

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018499.D
 Acq On : 18 Sep 2020 17:48
 Operator : JC/SP
 Sample : L4058-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Sep 21 07:25:33 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

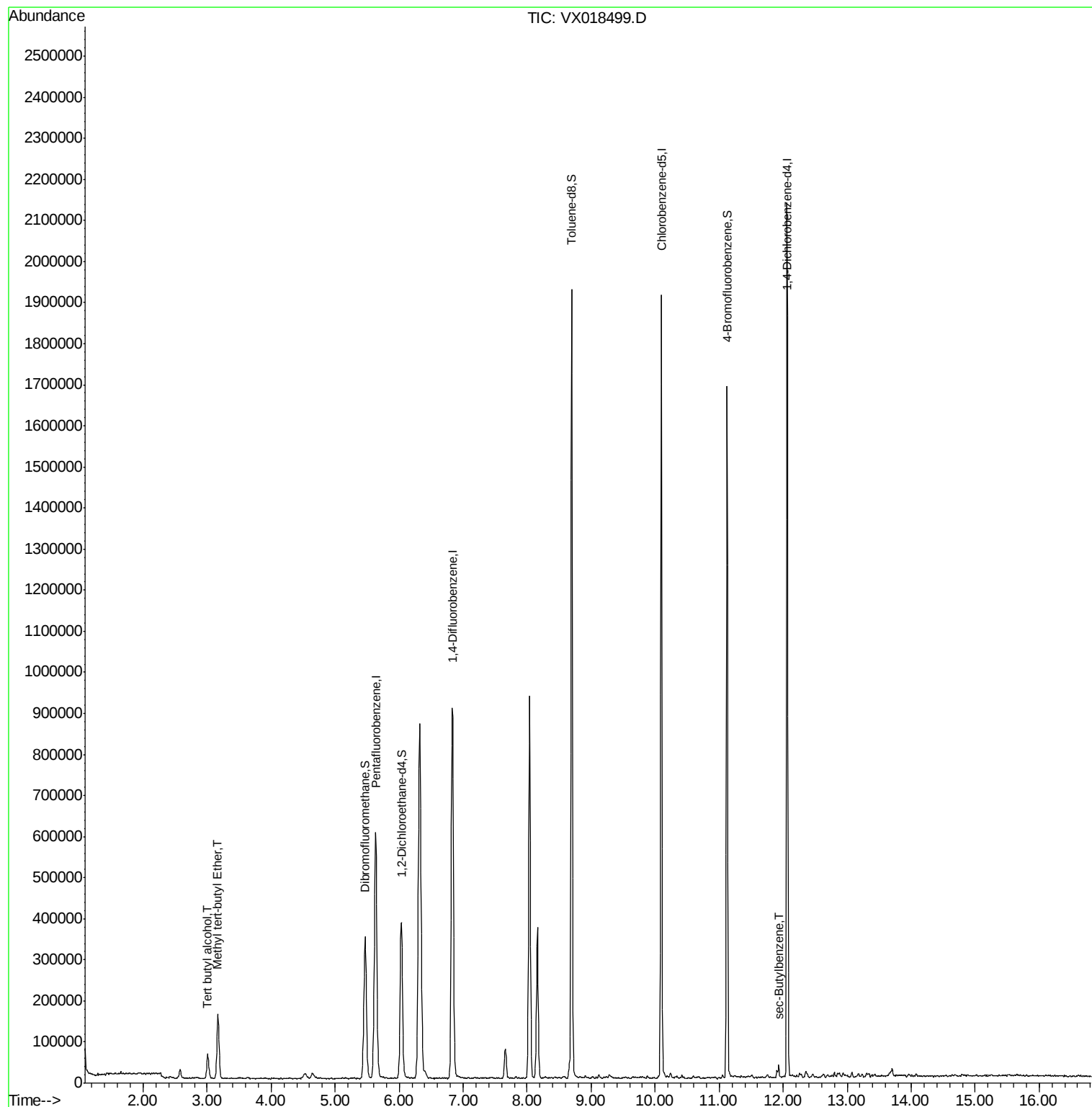
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	571937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	934121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	864797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	434797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	377003	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	304199	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
50) Toluene-d8	8.70	98	1122254	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.12	95	430584	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	73132	51.948	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	177996	9.155	ug/l	99
85) sec-Butylbenzene	11.93	105	13899	0.488	ug/l	94

