

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032019.D
 Acq On : 10 Oct 2022 17:50
 Operator : JC/MD
 Sample : N4937-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104D

Quant Time: Oct 11 06:00:19 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)

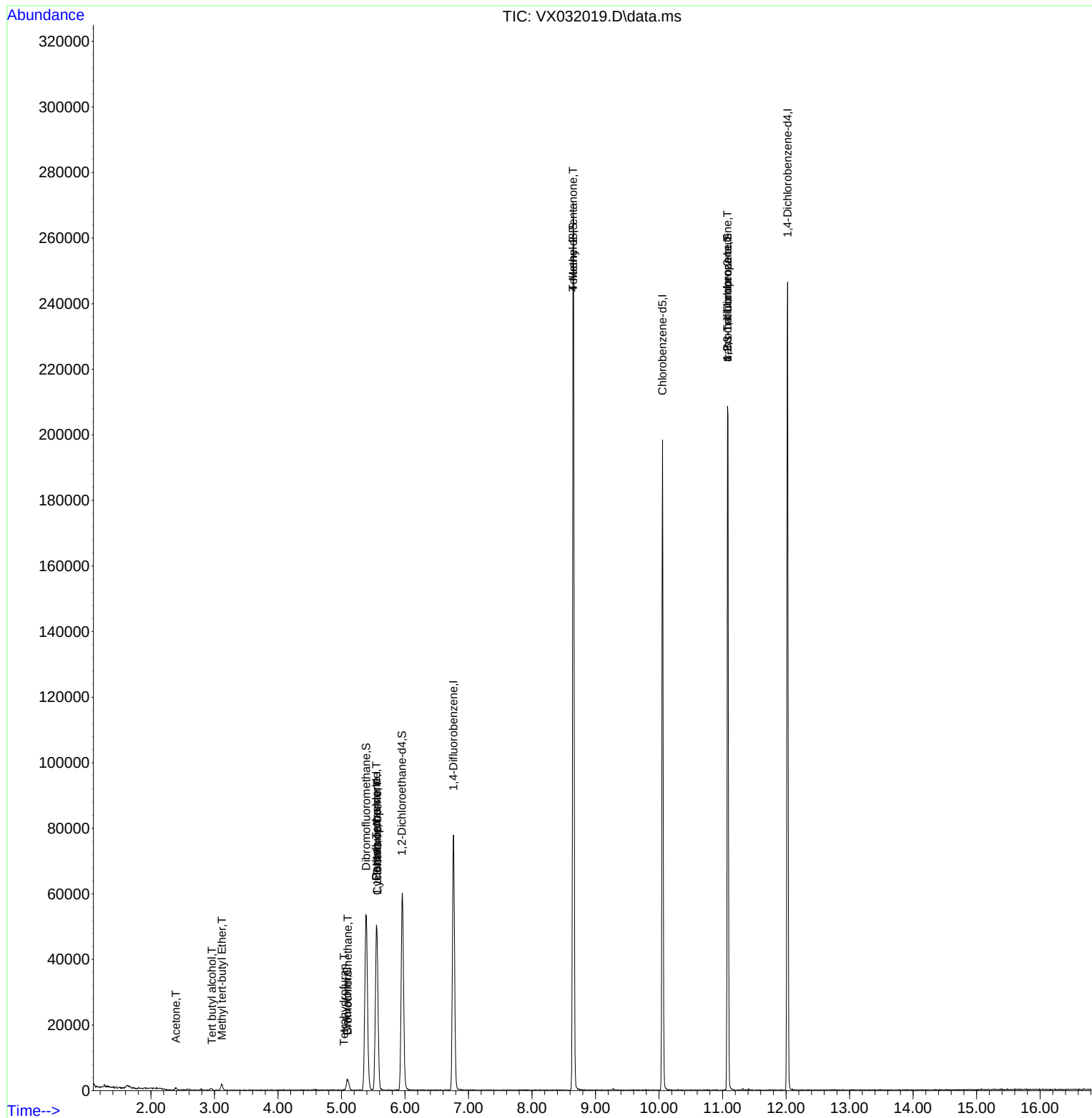
Internal Standards						
1) Pentafluorobenzene	5.549	168	47054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	79874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56358	57.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.000%			
35) Dibromofluoromethane	5.385	113	45910	50.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.560%			
50) Toluene-d8	8.646	98	161192	49.546	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.100%			
62) 4-Bromofluorobenzene	11.079	95	54064	47.006	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.020%			
Target Compounds			Qvalue			
5) Bromomethane	1.623	94	238	Below Cal		91
11) Tert butyl alcohol	2.958	59	372	3.077 ug/l #		73
16) Acetone	2.392	43	855	2.589 ug/l		92
19) Methyl tert-butyl Ether	3.117	73	2017	0.839 ug/l		94
28) Bromochloromethane	5.098	49	258	0.439 ug/l #		15
29) Tetrahydrofuran	5.037	42	71	0.213 ug/l #		32
30) Chloroform	5.086	83	4033	2.635 ug/l		87
31) Cyclohexane	5.562	56	1204	1.037 ug/l #		50
36) 1,1-Dichloropropene	5.562	75	3836	3.200 ug/l #		48
38) Carbon Tetrachloride	5.549	117	5150	4.201 ug/l #		19
51) 4-Methyl-2-Pentanone	8.646	43	706	0.622 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	29367	28.012 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	29367	95.849 ug/l #		11

