

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031181.D
 Acq On : 07 Sep 2022 23:53
 Operator : JC/MD
 Sample : N4355-02DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40DL

Quant Time: Sep 08 00:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

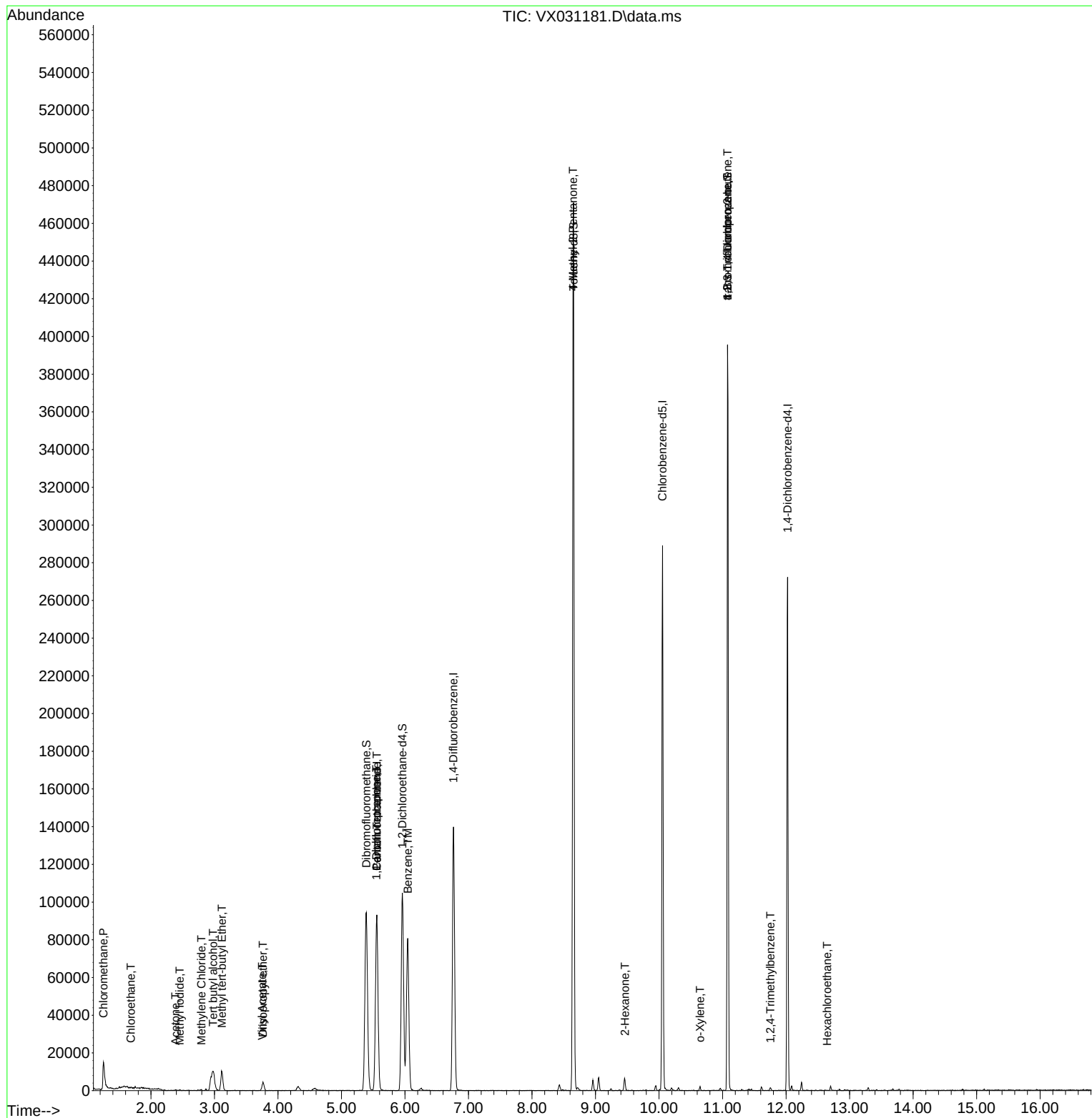
Internal Standards						
1) Pentafluorobenzene	5.556	168	80292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109839	57.781	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	115.560%	
35) Dibromofluoromethane	5.391	113	84884	55.525	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	111.060%	
50) Toluene-d8	8.653	98	284355	51.196	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.400%	
62) 4-Bromofluorobenzene	11.079	95	110200	54.140	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	108.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	677	0.683	ug/l	# 42
6) Chloroethane	1.685	64	723	1.101	ug/l	# 41
10) Methyl Iodide	2.453	142	423	0.237	ug/l	# 88
11) Tert butyl alcohol	2.977	59	20208	36.676	ug/l	98
16) Acetone	2.386	43	576	0.875	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	11404	2.368	ug/l	95
20) Methylene Chloride	2.794	84	368	0.238	ug/l	# 42
22) Diisopropyl ether	3.763	45	4105	1.073	ug/l	# 63
23) Vinyl Acetate	3.751	43	2001	0.623	ug/l	# 72
36) 1,1-Dichloropropene	5.550	75	7047	3.078	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	9674	4.016	ug/l	# 17
40) Benzene	6.043	78	99102	15.935	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1200	0.612	ug/l	# 1
59) 2-Hexanone	9.464	43	487	0.328	ug/l	67
69) o-Xylene	10.646	106	555	0.230	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	61971	44.060	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	61971	142.090	ug/l	# 13
84) 1,2,4-Trimethylbenzene	11.756	105	1103	0.302	ug/l	88
90) Hexachloroethane	12.646	117	154	0.242	ug/l	# 16

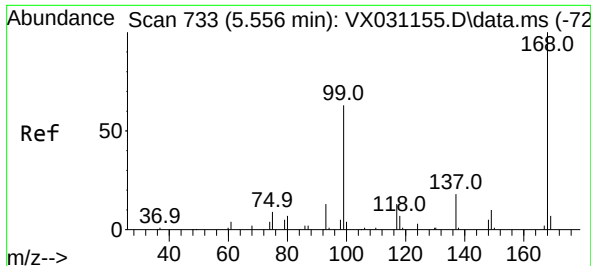
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX031181.D
Acq: 07 Sep 2022 23:53

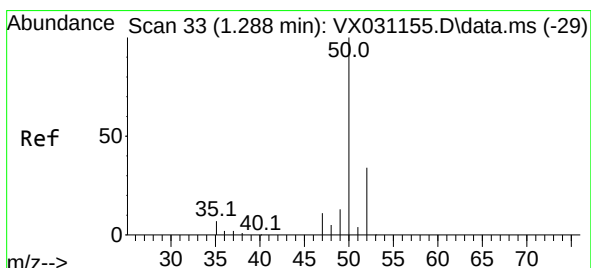
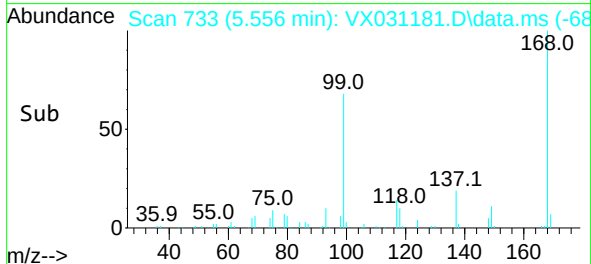
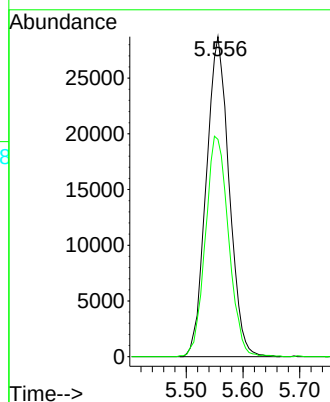
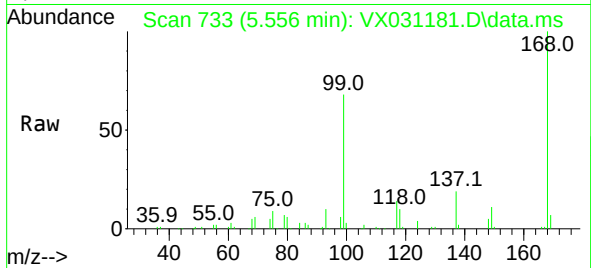
Instrument :