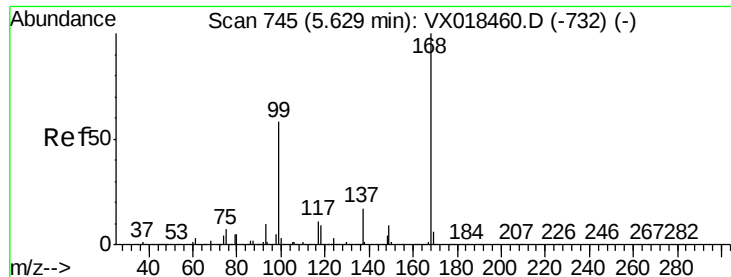
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 12:17:36 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018499.D

Acq: 18 Sep 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

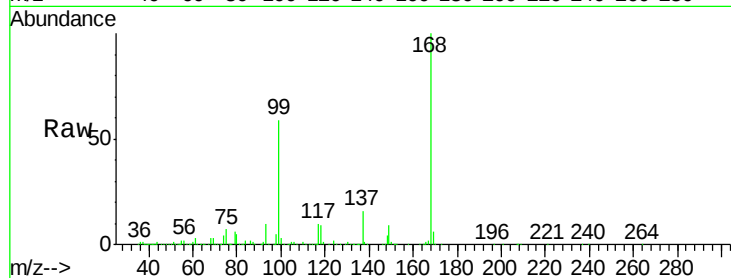
MW-2R

Tot Ion:168 Resp: 571937

Ion Ratio Lower Upper

168 100

99 59.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

100000

50000

0

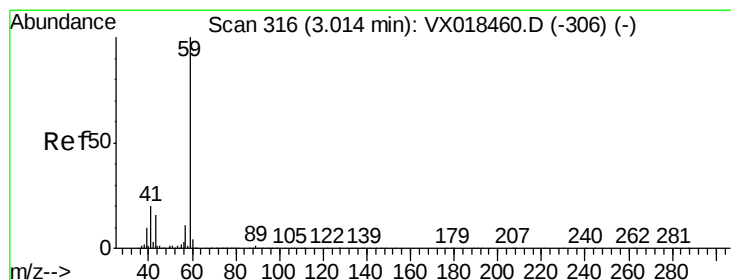
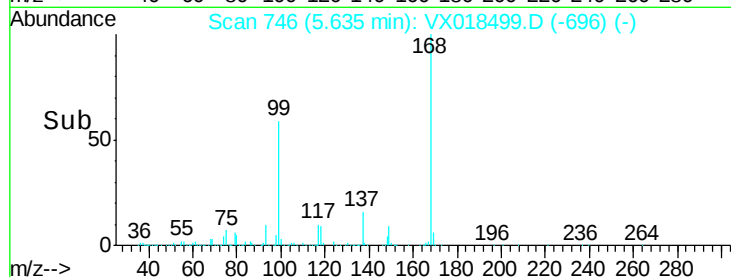
Time-->