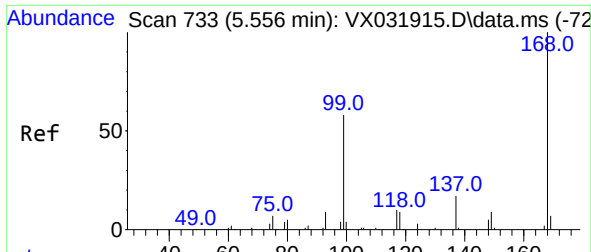
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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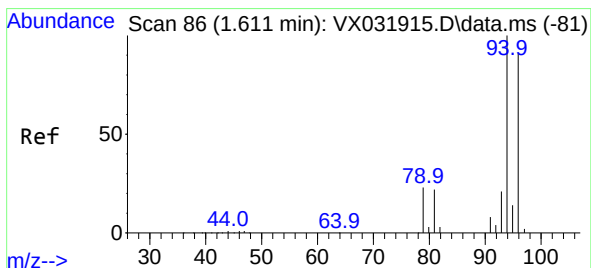
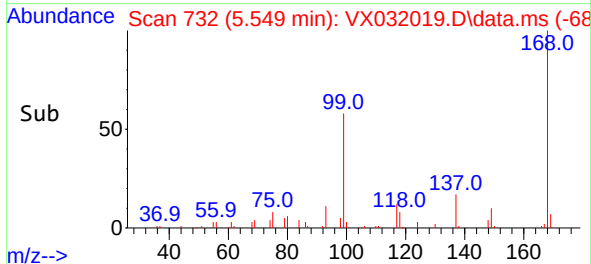
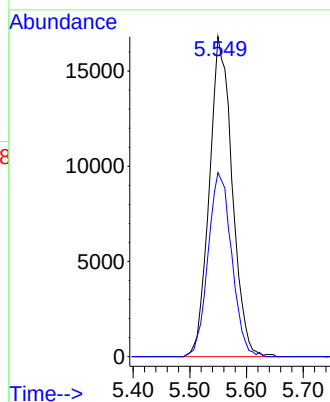
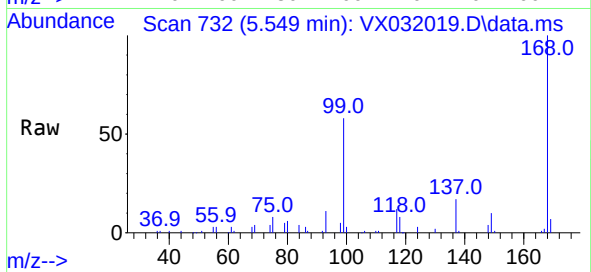




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

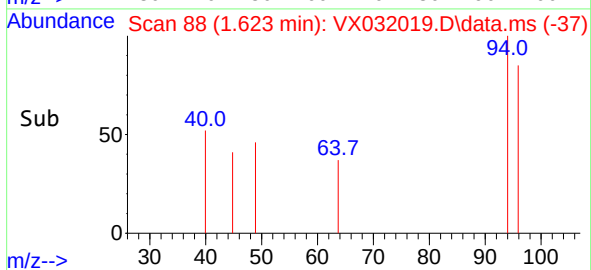
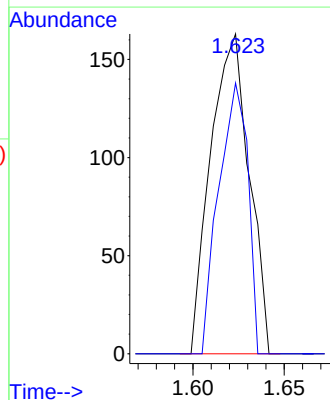
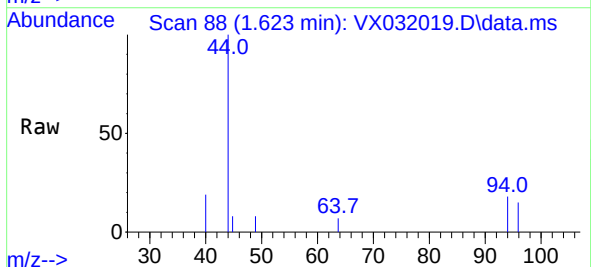
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

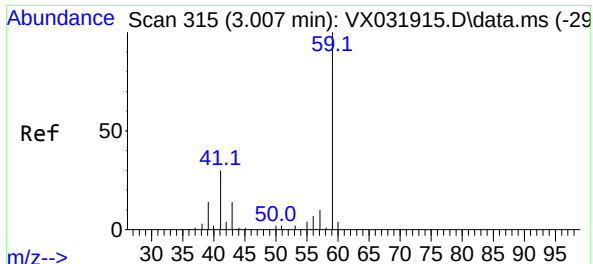
Tgt Ion:168 Resp: 47054
Ion Ratio Lower Upper
168 100
99 57.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 84.7 74.4 111.6





#11

Tert butyl alcohol

Concen: 3.077 ug/l

RT: 2.958 min Scan# 307

Delta R.T. -0.049 min

Lab File: VX032019.D

Acq: 10 Oct 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

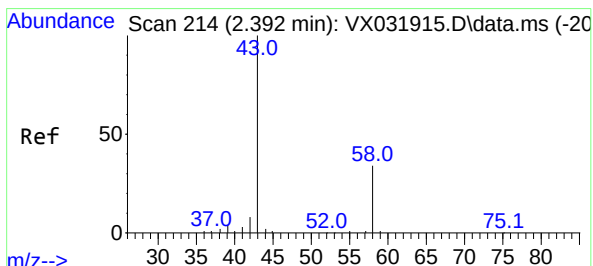
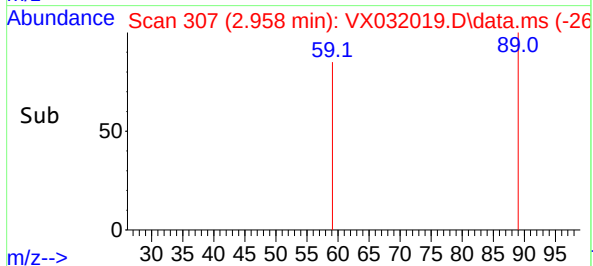
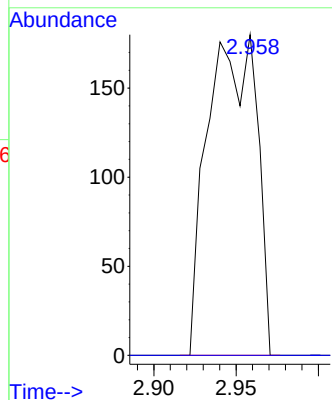
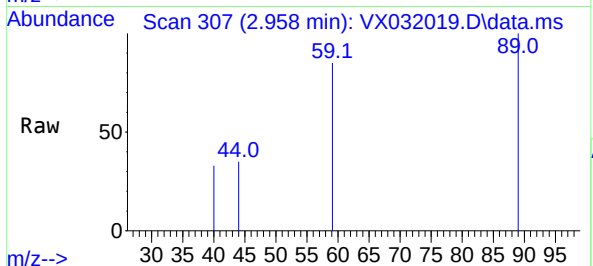
MW-104D

Tgt Ion: 59 Resp: 372

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 2.589 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX032019.D