MSVOA_X

ClientSampleId :

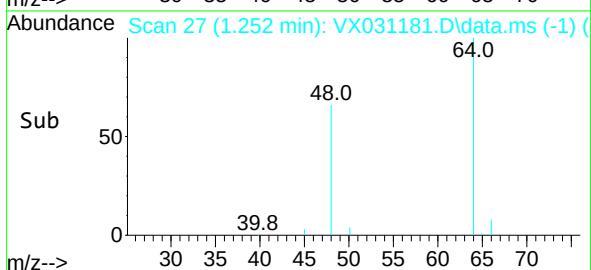
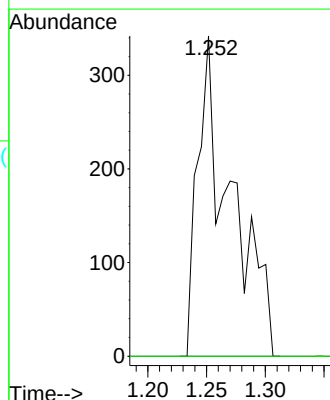
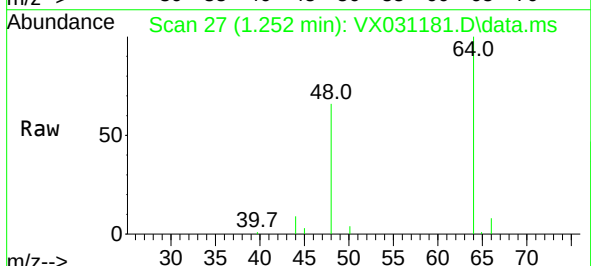
MW-40DL

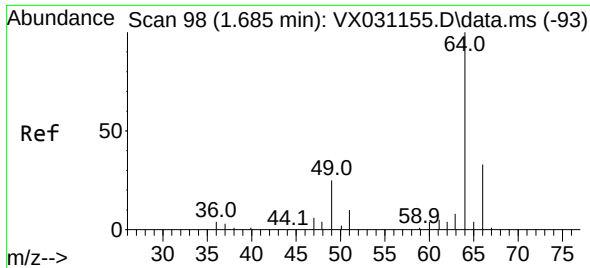
Tgt Ion:168 Resp: 80292
Ion Ratio Lower Upper
168 100
99 67.6 44.0 66.0#



#3
Chloromethane
Concen: 0.683 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.037 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

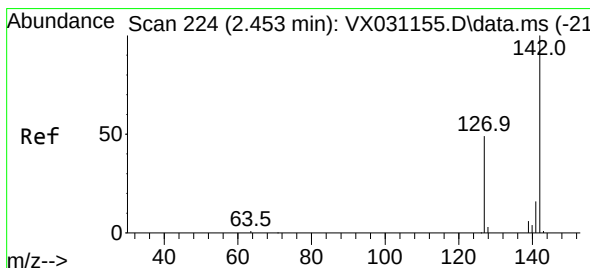
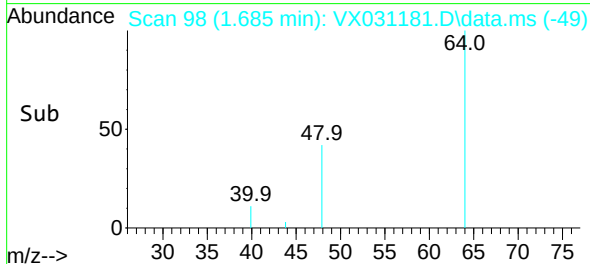
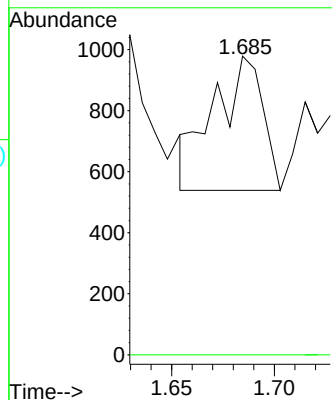
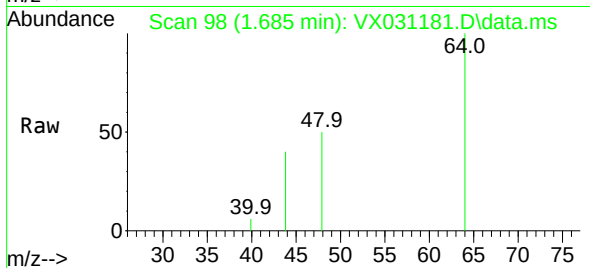




#6
Chloroethane
Concen: 1.101 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

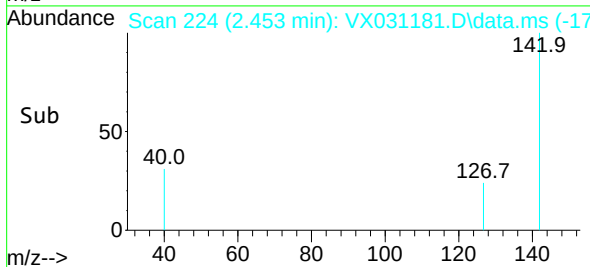
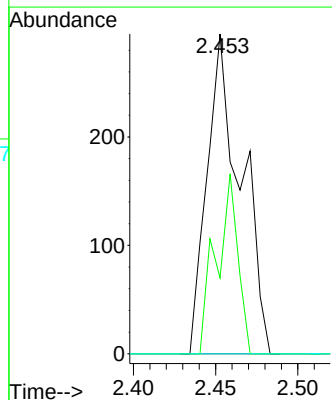
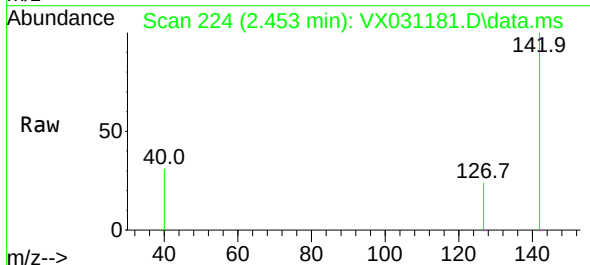
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

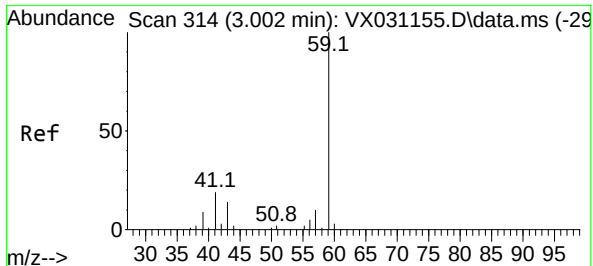
Tgt Ion: 64 Resp: 723
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 0.237 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 142 Resp: 423
Ion Ratio Lower Upper
142 100
127 35.7 30.2 45.2
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 36.676 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.025 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

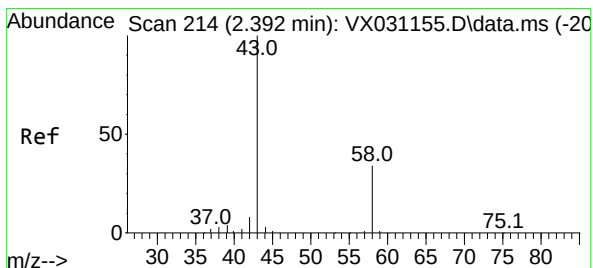
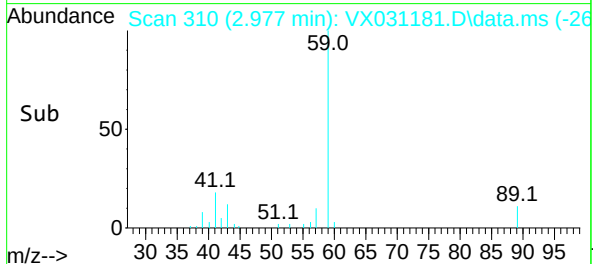
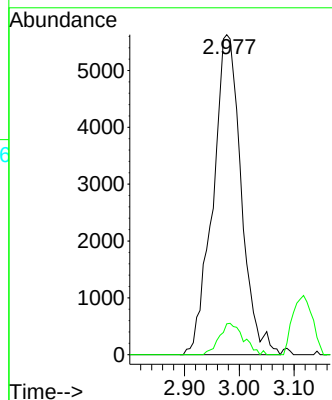
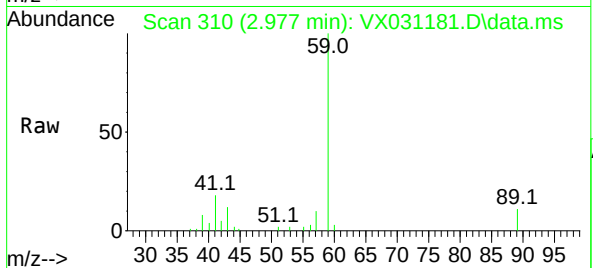
MW-40DL