5.50

5.60

5.70

5.80



#11

Tert butyl alcohol

Concen: 51.948 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018499.D

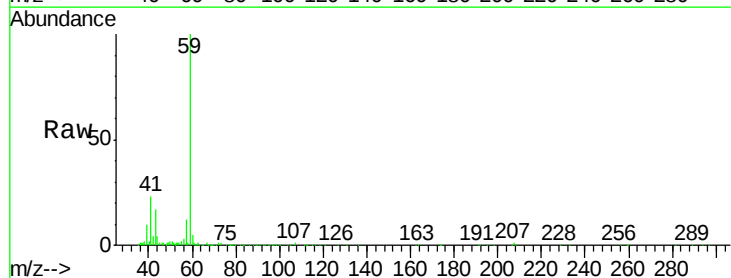
Acq: 18 Sep 2020 17:48

Tgt Ion: 59 Resp: 73132

Ion Ratio Lower Upper

59 100

57 12.3 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

30000

20000

10000

0

Time-->

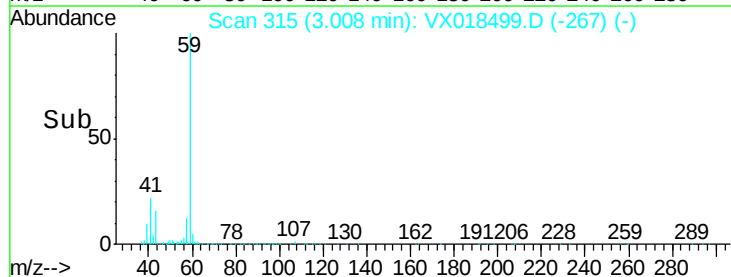
2.90

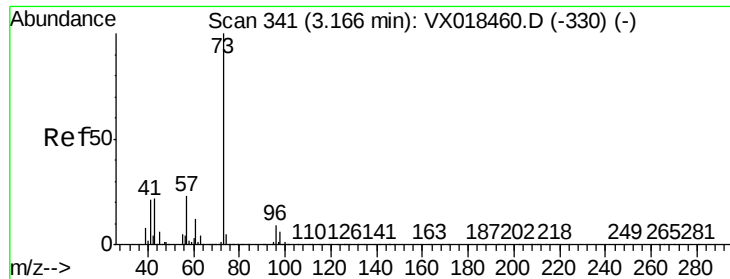
2.95

3.00

3.05

3.10



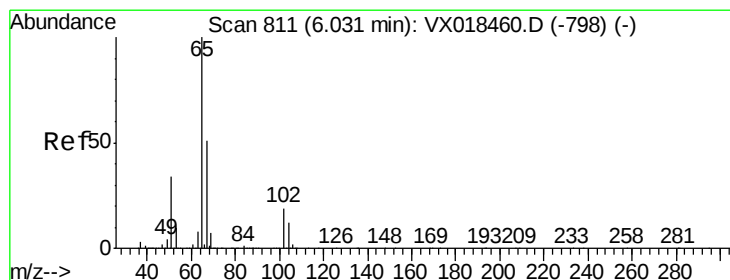
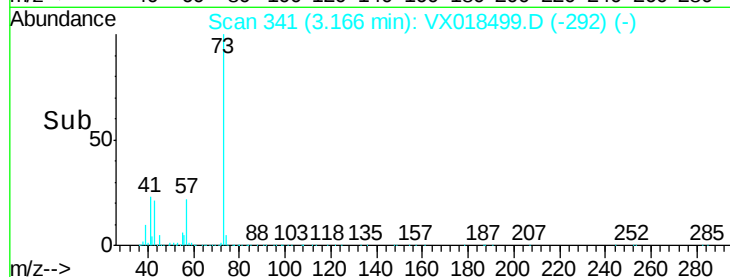
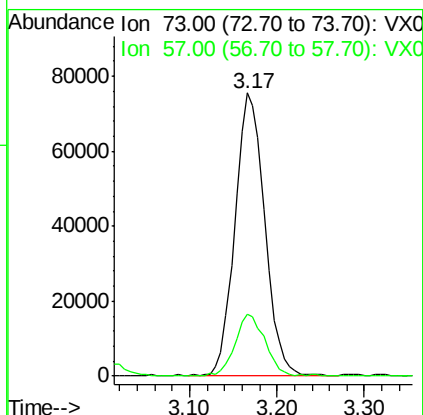
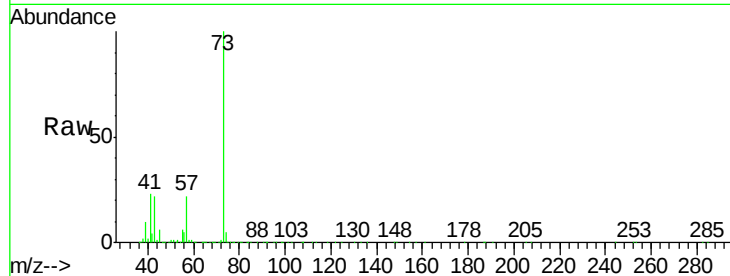