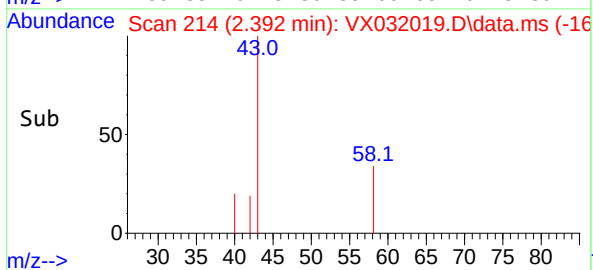
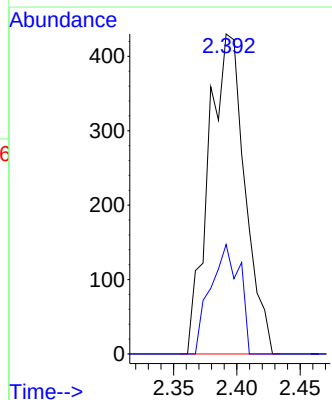
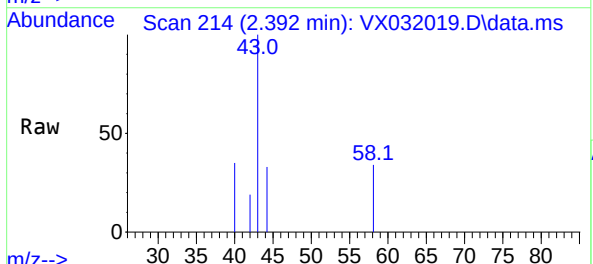
Acq: 10 Oct 2022 17:50

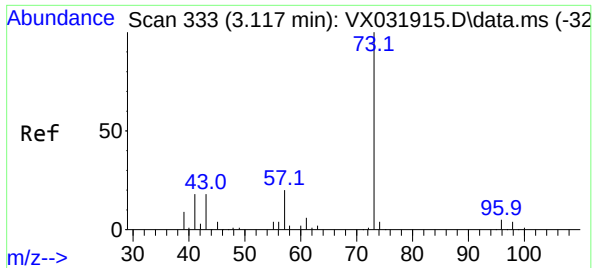
Tgt Ion: 43 Resp: 855

Ion Ratio Lower Upper

43 100

58 34.2 23.8 35.8

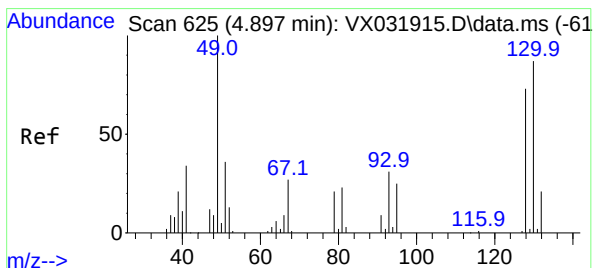
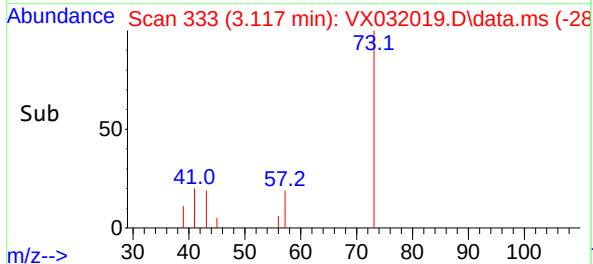
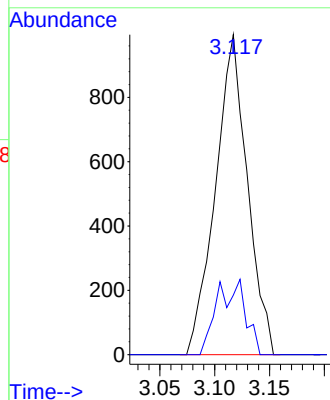
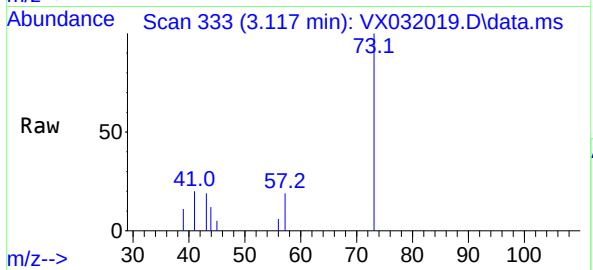




#19
Methyl tert-butyl Ether
Concen: 0.839 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

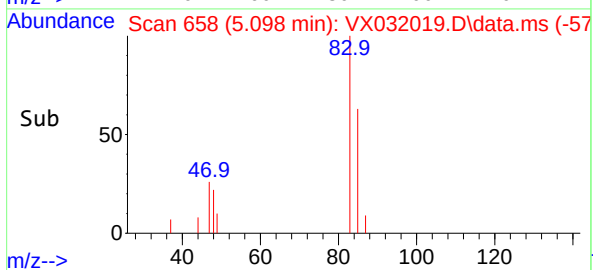
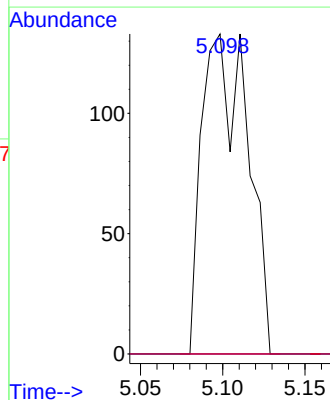
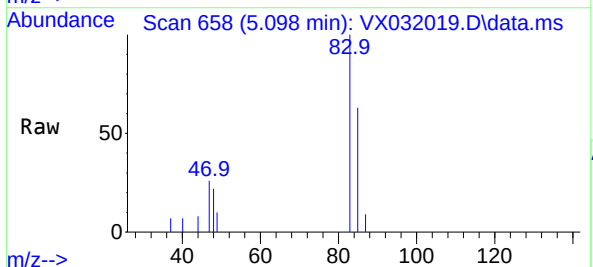
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

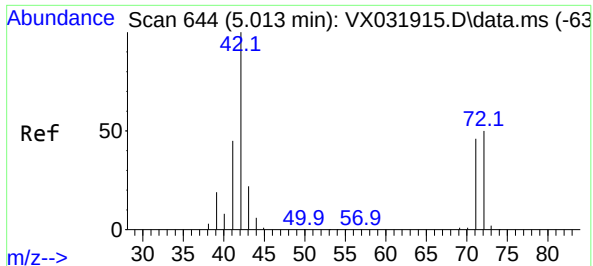
Tgt Ion: 73 Resp: 2017
Ion Ratio Lower Upper
73 100
57 18.6 17.2 25.8