Tgt Ion: 59 Resp: 20208

Ion Ratio Lower Upper

59 100

57 8.4 7.4 11.2



#16

Acetone

Concen: 0.875 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031181.D

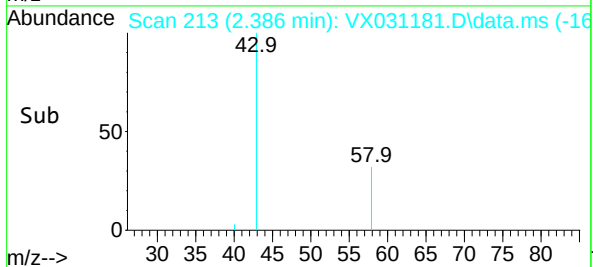
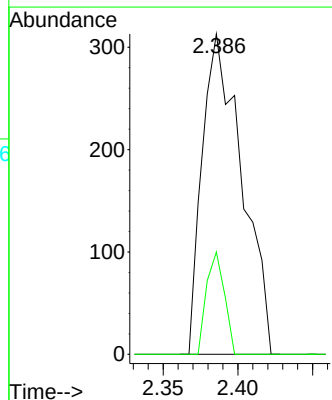
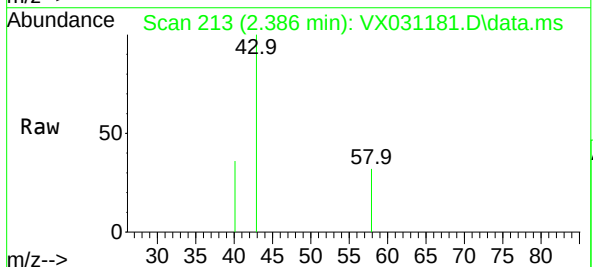
Acq: 07 Sep 2022 23:53

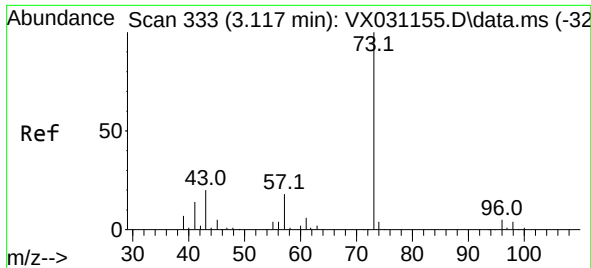
Tgt Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

58 31.9 27.7 41.5

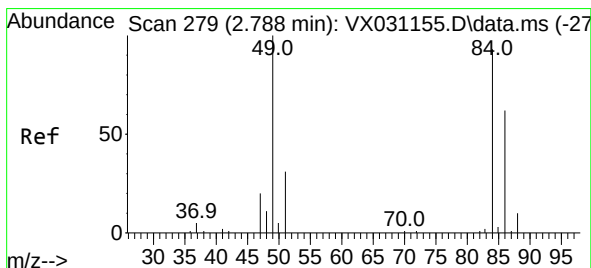
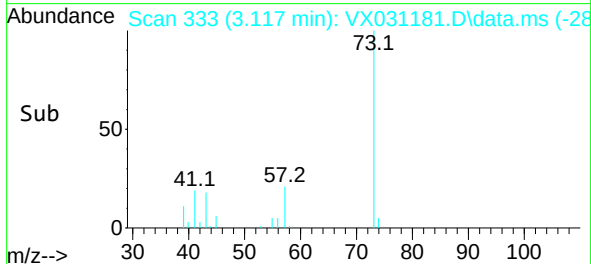
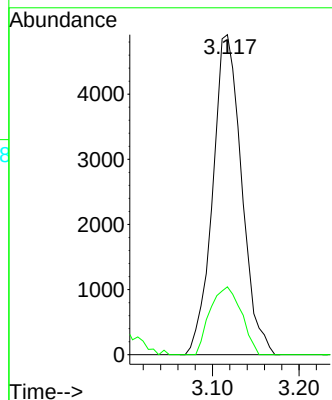
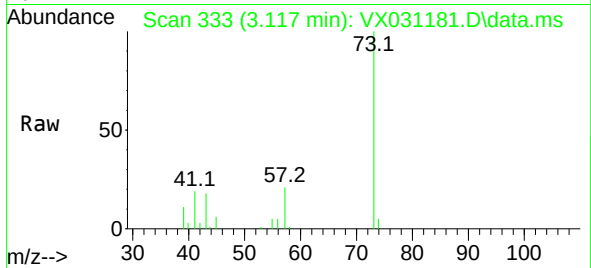




#19
Methyl tert-butyl Ether
Concen: 2.368 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

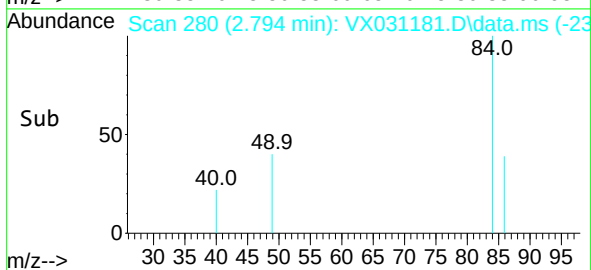
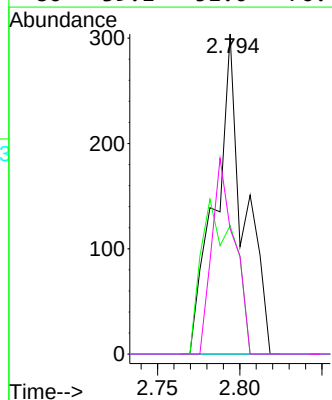
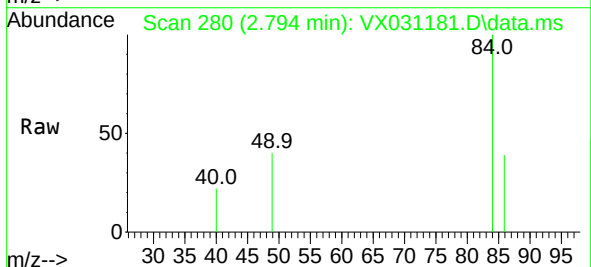
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

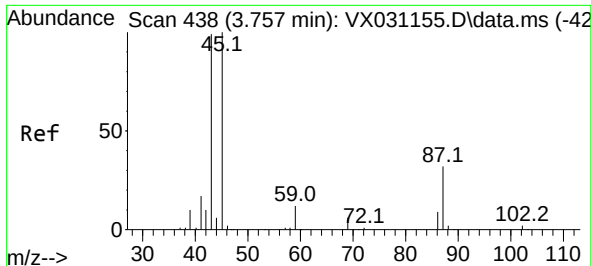
Tgt Ion: 73 Resp: 11404
Ion Ratio Lower Upper
73 100
57 21.2 19.0 28.6



#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 84 Resp: 368
Ion Ratio Lower Upper
84 100
49 40.1 93.8 140.6#
51 0.0 29.4 44.0#
86 39.1 51.0 76.4#