#19

Methvl tert-butvl Ether
 Concen: 9.155 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018499.D
 Acq: 18 Sep 2020 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

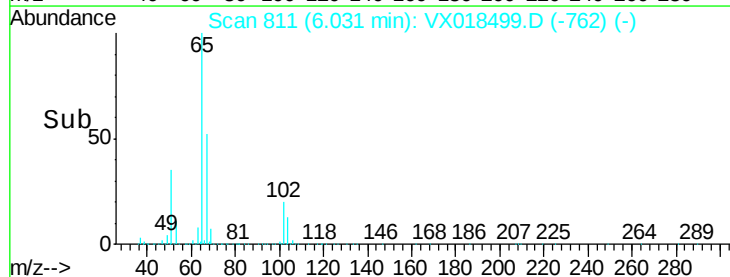
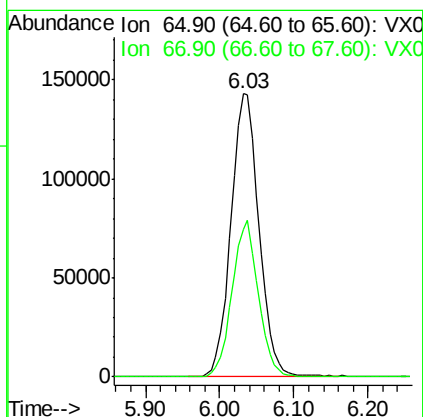
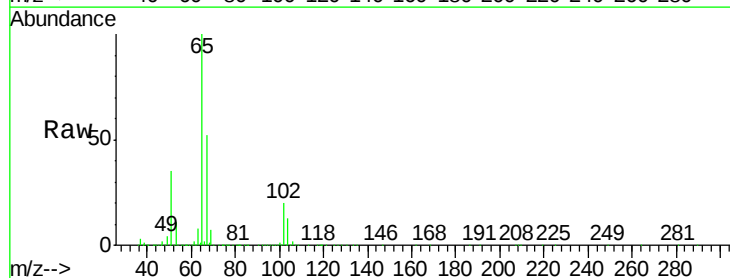
Tot Ion: 73 Resp: 177996
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.0 27.0

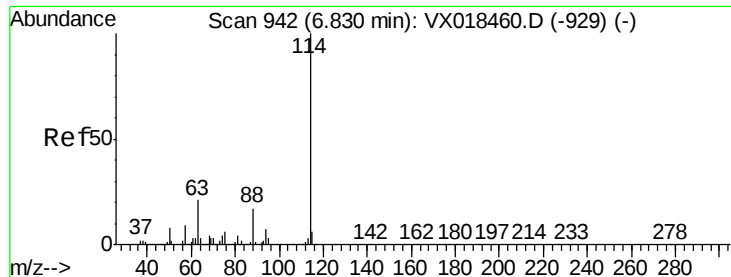


#33

1,2-Dichloroethane-d4
 Concen: 46.596 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018499.D
 Acq: 18 Sep 2020 17:48

Tgt Ion: 65 Resp: 377003
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018499.D

