

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018502.D
 Acq On : 18 Sep 2020 18:57
 Operator : JC/SP
 Sample : L4058-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Sep 21 03:36:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	509575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	845490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	803944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	395197	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	348437	48.34	ug/l	0.00
Spiked Amount						
			Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	274905	47.03	ug/l	0.00
Spiked Amount						
			Recovery	=	94.06%	
50) Toluene-d8	8.70	98	1018040	47.94	ug/l	0.00
Spiked Amount						
			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.12	95	395949	46.87	ug/l	0.00
Spiked Amount						
			Recovery	=	93.74%	

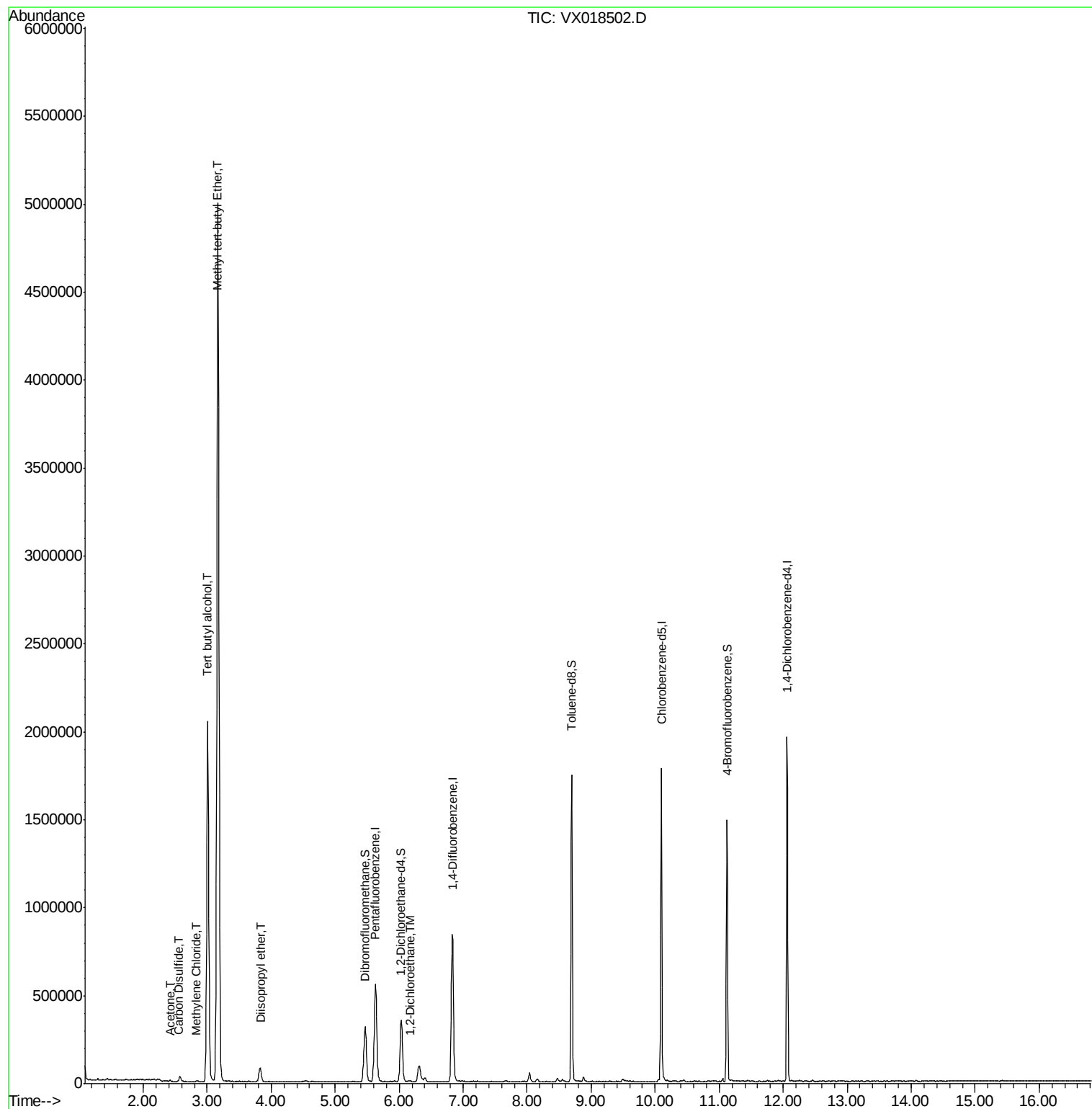
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	2529835	2016.952	ug/l	99
16) Acetone	2.42	43	9407	3.412	ug/l	93
17) Carbon Disulfide	2.56	76	5309	0.360	ug/l #	91
19) Methyl tert-butyl Ether	3.17	73	5568764	321.458	ug/l	98
20) Methylene Chloride	2.83	84	3291	0.541	ug/l #	82
22) Diisopropyl ether	3.83	45	86100	4.790	ug/l #	78
42) 1,2-Dichloroethane	6.17	62	7232	0.790	ug/l	92

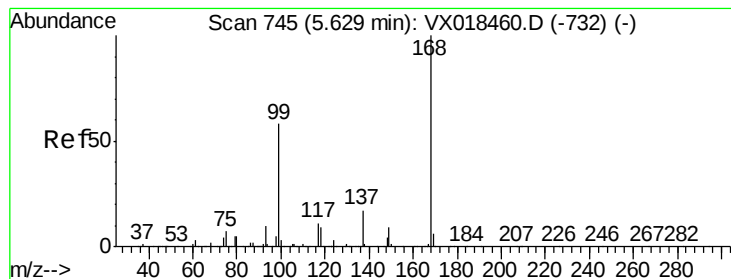
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091820\
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018502.D