#28
Bromochloromethane
Concen: 0.439 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.201 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Tgt Ion: 49 Resp: 258
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#





#29

Tetrahydrofuran

Concen: 0.213 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX032019.D

Acq: 10 Oct 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

MW-104D

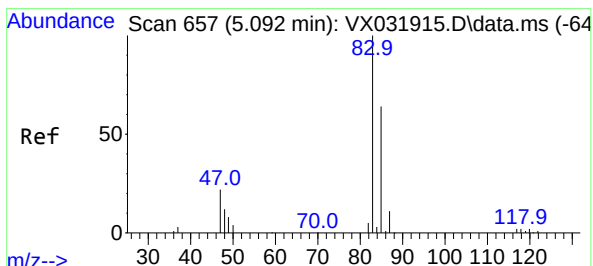
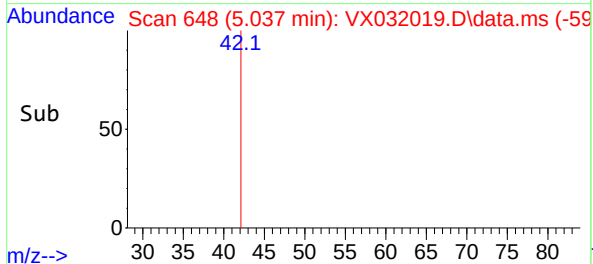
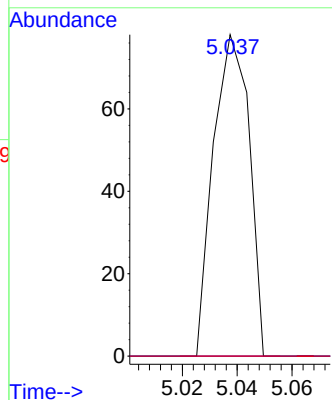
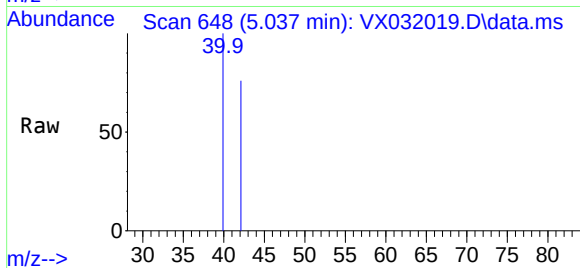
Tgt Ion: 42 Resp: 71

Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 0.0 33.5 50.3#



#30

Chloroform

Concen: 2.635 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX032019.D

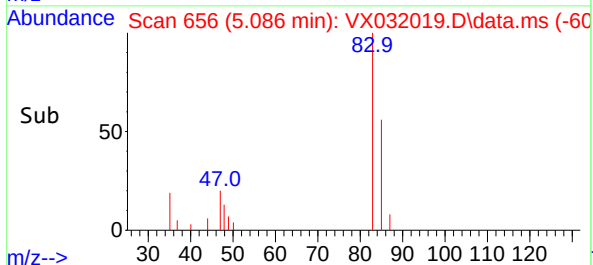
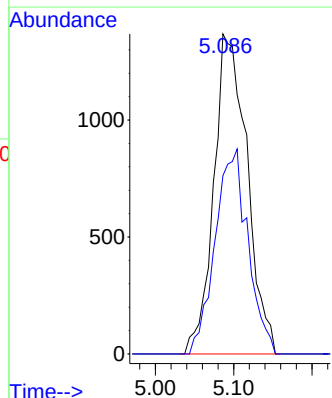
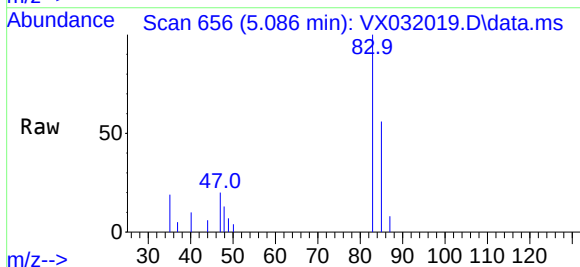
Acq: 10 Oct 2022 17:50

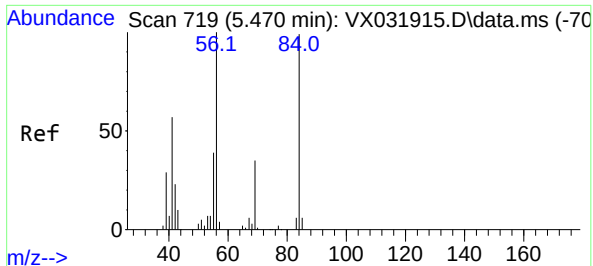
Tgt Ion: 83 Resp: 4033

Ion Ratio Lower Upper

83 100

85 55.7 52.8 79.2

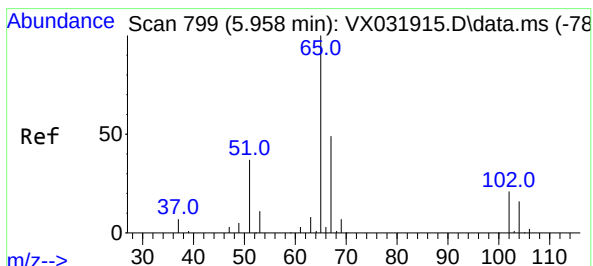
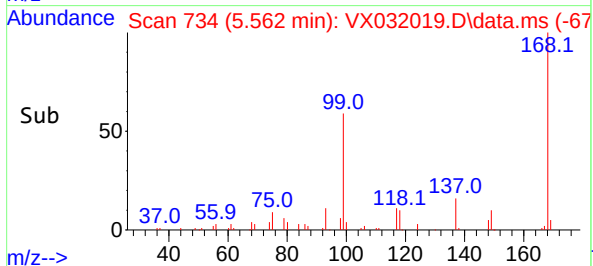
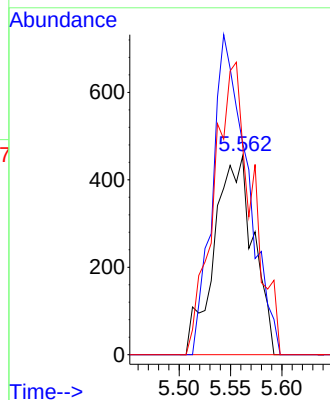
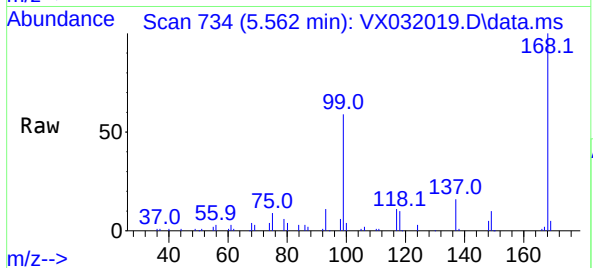