Acq: 18 Sep 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

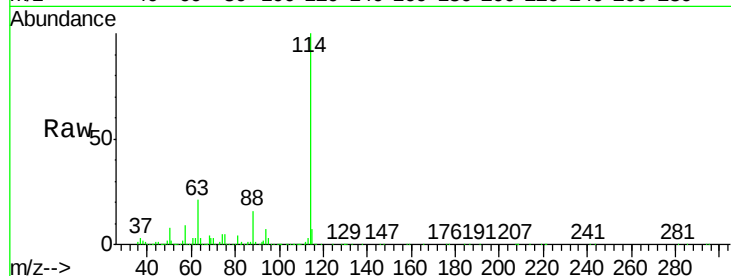
Tot Ion:114 Resp: 934121

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

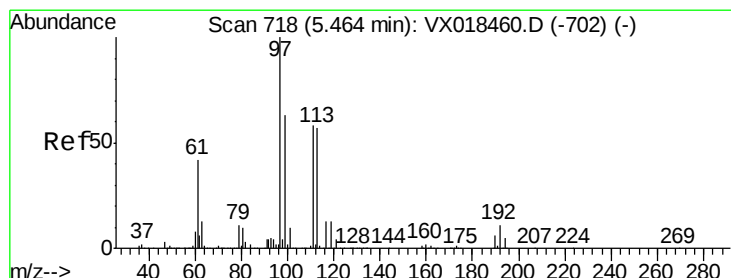
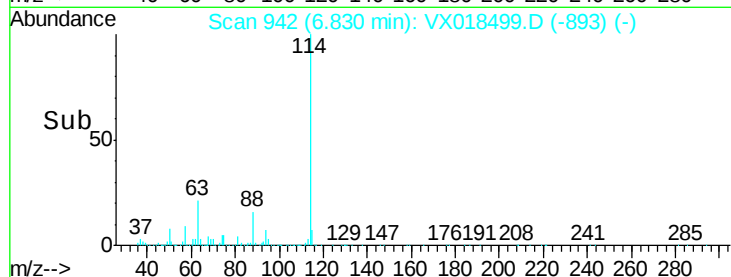
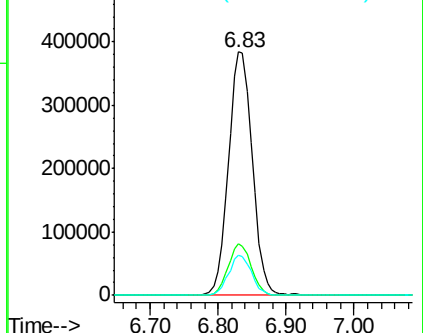
88 16.3 0.0 33.6



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: 47.106 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018499.D

Acq: 18 Sep 2020 17:48

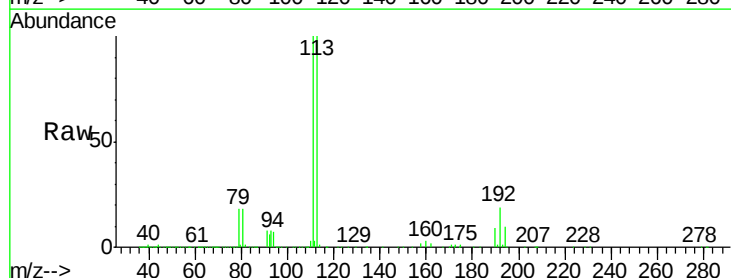
Tgt Ion:113 Resp: 304199

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

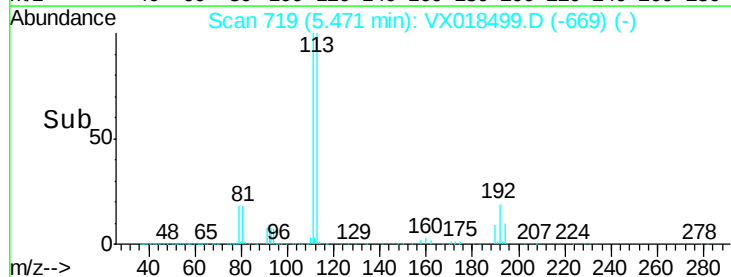
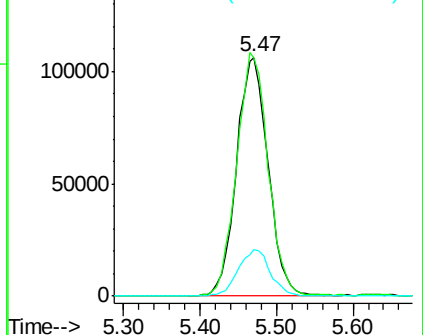
192 19.8 16.6 24.8