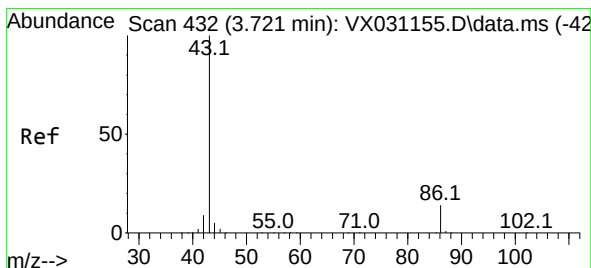
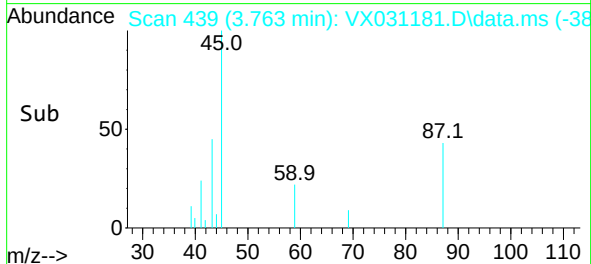
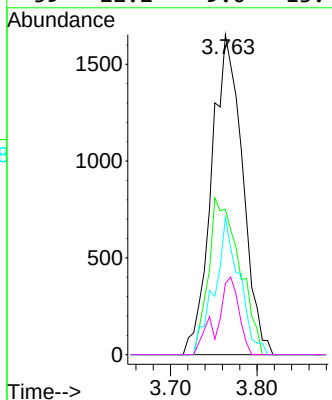
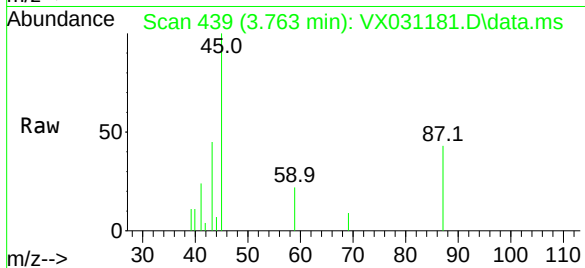




#22
Diisopropyl ether
Concen: 1.073 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

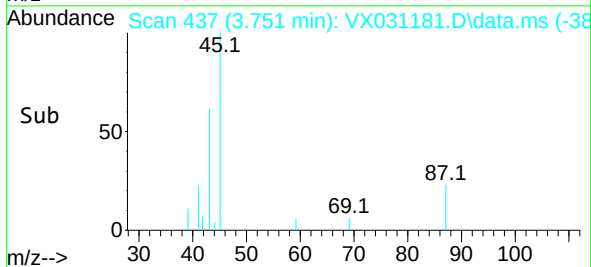
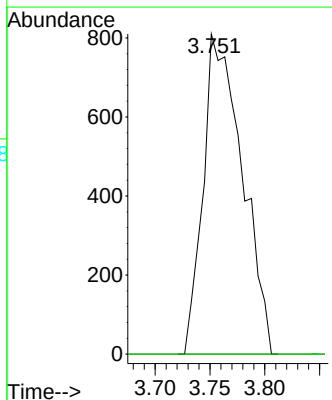
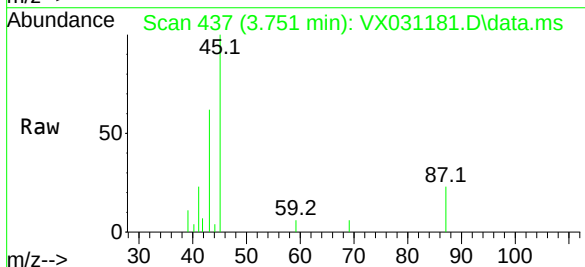
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

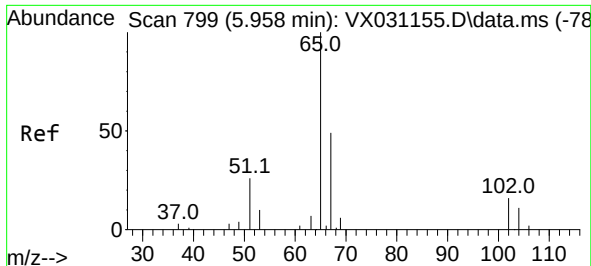
Tgt Ion: 45	Resp: 4105
Ion Ratio	Lower Upper
45 100	
43 45.5	65.4 98.0#
87 43.0	22.3 33.5#
59 22.2	9.0 13.4#



#23
Vinyl Acetate
Concen: 0.623 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.030 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 43	Resp: 2001
Ion Ratio	Lower Upper
43 100	
86 0.0	8.5 12.7#





#33

1,2-Dichloroethane-d4

Concen: 57.781 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

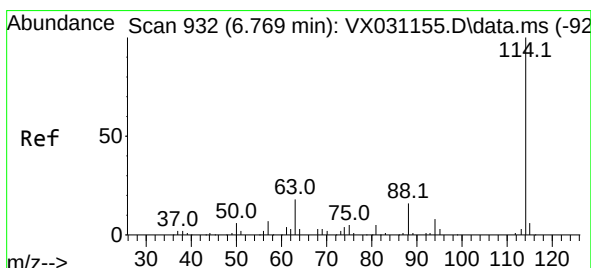
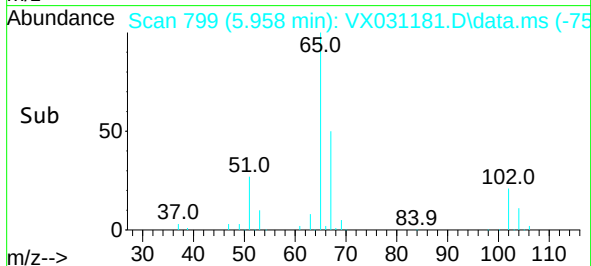
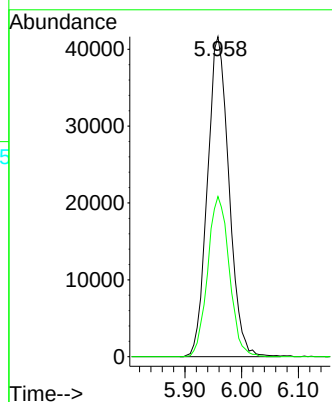
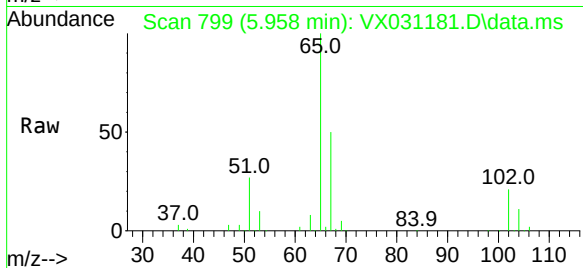
MW-40DL

Tgt Ion: 65 Resp: 109839

Ion Ratio Lower Upper

65 100

67 50.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

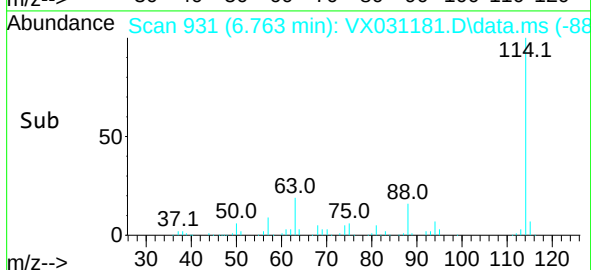
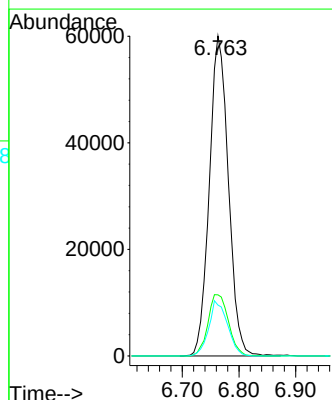
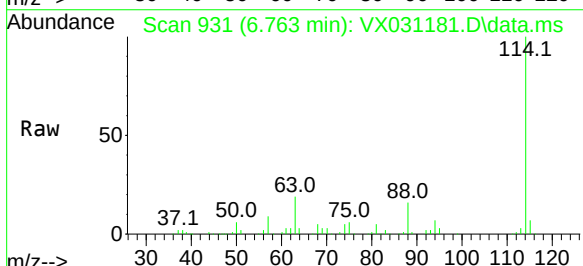
Tgt Ion: 114 Resp: 140287

