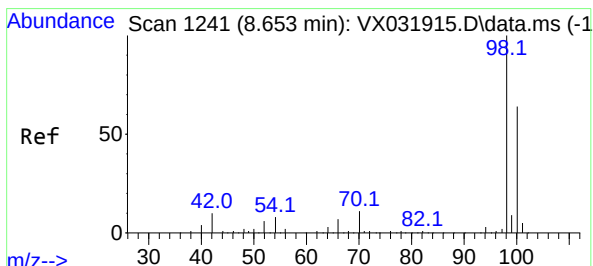
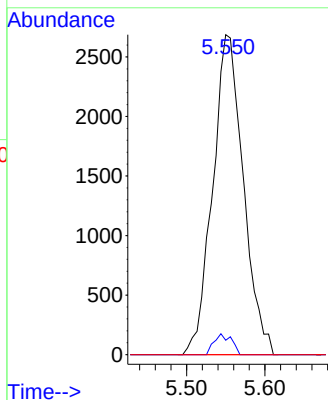
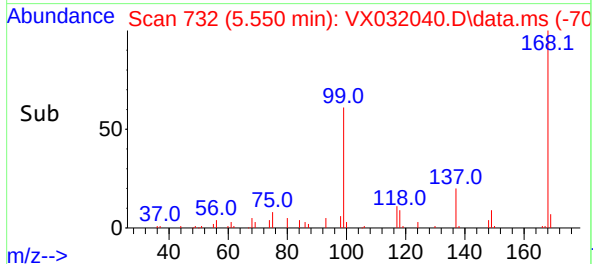


#38
Carbon Tetrachloride
Concen: 4.570 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-118D

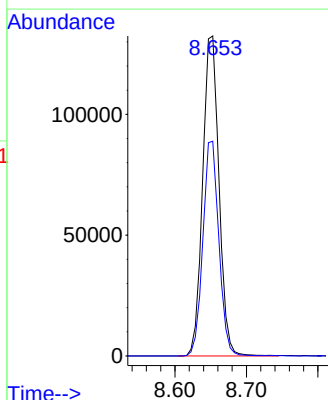
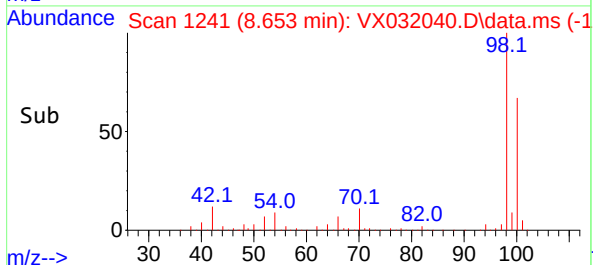
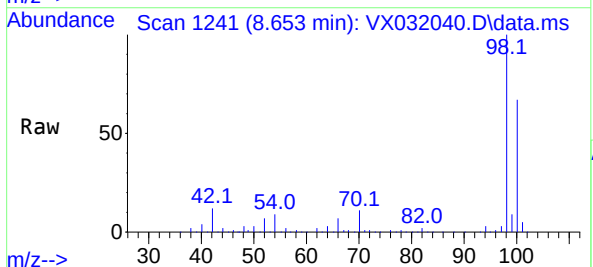


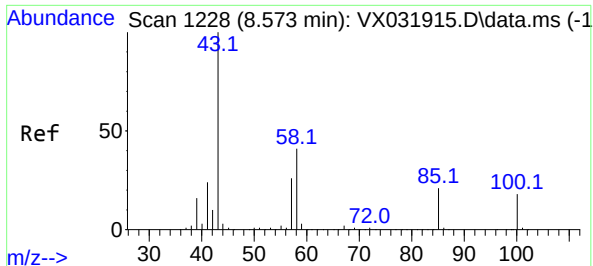
Tgt Ion:117 Resp: 7309
Ion Ratio Lower Upper
117 100
119 4.5 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 98 Resp: 210315
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

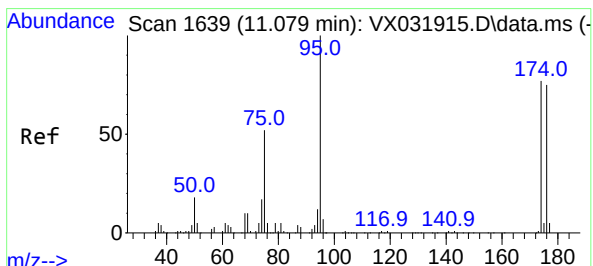
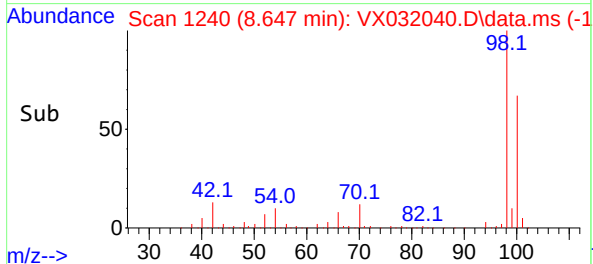
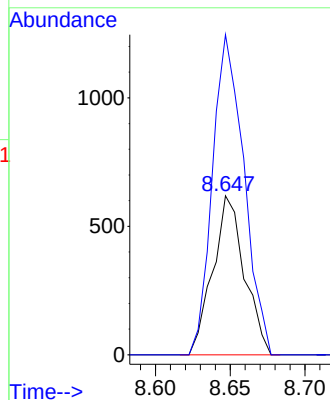
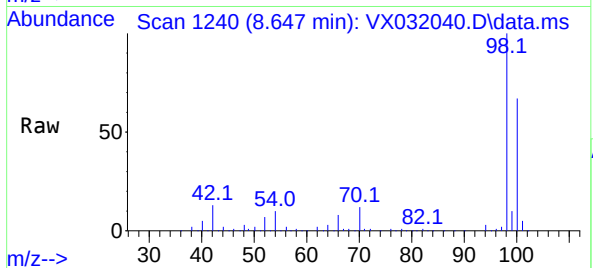