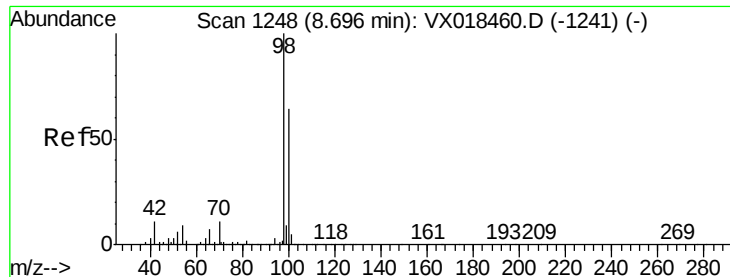


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.831 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018499.D

Acq: 18 Sep 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

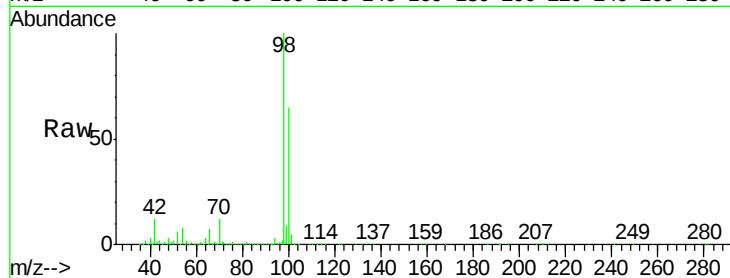
MW-2R

Tot Ion: 98 Resp: 1122254

Ion Ratio Lower Upper

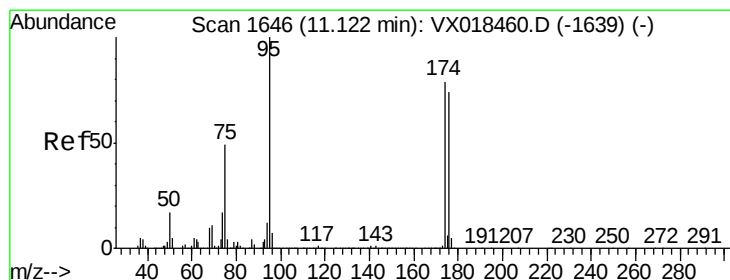
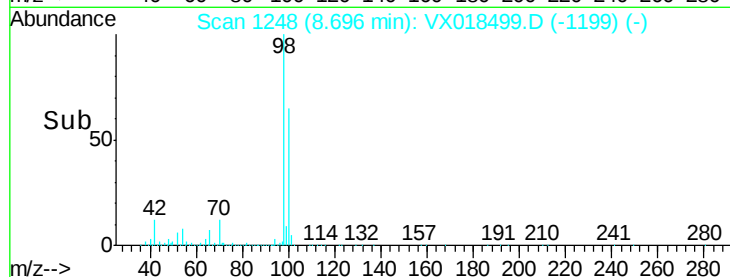
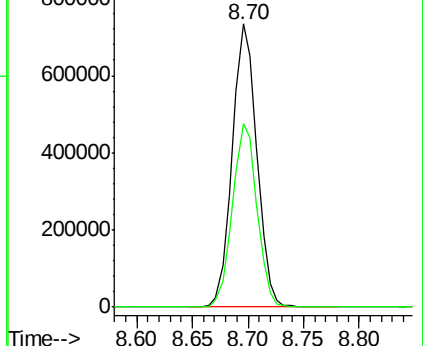
98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.135 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018499.D