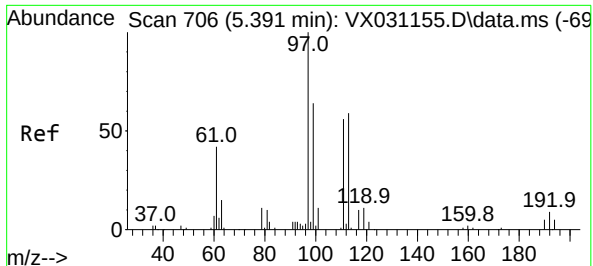
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.9 0.0 31.8

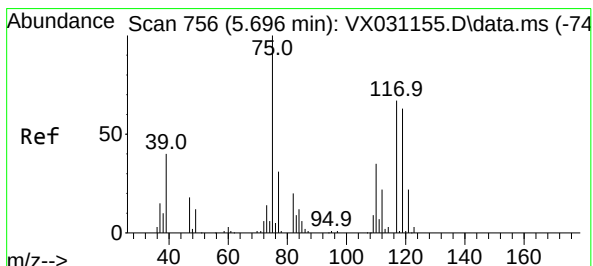
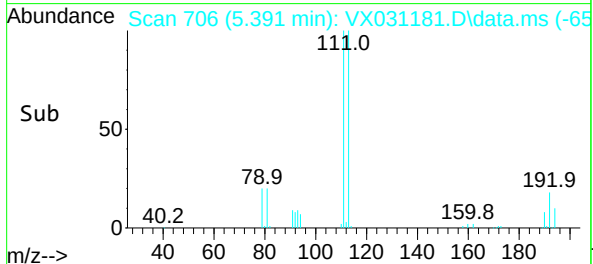
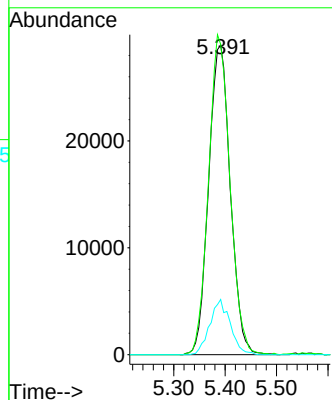
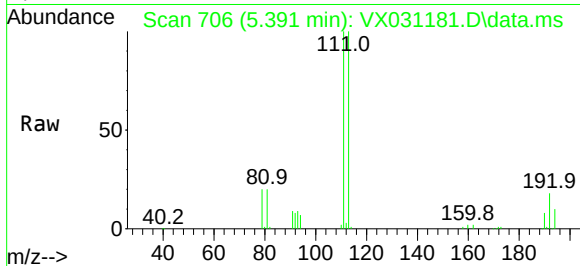




#35
Dibromofluoromethane
Concen: 55.525 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

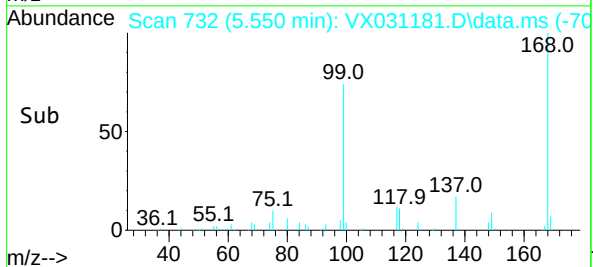
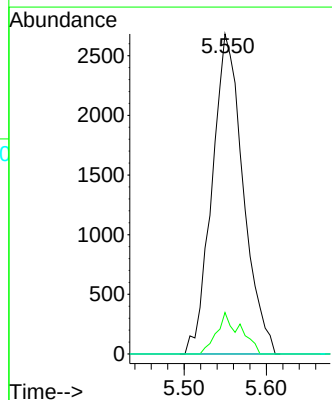
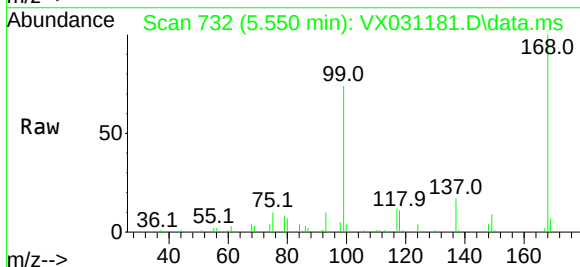
Instrument :
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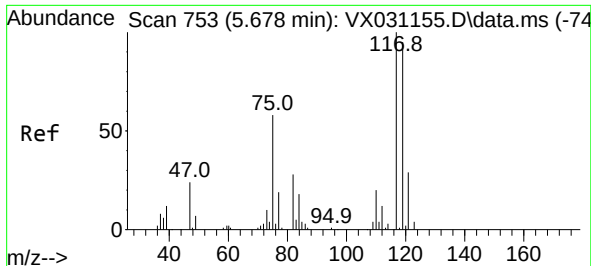
Tgt Ion:113 Resp: 84884
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 16.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.078 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

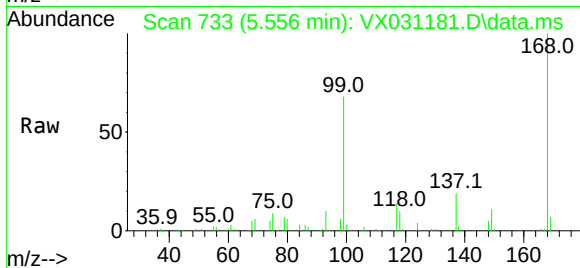
Tgt Ion: 75 Resp: 7047
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



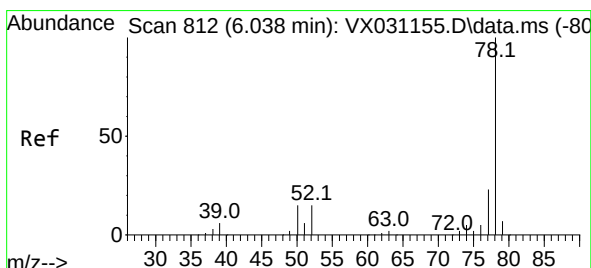
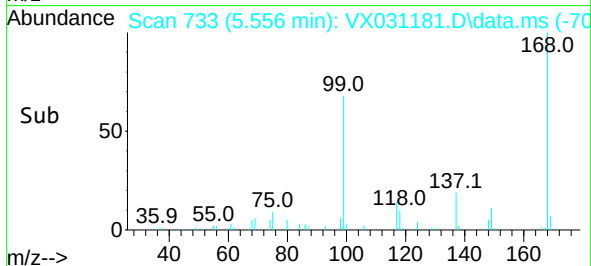
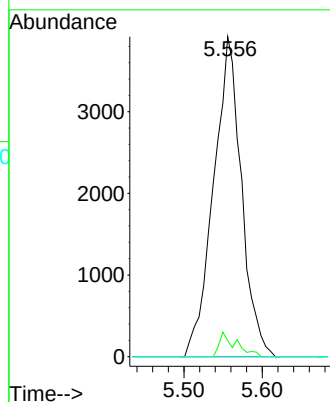


#38
Carbon Tetrachloride
Concen: 4.016 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

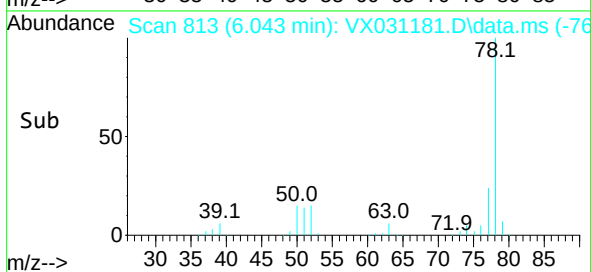
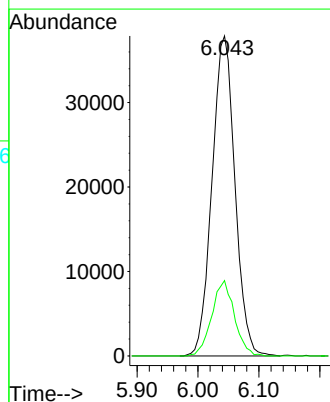
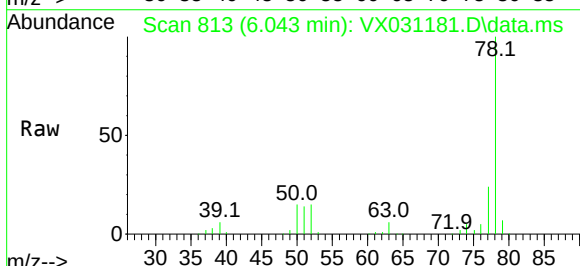