Acq: 18 Sep 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

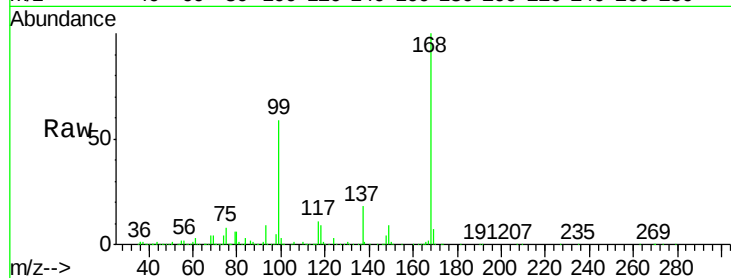
MW-7

Tot Ion:168 Resp: 509575

Ion Ratio Lower Upper

168 100

99 59.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

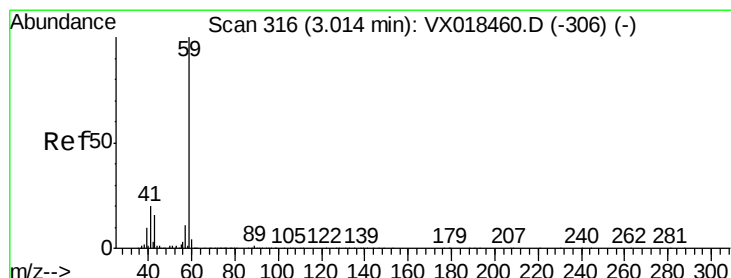
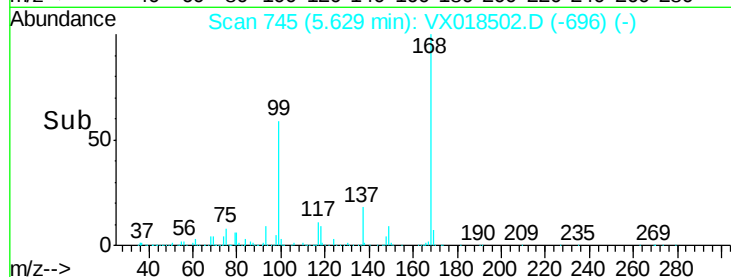
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2016.952 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018502.D

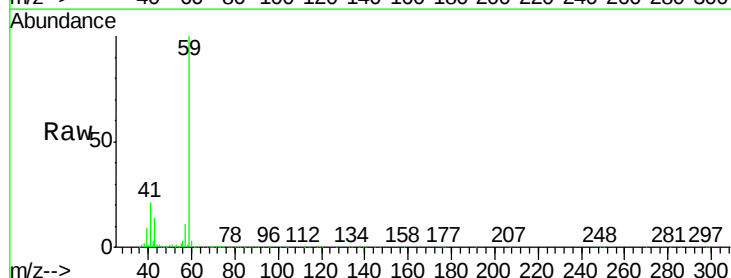
Acq: 18 Sep 2020 18:57

Tgt Ion: 59 Resp: 2529835

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

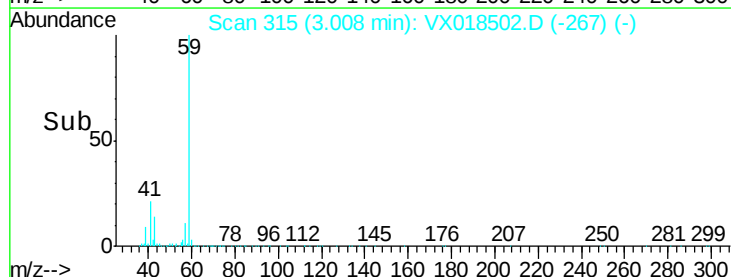
3.01

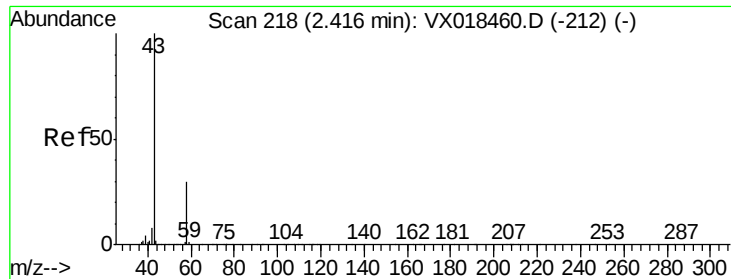
1000000

500000

0

Time-->





#16

Acetone

Concen: 3.412 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018502.D

Acq: 18 Sep 2020 18:57

Instrument :

MSVOA_X

ClientSampled :