Acq: 18 Sep 2020 17:48

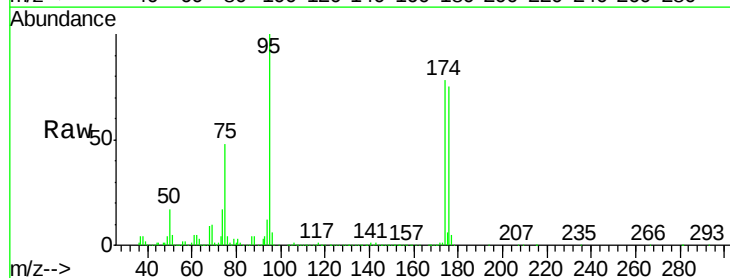
Tgt Ion: 95 Resp: 430584

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.4

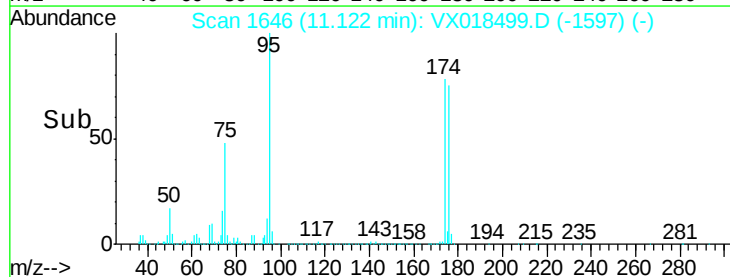
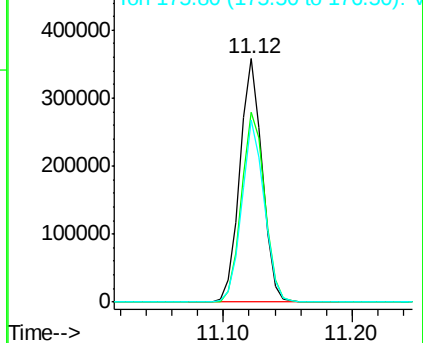
176 74.9 0.0 151.4

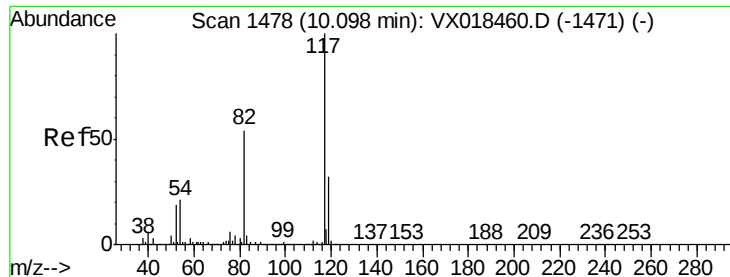


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

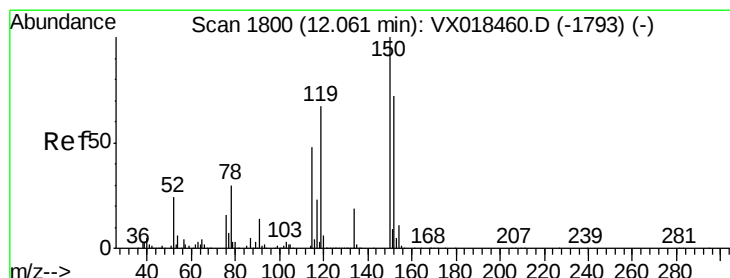
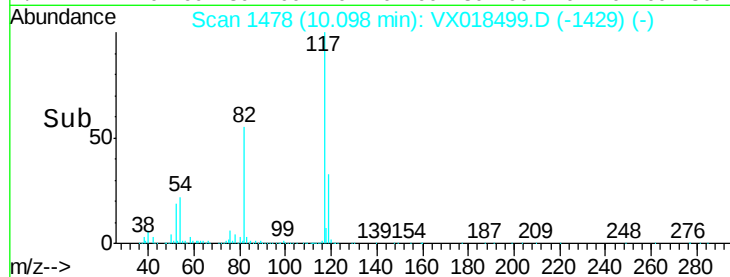
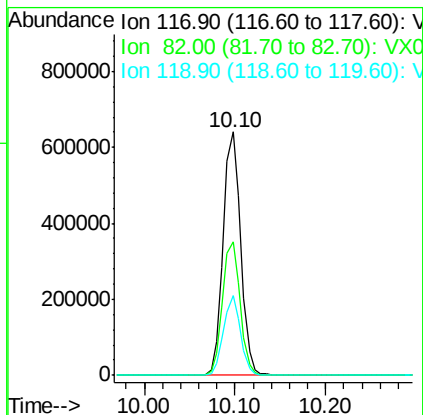
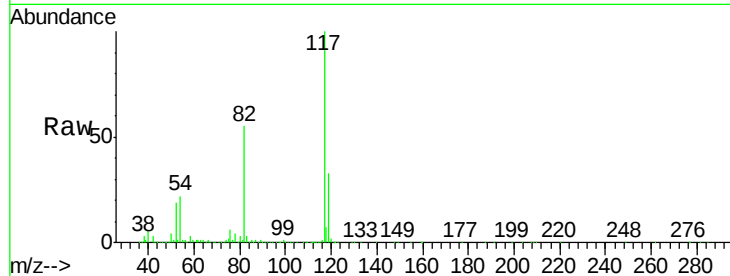