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

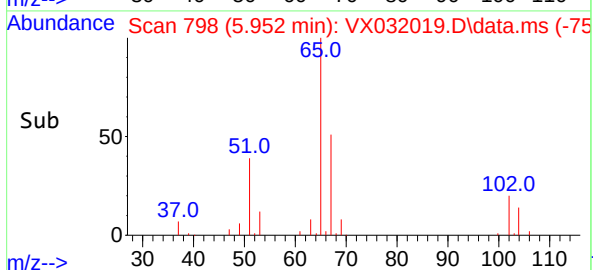
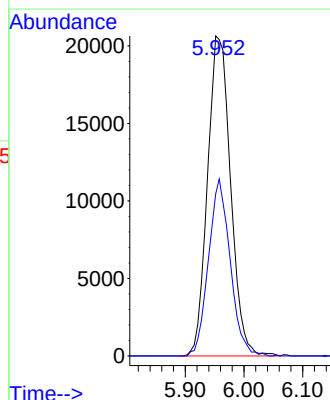
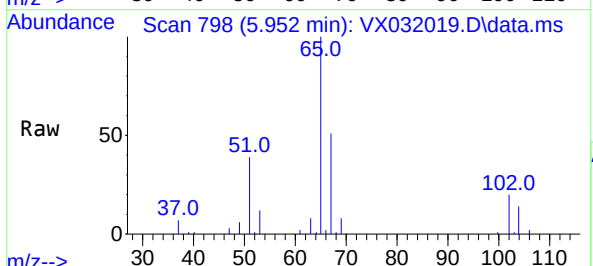
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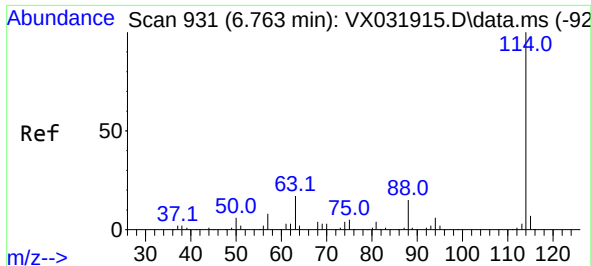
Tgt Ion: 56 Resp: 1204
Ion Ratio Lower Upper
56 100
69 106.8 25.1 37.7#
84 105.5 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 57.996 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Tgt Ion: 65 Resp: 56358
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

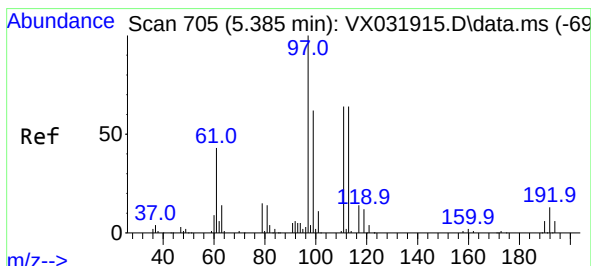
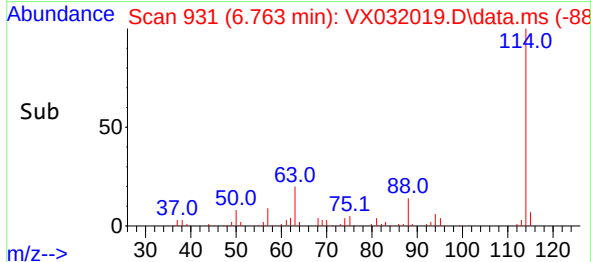
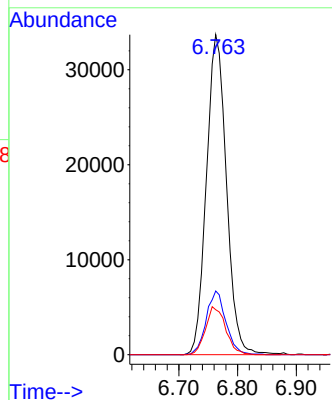
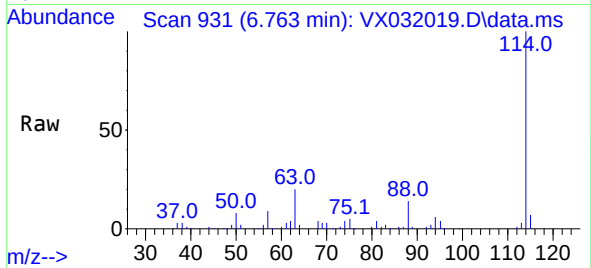




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

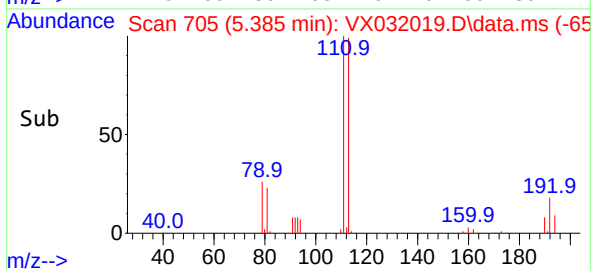
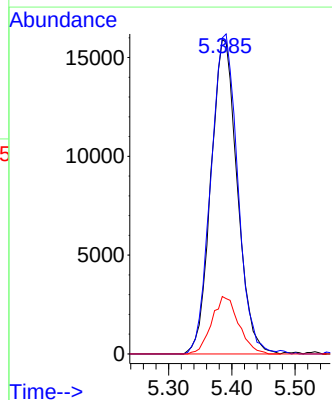
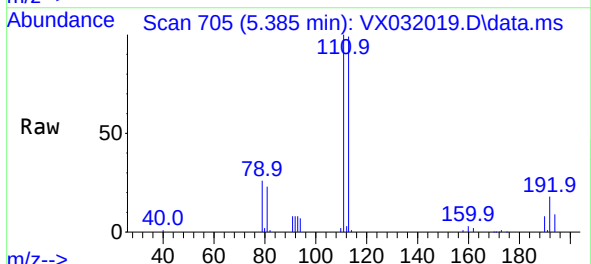
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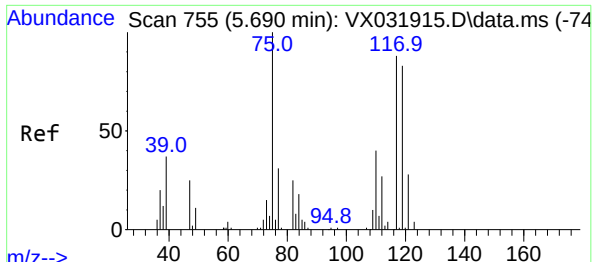
Tgt Ion:114 Resp: 79874
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.6
88 14.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.778 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Tgt Ion:113 Resp: 45910
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.7 14.1 21.1