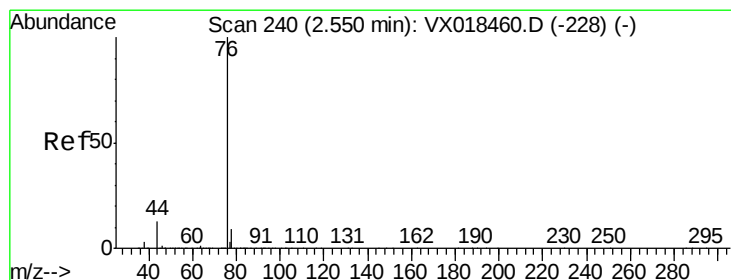
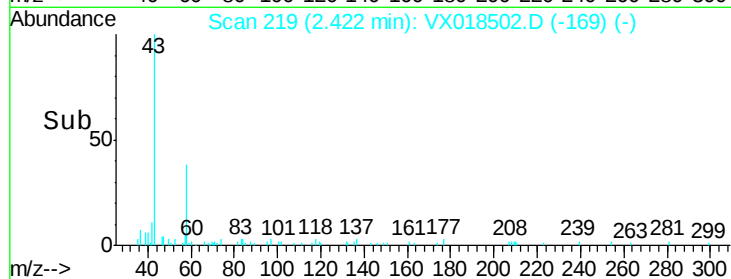
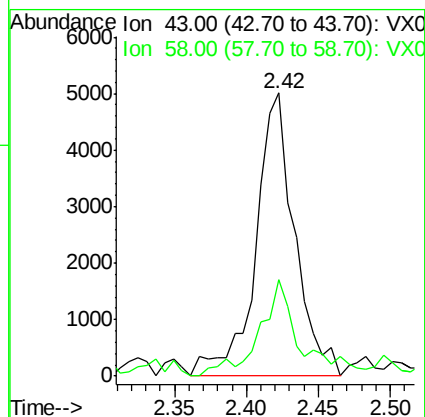
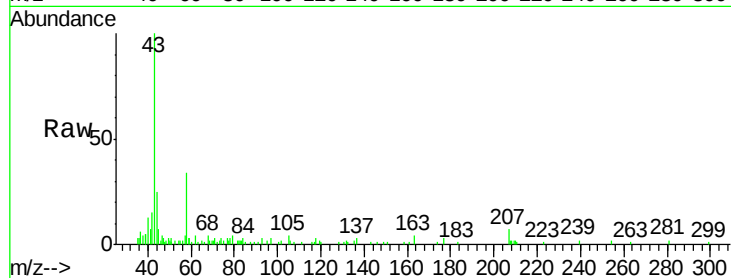
MW-7

Tot Ion: 43 Resp: 9407

Ion Ratio Lower Upper

43 100

58 33.9 24.0 36.0



#17

Carbon Disulfide

Concen: 0.360 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018502.D

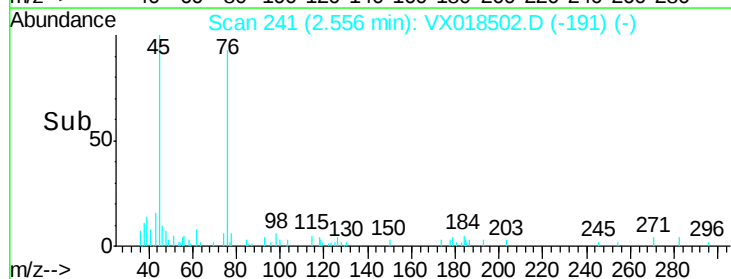
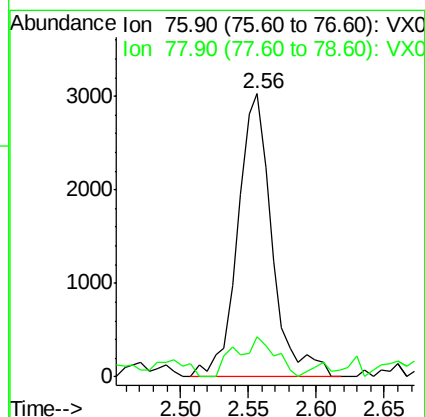
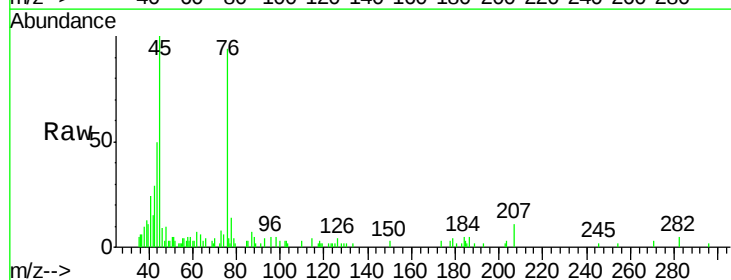
Acq: 18 Sep 2020 18:57

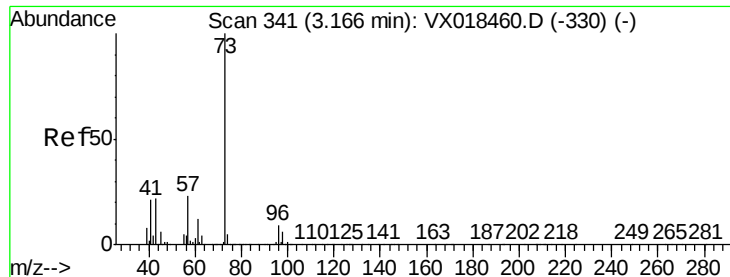
Tgt Ion: 76 Resp: 5309

Ion Ratio Lower Upper

76 100

78 12.0 7.0 10.4#





#19

Methyl tert-butyl Ether
 Concen: 321.458 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018502.D
 Acq: 18 Sep 2020 18:57