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

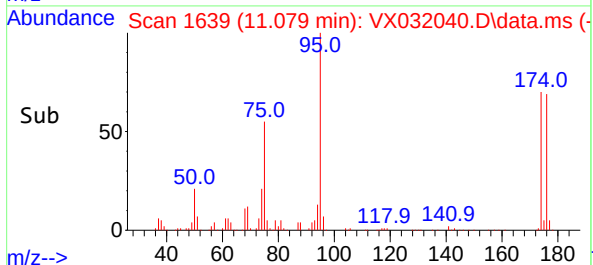
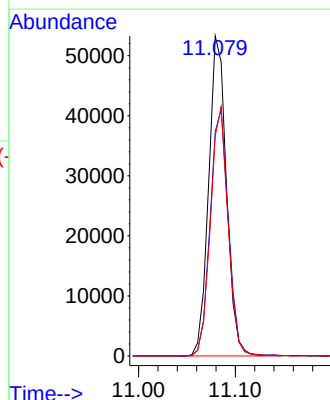
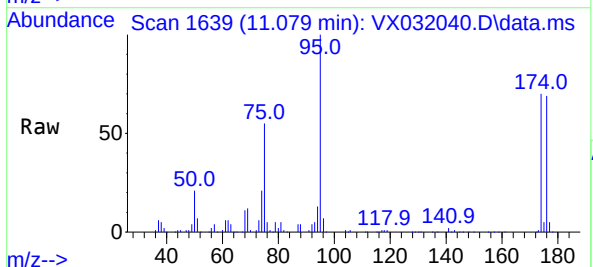
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

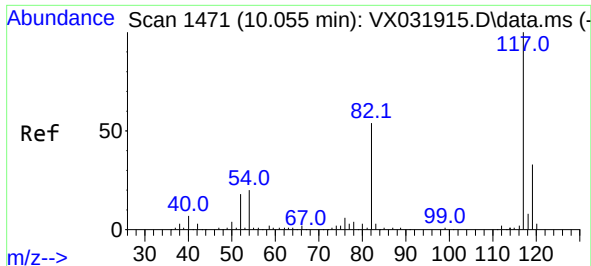
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 199.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 95 Resp: 68000
Ion Ratio Lower Upper
95 100
174 79.0 0.0 153.2
176 77.4 0.0 144.0

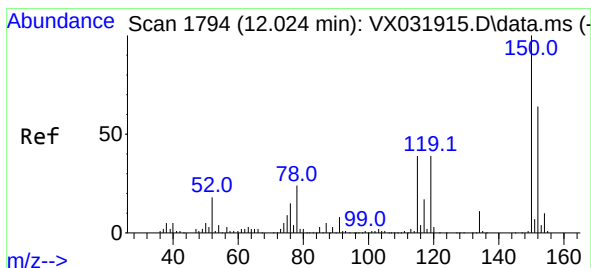
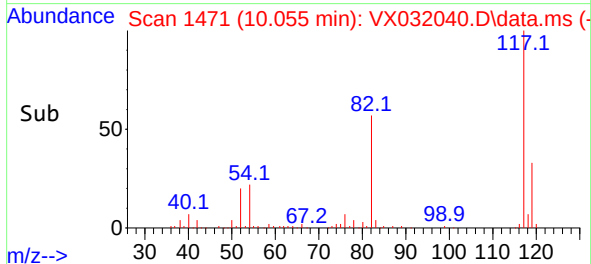
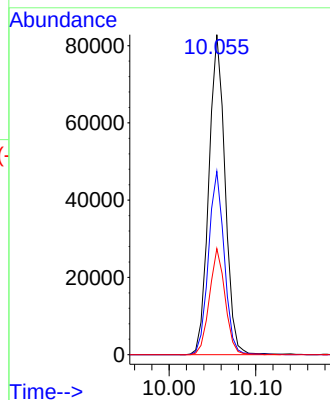
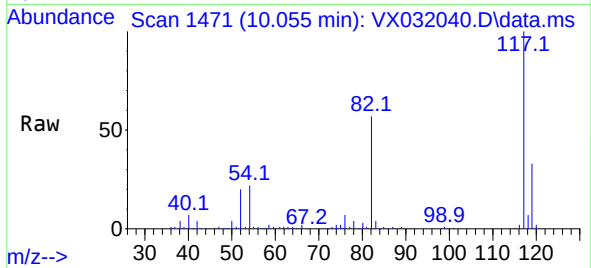