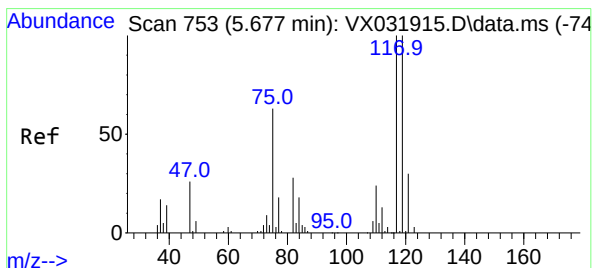
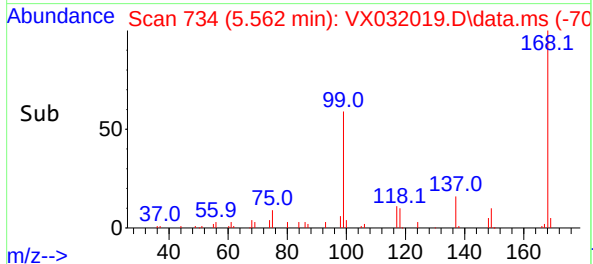
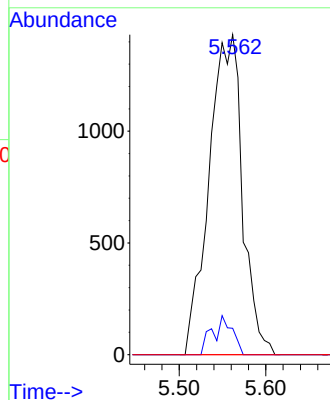
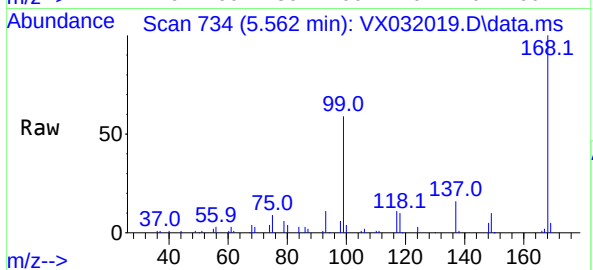




#36
1,1-Dichloropropene
Concen: 3.200 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

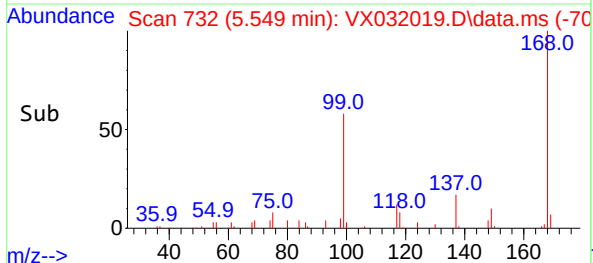
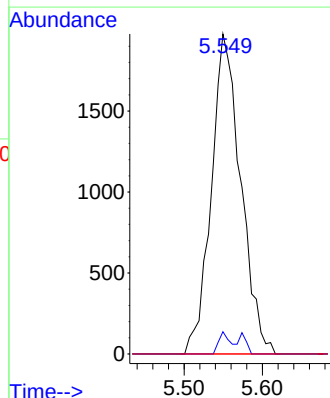
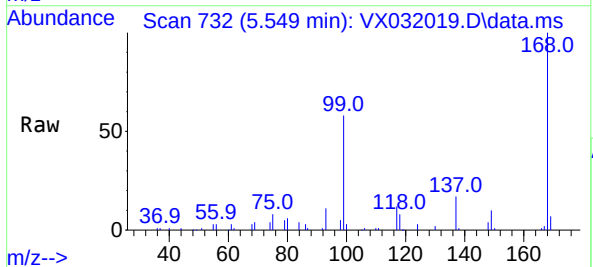
Instrument :
MSVOA_X
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MW-104D

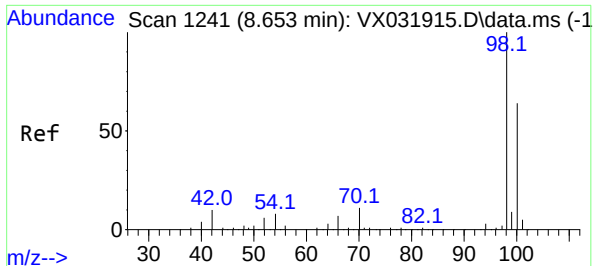
Tgt Ion: 75 Resp: 3836
Ion Ratio Lower Upper
75 100
110 7.2 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.201 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Tgt Ion: 117 Resp: 5150
Ion Ratio Lower Upper
117 100
119 7.0 74.6 112.0#
121 0.0 25.3 37.9#