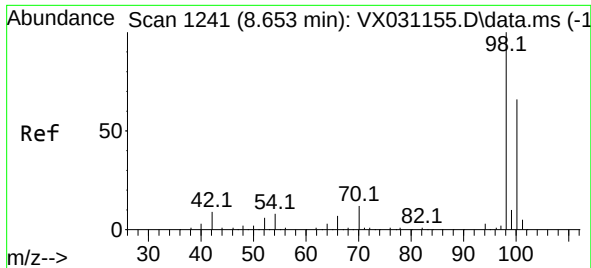
Tgt Ion:117 Resp: 9674
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 25.8 38.8#



#40
Benzene
Concen: 15.935 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 78 Resp: 99102
Ion Ratio Lower Upper
78 100
77 23.5 18.0 27.0

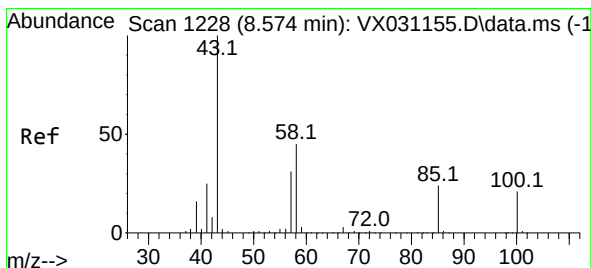
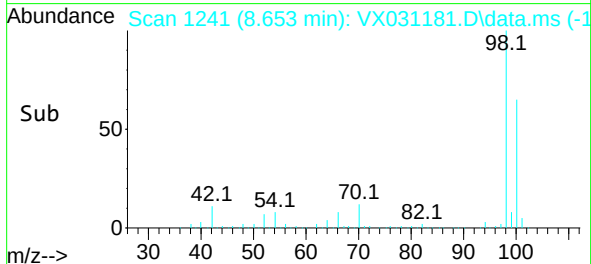
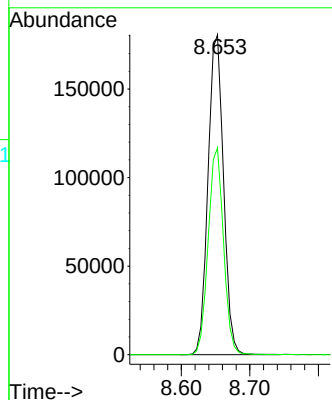
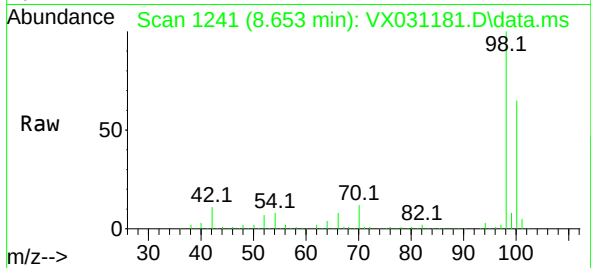




#50
Toluene-d8
Concen: 51.196 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

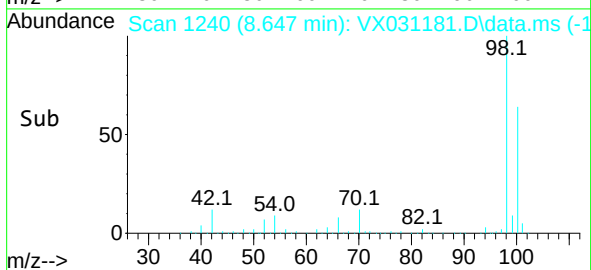
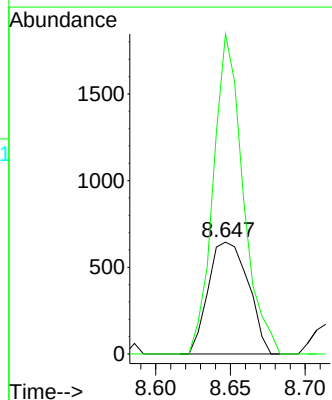
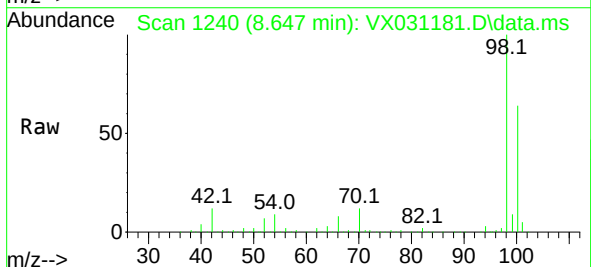
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

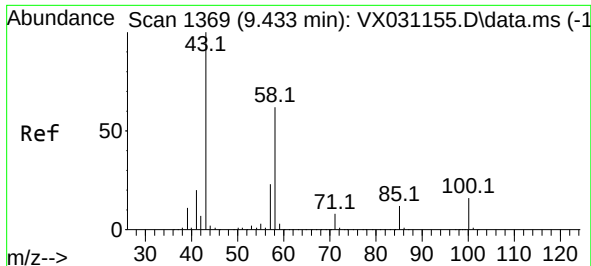
Tgt Ion: 98 Resp: 284355
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 213.3 31.4 47.2#





#59

2-Hexanone

Concen: 0.328 ug/l

RT: 9.464 min Scan# 11

Delta R.T. 0.030 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

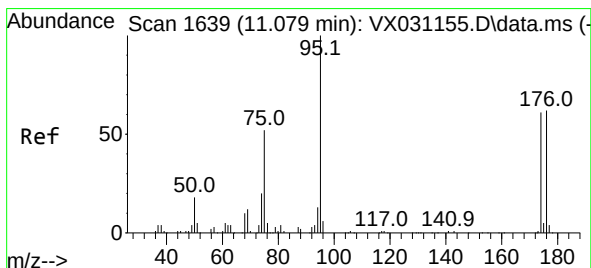
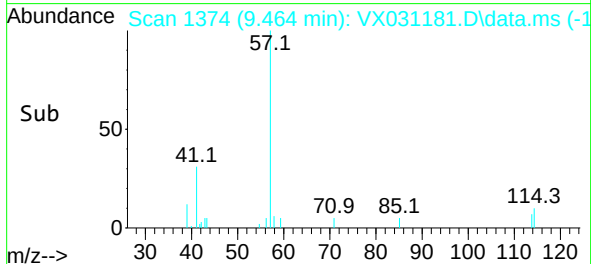
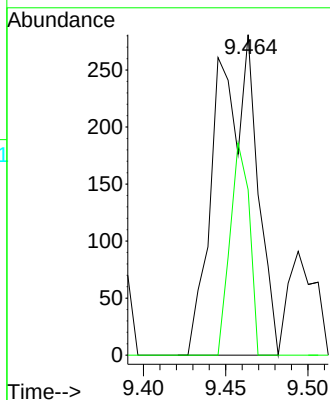
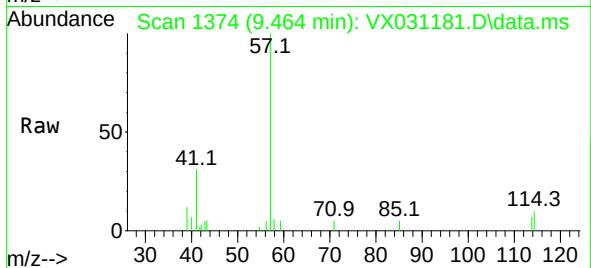
MW-40DL

Tgt Ion: 43 Resp: 487

Ion Ratio Lower Upper

43 100

58 31.2 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 54.140 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