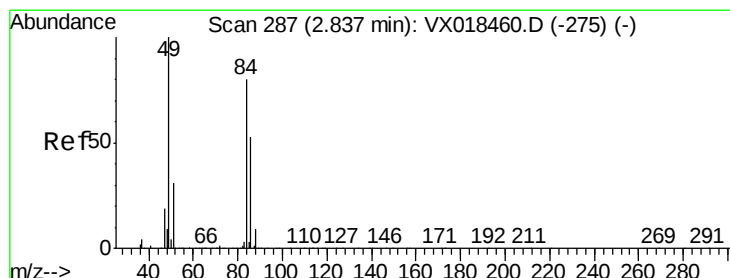
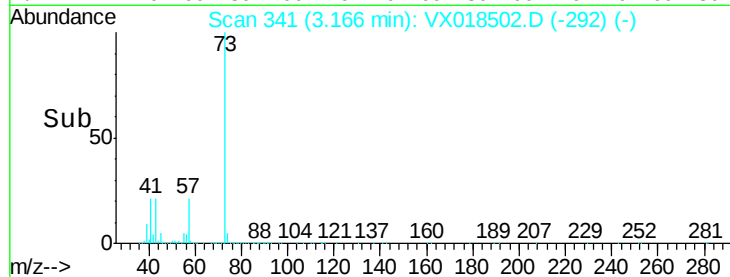
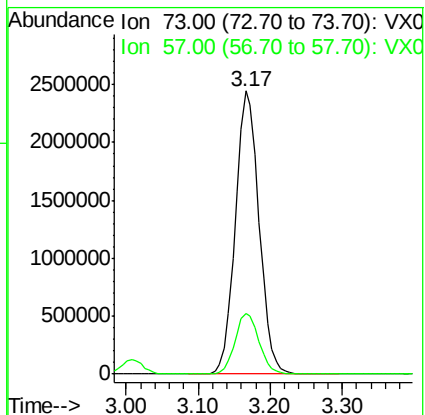
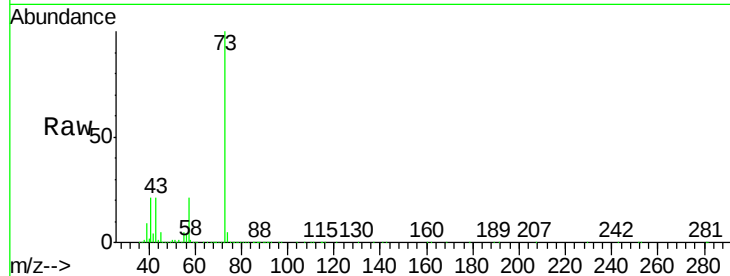
Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

Tot Ion: 73 Resp: 5568764

Ion Ratio Lower Upper

73 100

57 21.5 18.0 27.0



#20

Methylene Chloride
 Concen: 0.541 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018502.D
 Acq: 18 Sep 2020 18:57

Tgt Ion: 84 Resp: 3291

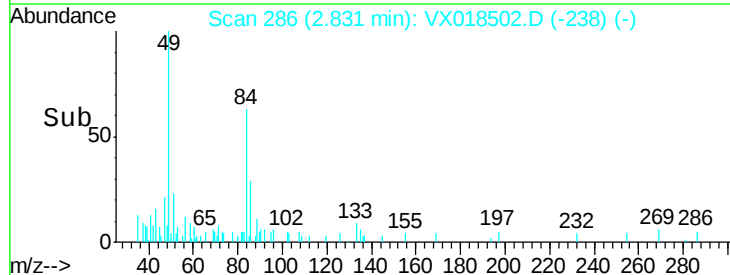
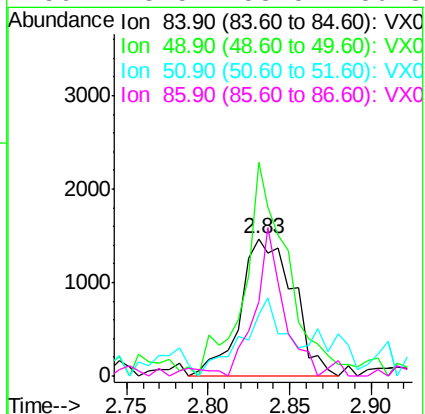
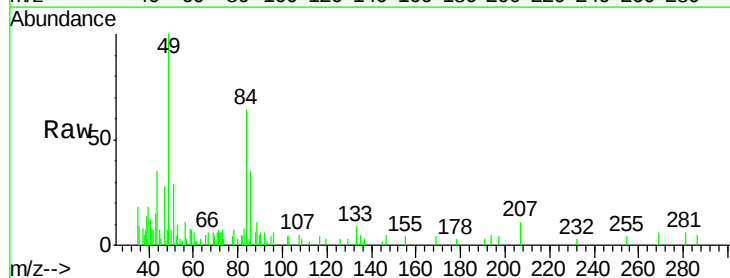
Ion Ratio Lower Upper