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018499.D
Acq: 18 Sep 2020 17:48

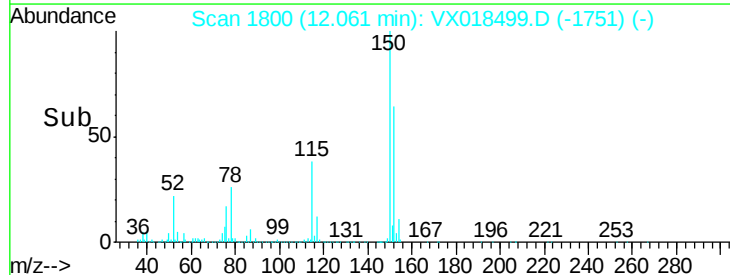
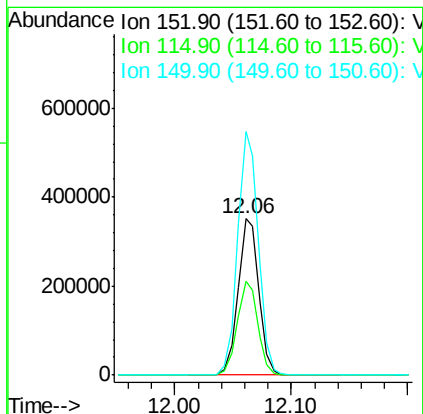
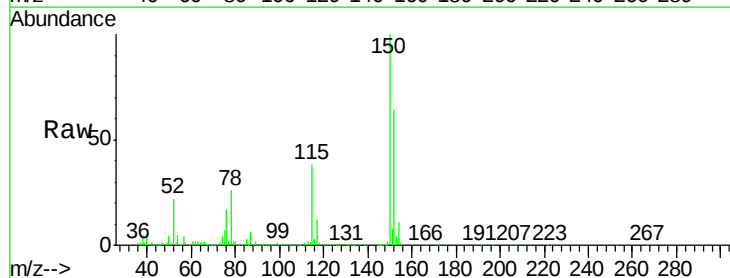
Instrument :
MSVOA_X
ClientSampled :
MW-2R

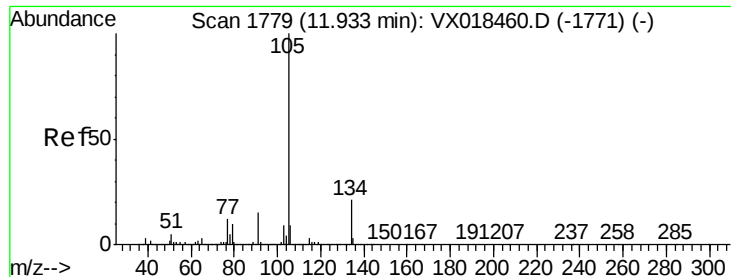
Tot Ion:117 Resp: 864797
Ion Ratio Lower Upper
117 100
82 54.6 43.3 64.9
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018499.D
Acq: 18 Sep 2020 17:48

Tgt Ion:152 Resp: 434797
Ion Ratio Lower Upper
152 100
115 59.7 41.8 125.4
150 155.5 0.0 342.4





#85
 sec-Butylbenzene
 Concen: 0.488 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018499.D
 Acq: 18 Sep 2020 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Tot Ion:105 Resp: 13899
 Ion Ratio Lower Upper
 105 100
 134 23.0 10.2 30.4