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

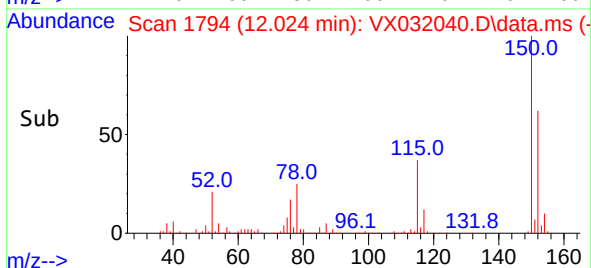
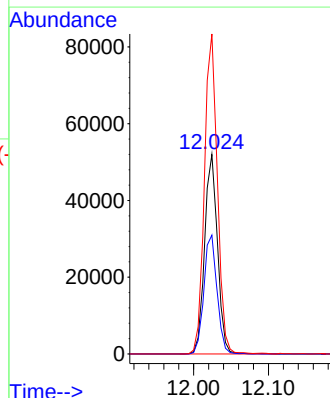
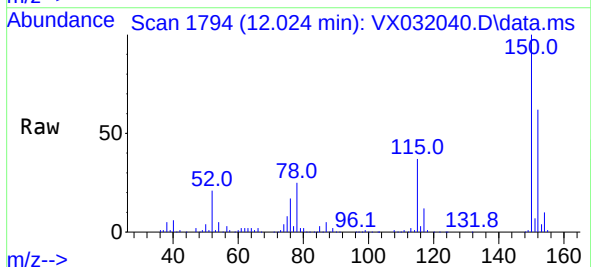
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

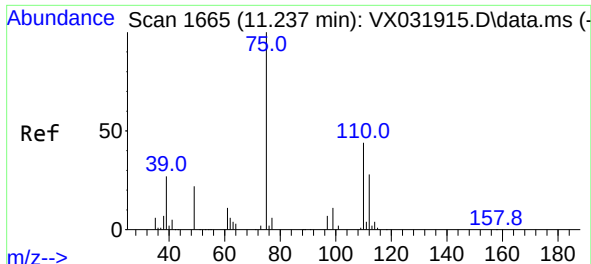
Tgt Ion:117 Resp: 107855
Ion Ratio Lower Upper
117 100
82 57.2 46.8 70.2
119 33.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion:152 Resp: 62217
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 161.1 0.0 346.8

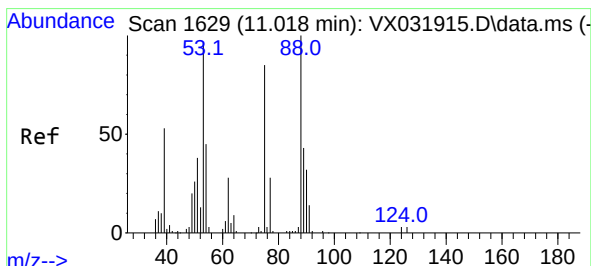
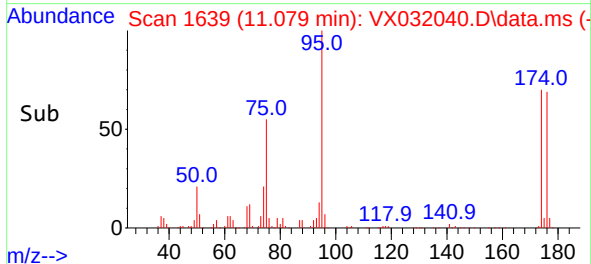
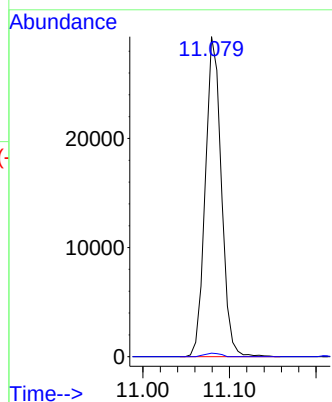
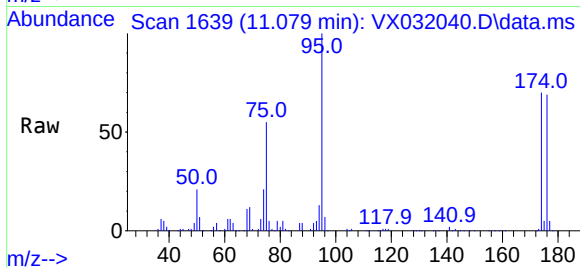




#76
1,2,3-Trichloropropane
Concen: 29.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-118D

Tgt Ion: 75 Resp: 37755
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 75 Resp: 37755
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