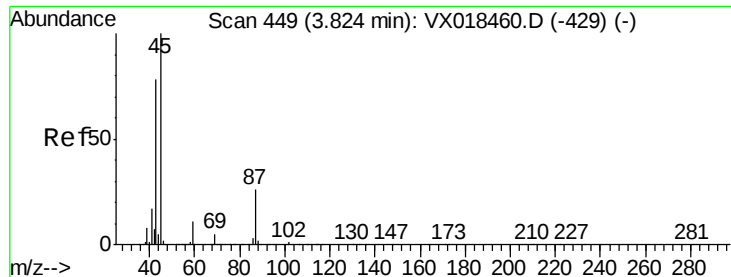
84 100

49 148.7 100.6 151.0

51 37.2 30.9 46.3

86 48.5 53.5 80.3#

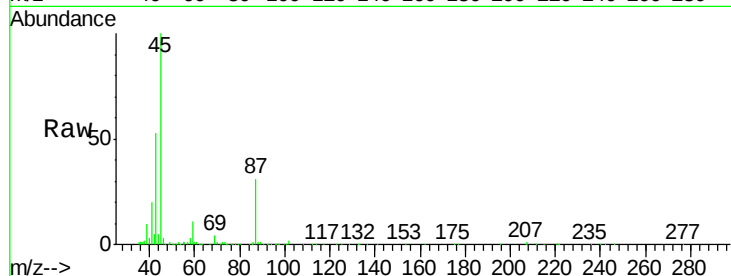




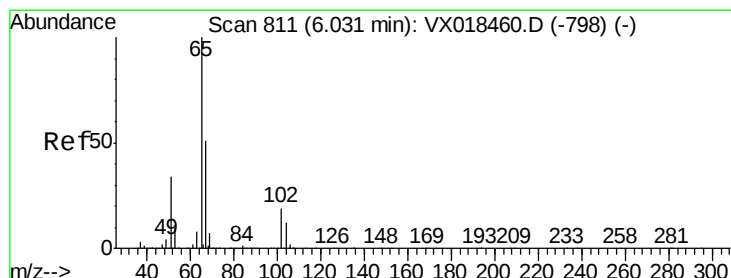
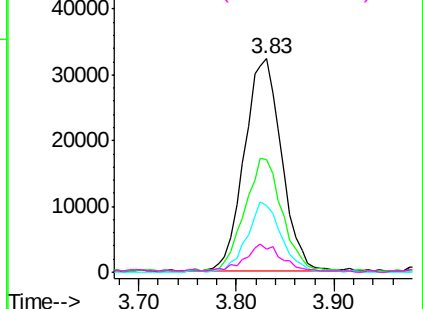
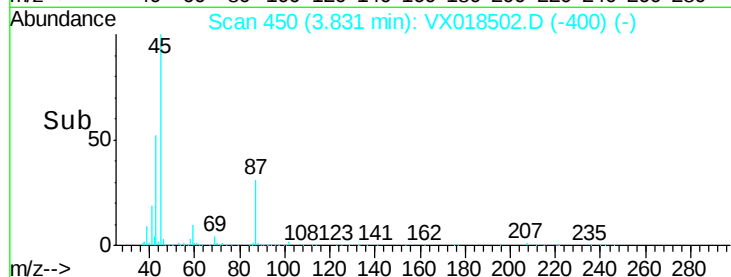
#22
Diisopropyl ether
Concen: 4.790 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX018502.D
Acq: 18 Sep 2020 18:57

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tot Ion:	45	Resp:	86100
Ion	Ratio	Lower	Upper
45	100		
43	52.3	62.4	93.6#
87	30.9	21.2	31.8
59	10.1	8.9	13.3

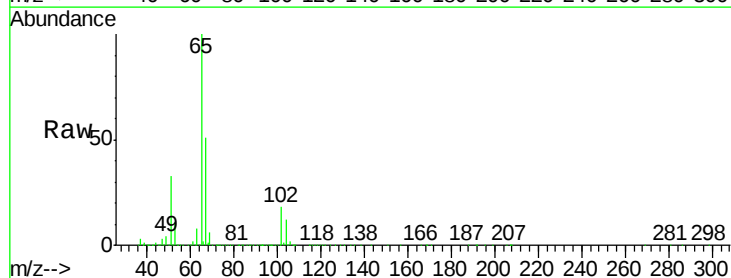


Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

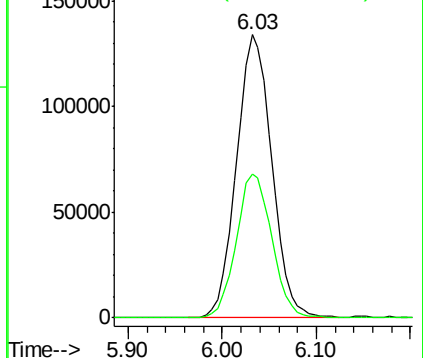
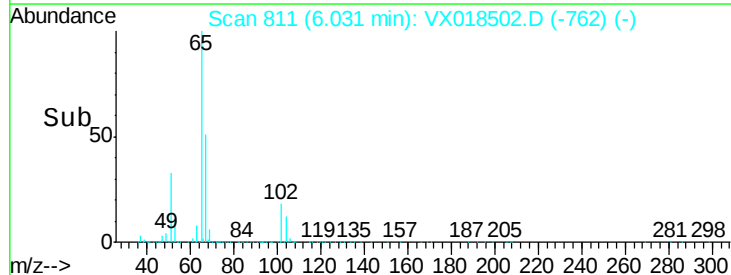


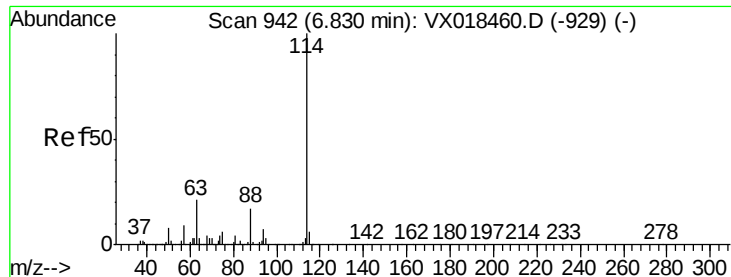
#33
1,2-Dichloroethane-d4
Concen: 48.335 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018502.D
Acq: 18 Sep 2020 18:57

Tgt Ion:	65	Resp:	348437
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018502.D