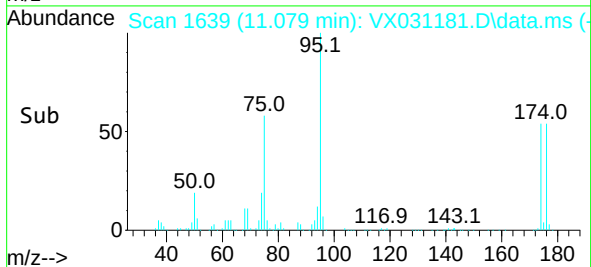
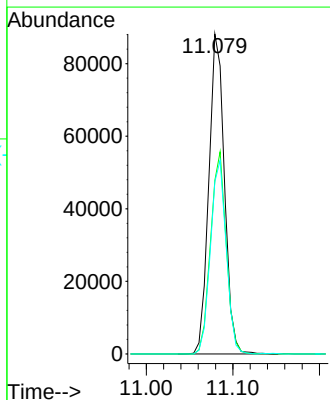
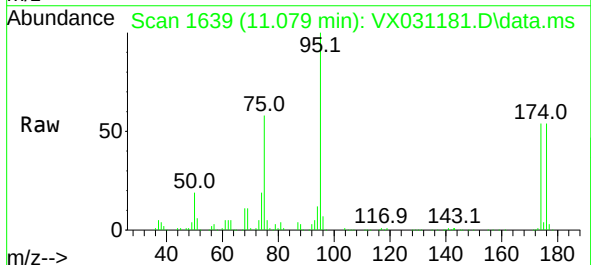
Tgt Ion: 95 Resp: 110200

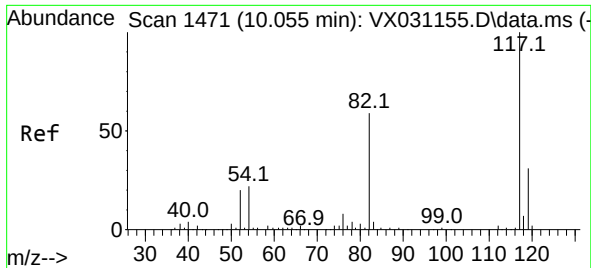
Ion Ratio Lower Upper

95 100

174 63.2 0.0 149.0

176 60.8 0.0 146.0

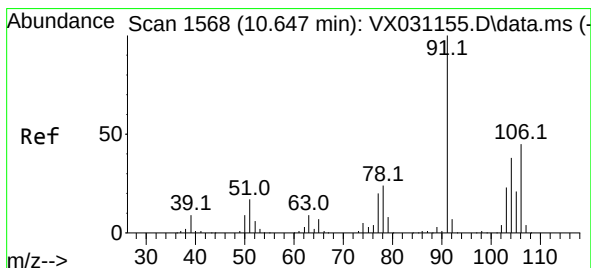
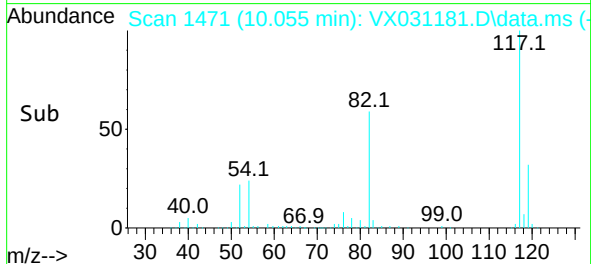
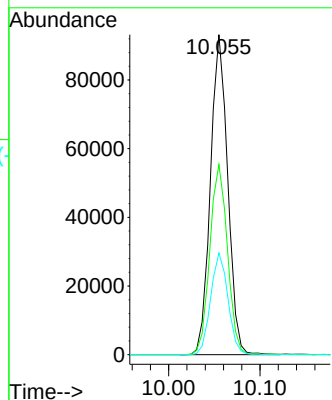
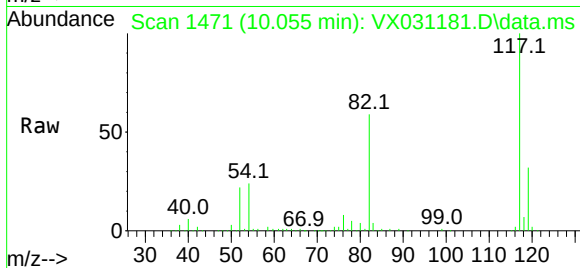




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

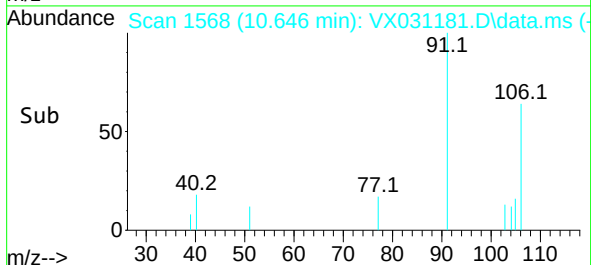
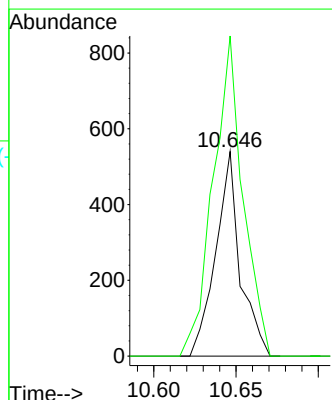
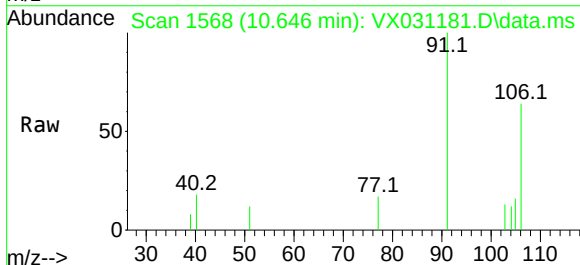
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

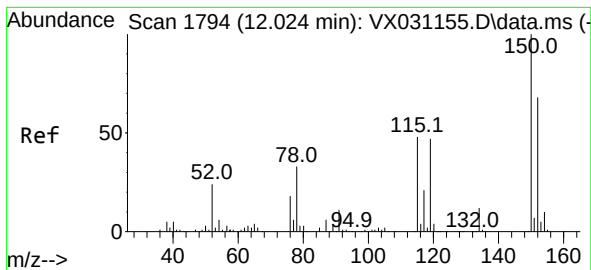
Tgt Ion:117 Resp: 122049
Ion Ratio Lower Upper
117 100
82 59.5 42.7 64.1
119 31.8 25.4 38.2



#69
o-Xylene
Concen: 0.230 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion:106 Resp: 555
Ion Ratio Lower Upper
106 100
91 192.1 103.8 311.6

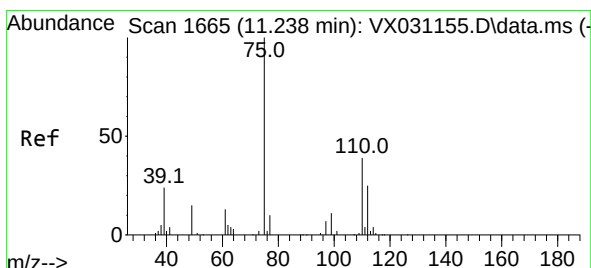
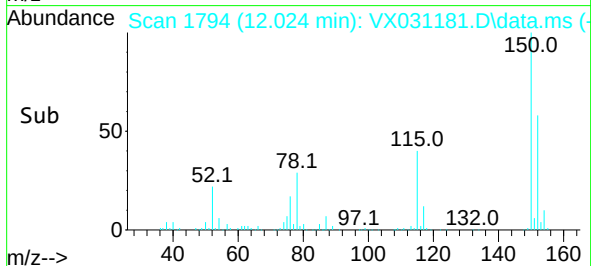
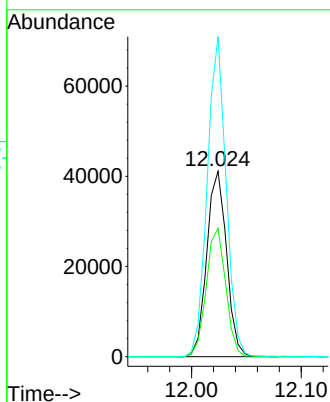
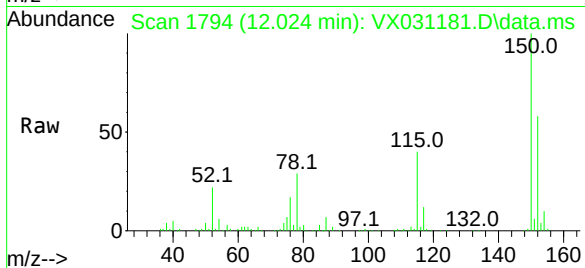