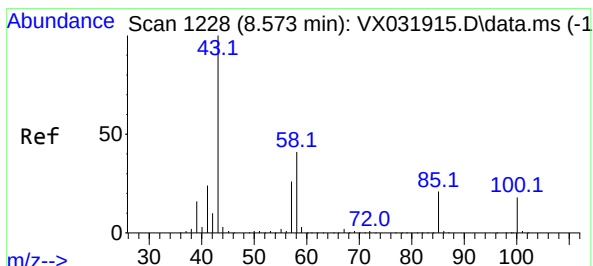
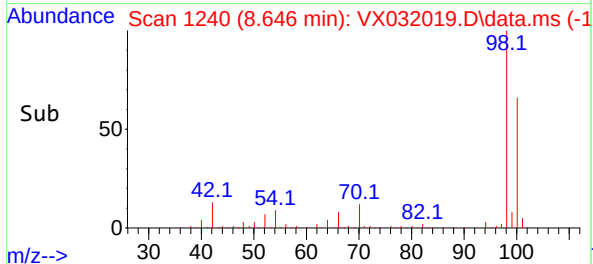
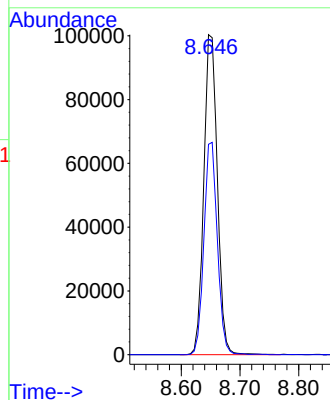
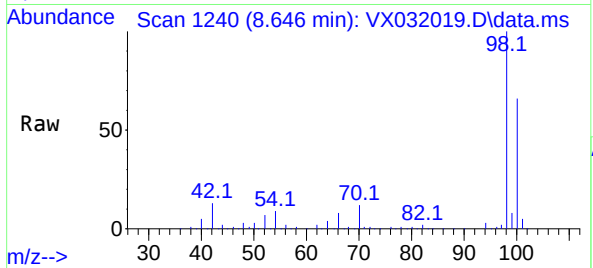




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

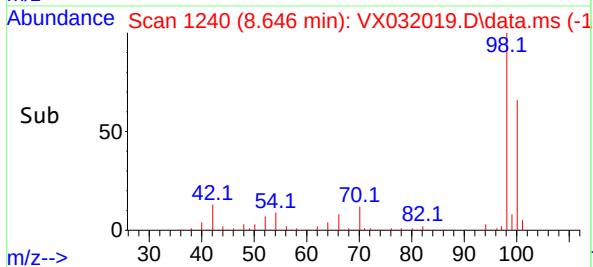
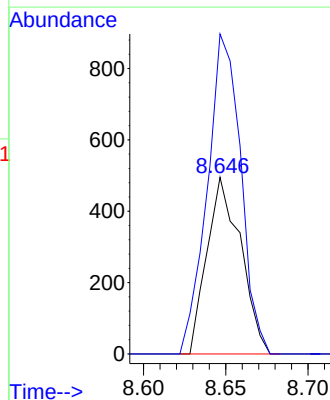
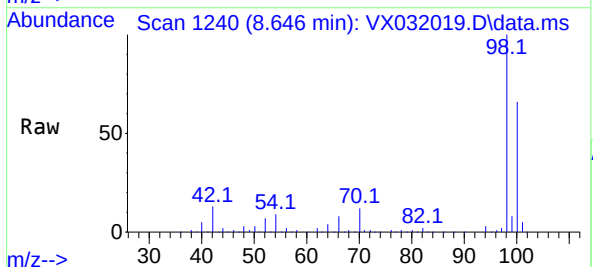
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

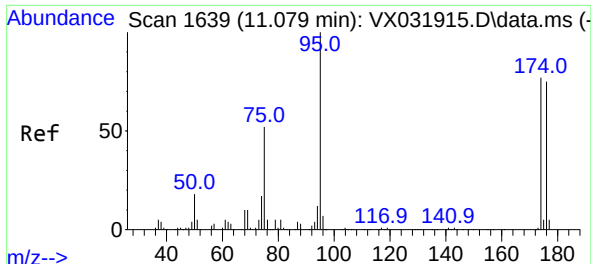
Tgt Ion: 98 Resp: 161192
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
58 179.9 30.6 46.0#

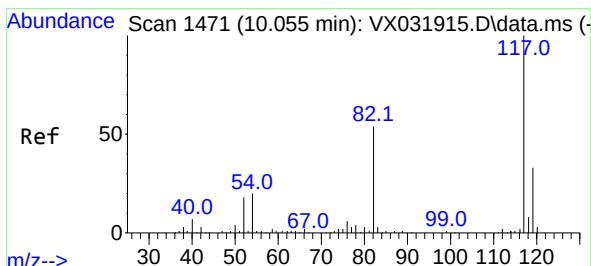
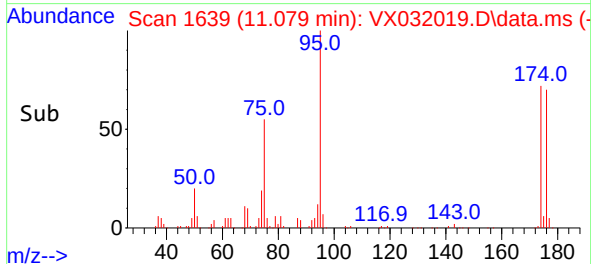
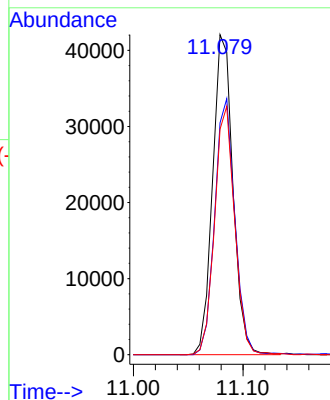
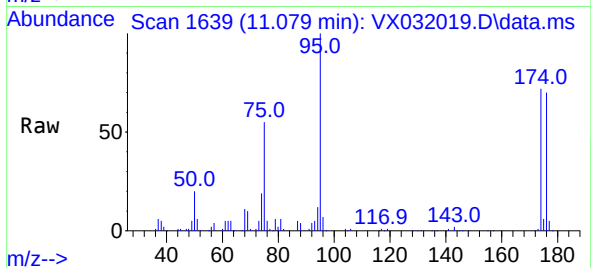




#62
4-Bromofluorobenzene
Concen: 47.006 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