Acq: 18 Sep 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

MW-7

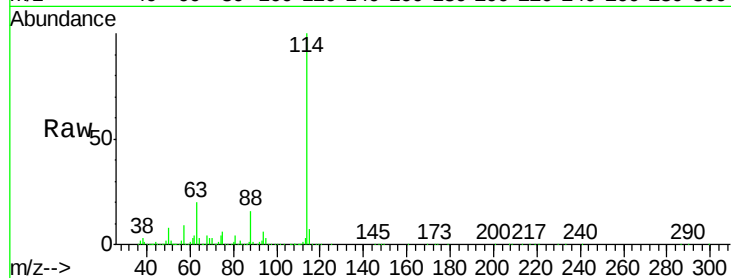
Tot Ion:114 Resp: 845490

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

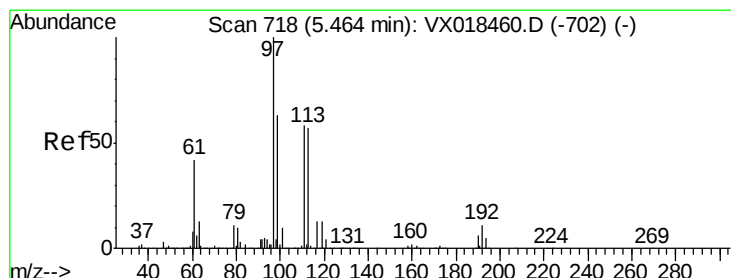
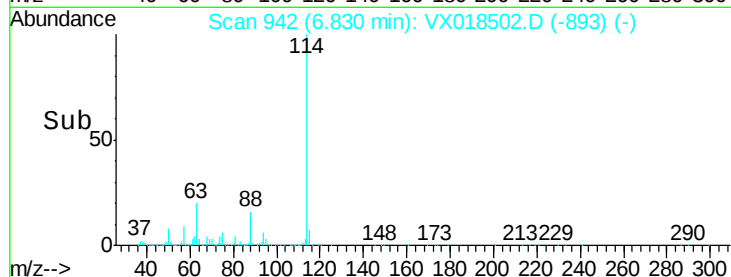
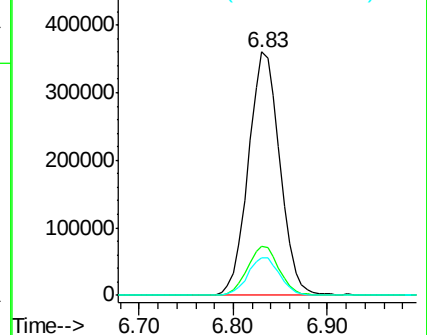
88 15.5 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.032 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018502.D

Acq: 18 Sep 2020 18:57

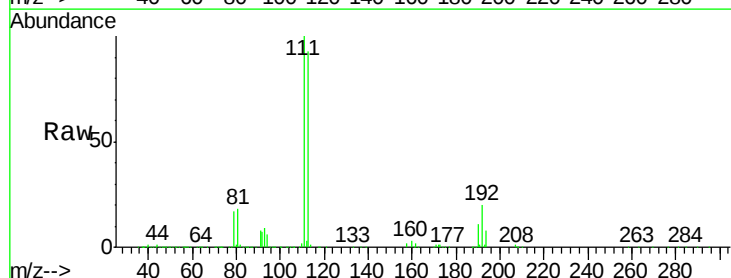
Tgt Ion:113 Resp: 274905

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

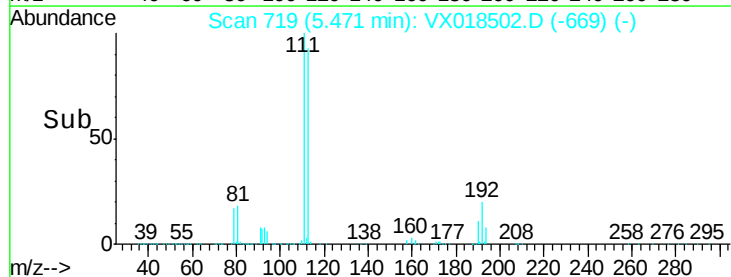
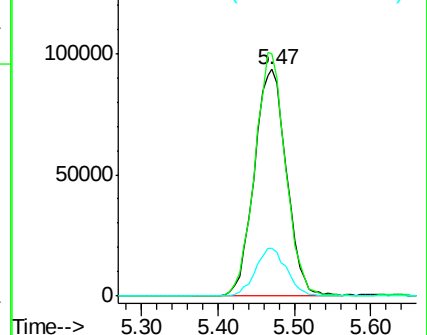
192 20.6 16.6 24.8

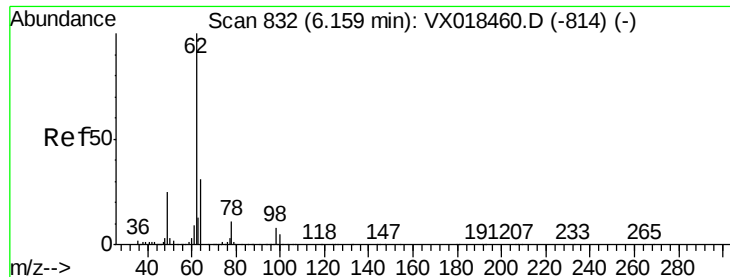


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 0.790 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018502.D