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

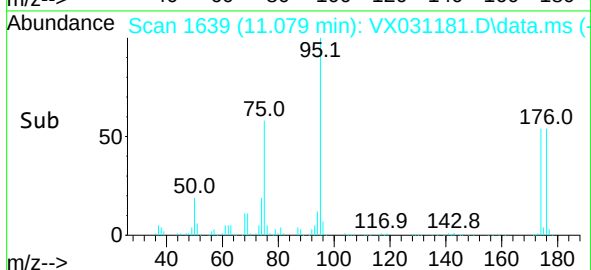
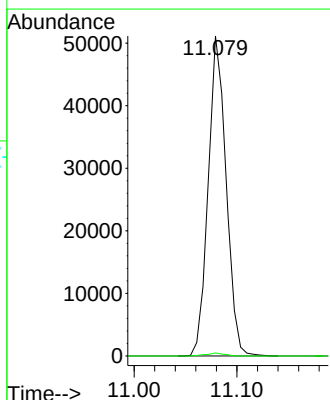
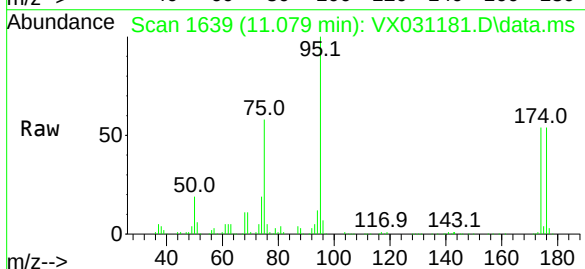
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

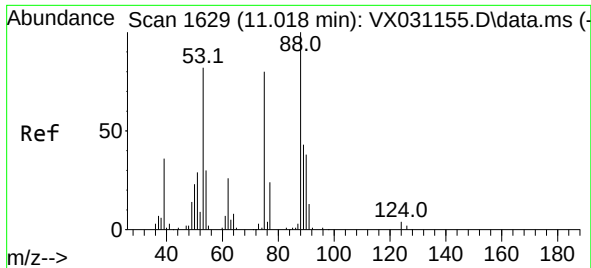
Tgt Ion:152 Resp: 51536
Ion Ratio Lower Upper
152 100
115 68.1 40.5 121.5
150 164.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 44.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 75 Resp: 61971
Ion Ratio Lower Upper
75 100
77 0.9 19.8 59.3#

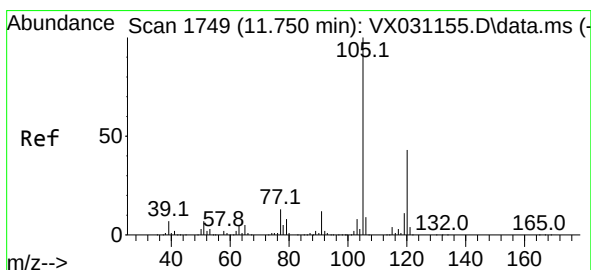
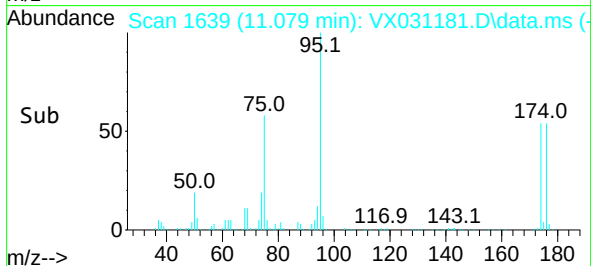
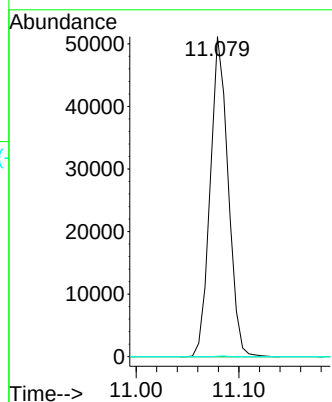
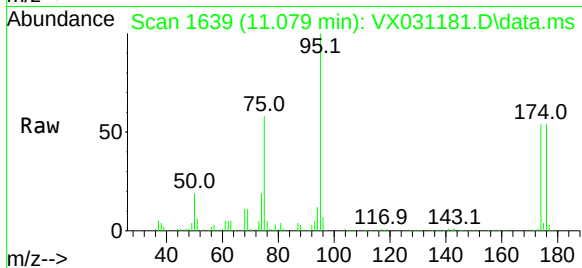




#81
trans-1,4-Dichloro-2-butene
Concen: 142.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

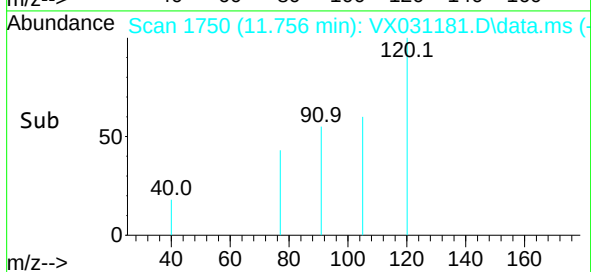
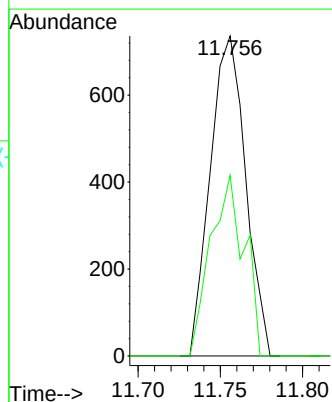
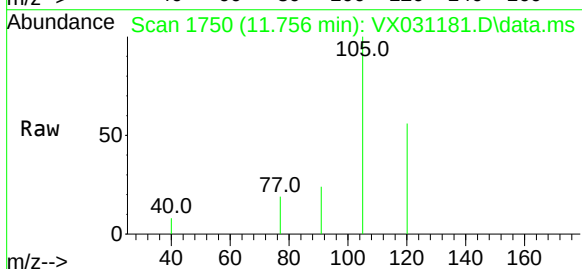
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

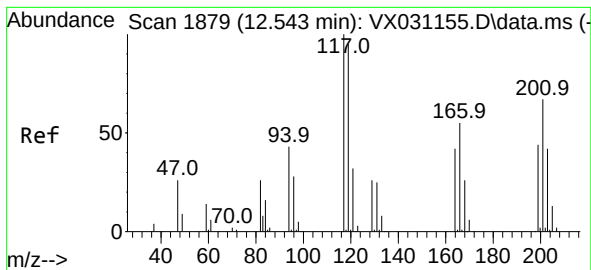
Tgt Ion: 75 Resp: 61971
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.302 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 105 Resp: 1103
Ion Ratio Lower Upper
105 100
120 53.9 22.9 68.8





#90

Hexachloroethane

Concen: 0.242 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.103 min

Lab File: VX031181.D

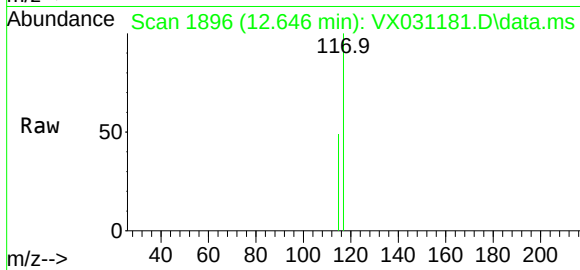
Acq: 07 Sep 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

MW-40DL



Tgt Ion:117 Resp: 154

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#