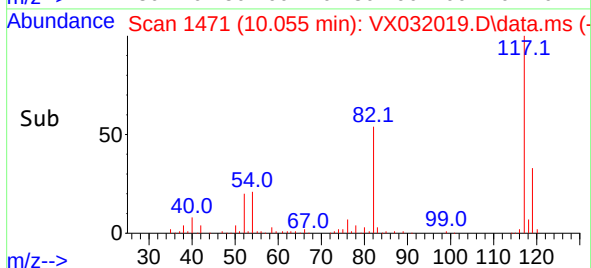
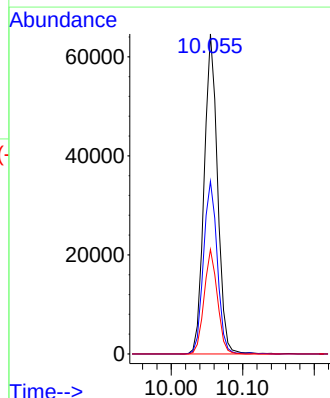
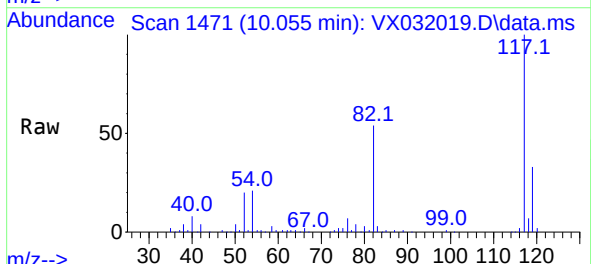
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

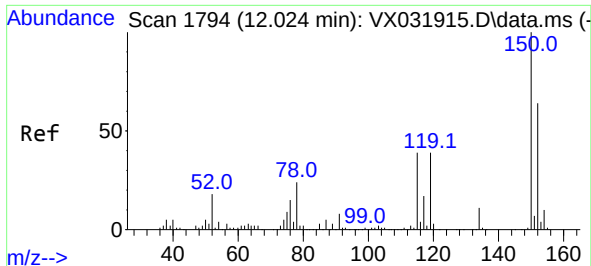
Tgt Ion: 95 Resp: 54064
Ion Ratio Lower Upper
95 100
174 79.6 0.0 153.2
176 76.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

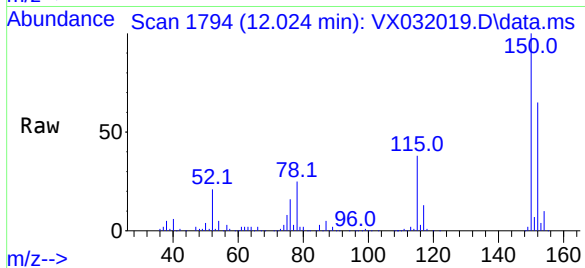
Tgt Ion: 117 Resp: 84287
Ion Ratio Lower Upper
117 100
82 54.0 46.8 70.2
119 32.6 26.4 39.6



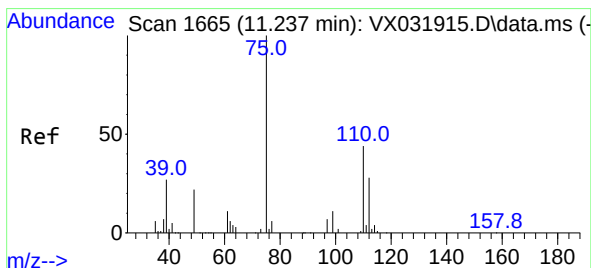
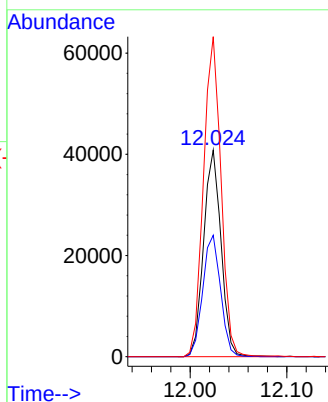
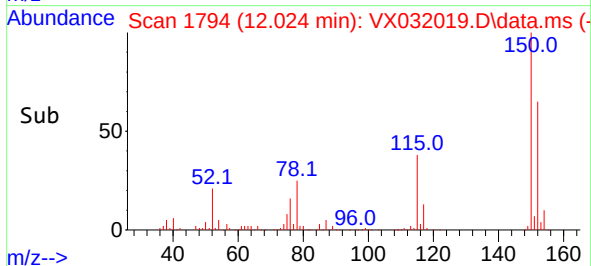


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
MW-104D

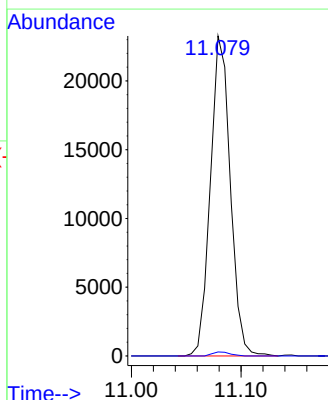
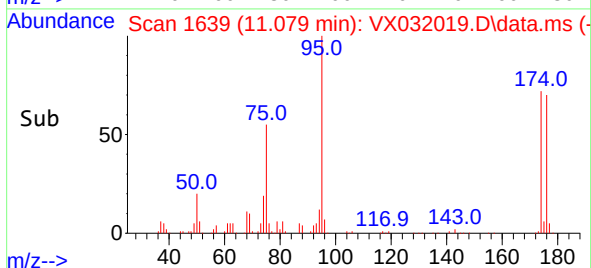
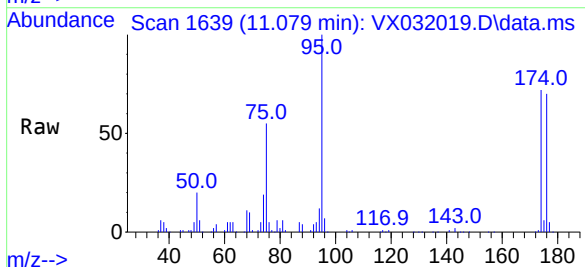


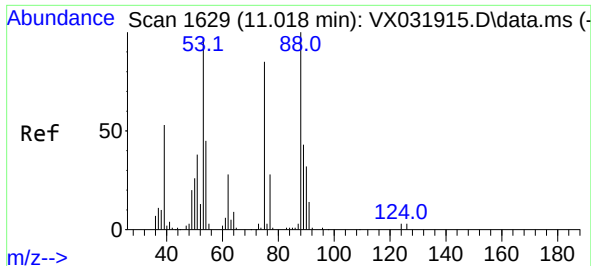
Tgt Ion:152 Resp: 51153
Ion Ratio Lower Upper
152 100
115 60.2 43.4 130.1
150 156.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 28.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032019.D
Acq: 10 Oct 2022 17:50

Tgt Ion: 75 Resp: 29367
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.849 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032019.D
 Acq: 10 Oct 2022 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104D

Tgt Ion: 75 Resp: 29367
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