Acq: 18 Sep 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

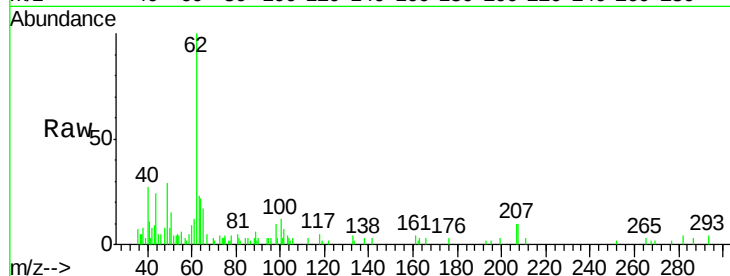
MW-7

Tot Ion: 62 Resp: 7232

Ion Ratio Lower Upper

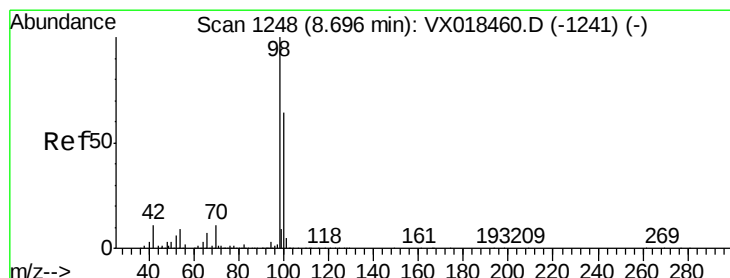
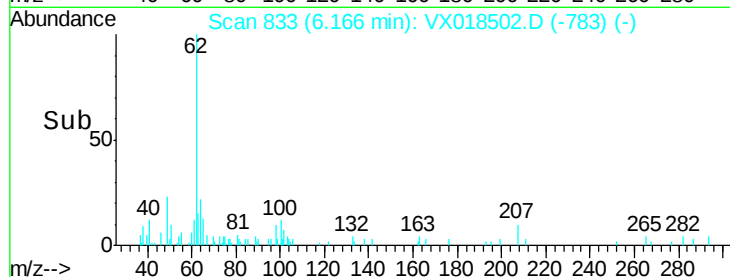
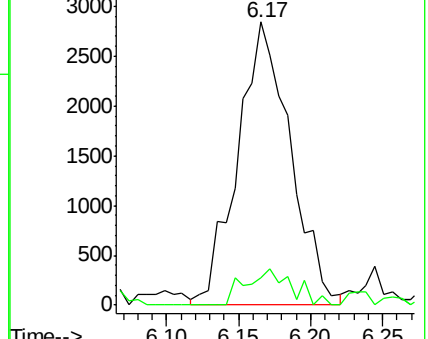
62 100

98 11.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#50

Toluene-d8

Concen: 47.937 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018502.D

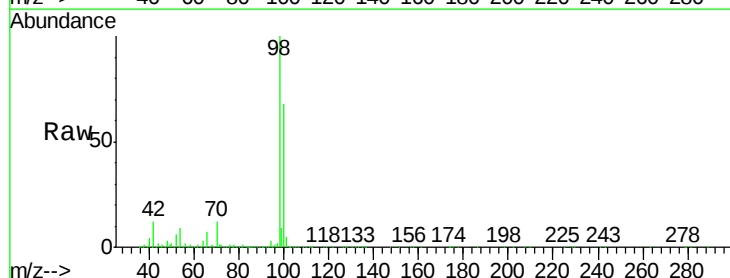
Acq: 18 Sep 2020 18:57

Tgt Ion: 98 Resp: 1018040

Ion Ratio Lower Upper

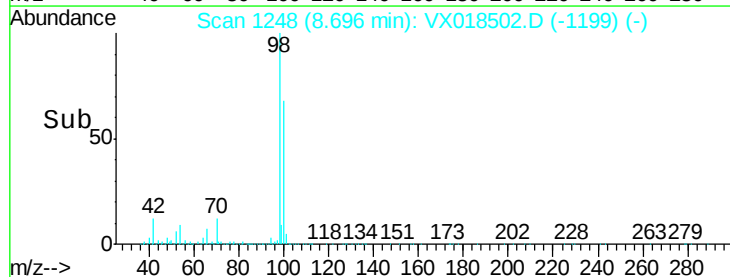
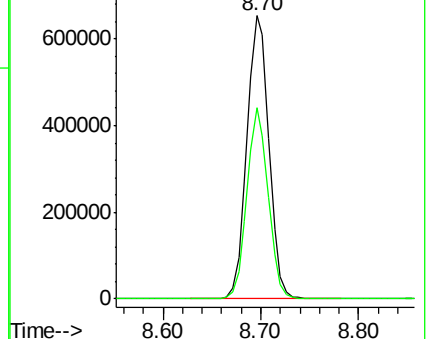
98 100

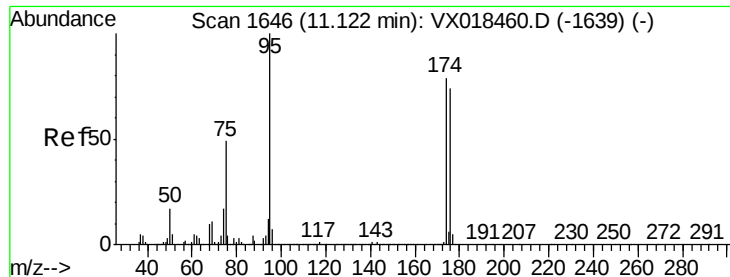
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

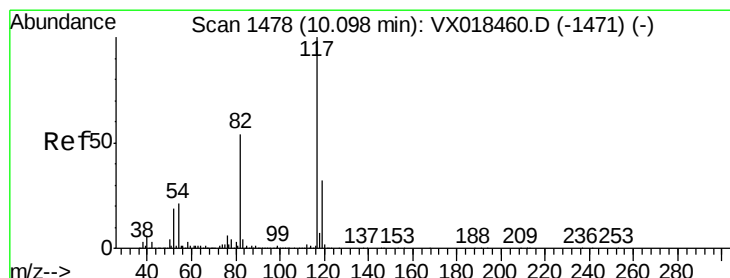
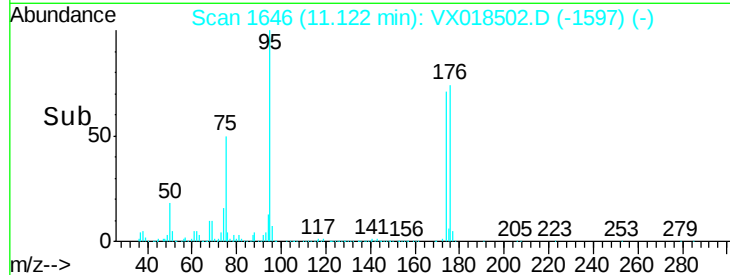
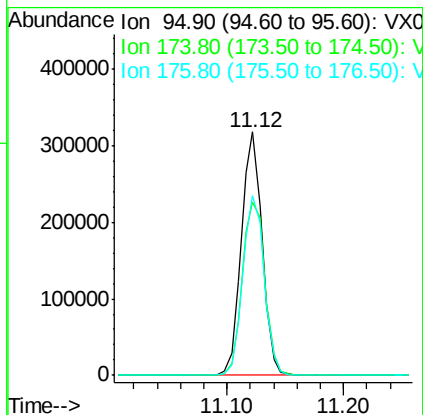
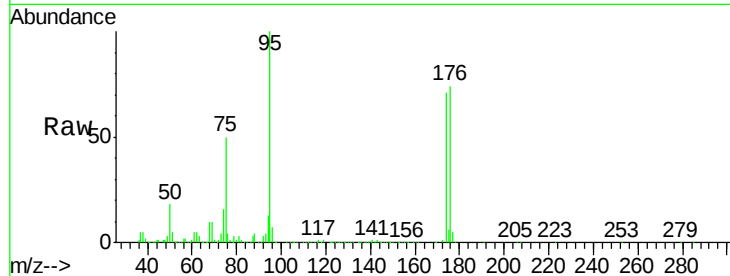




#62
4-Bromofluorobenzene
Concen: 46.872 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018502.D
Acq: 18 Sep 2020 18:57

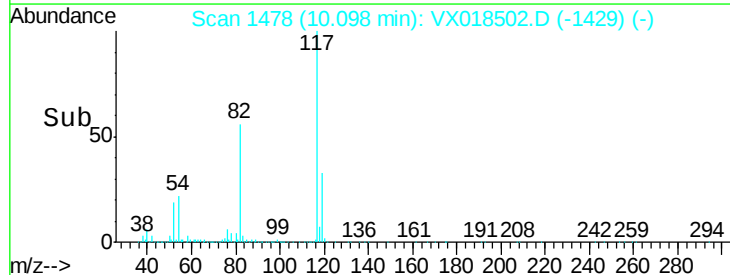
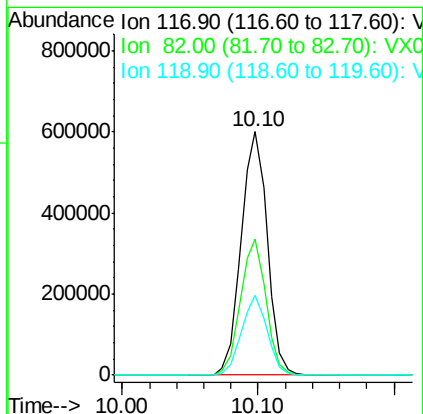
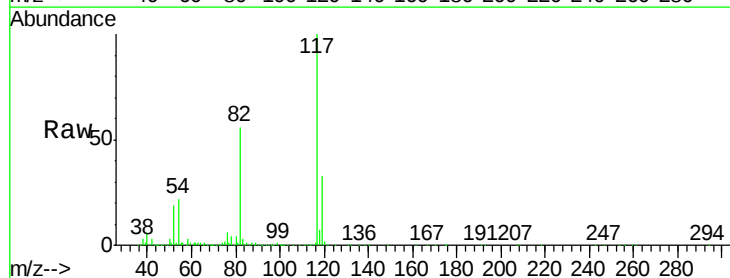
Instrument :
MSVOA_X
ClientSampleId :
MW-7

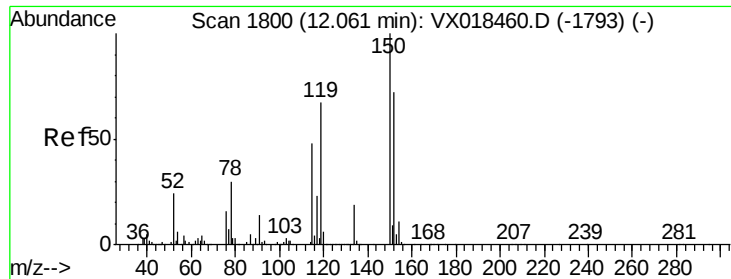
Tot Ion: 95 Resp: 395949
Ion Ratio Lower Upper
95 100
174 77.8 0.0 161.4
176 76.0 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018502.D
Acq: 18 Sep 2020 18:57

Tgt Ion: 117 Resp: 803944
Ion Ratio Lower Upper
117 100
82 55.9 43.3 64.9
119 32.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018502.D

Acq: 18 Sep 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

MW-7

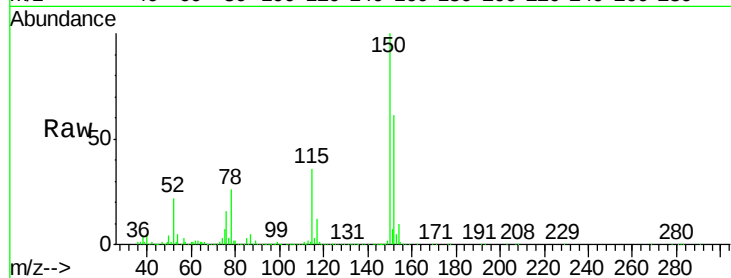
Tot Ion:152 Resp: 395197

Ion Ratio Lower Upper

152 100

115 60.0 41.8 125.4

150 159.7 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

