

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012947.D
 Acq On : 09 Oct 2019 16:55
 Operator : JC/SP
 Sample : K5234-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0007A

Quant Time: Oct 10 04:23:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

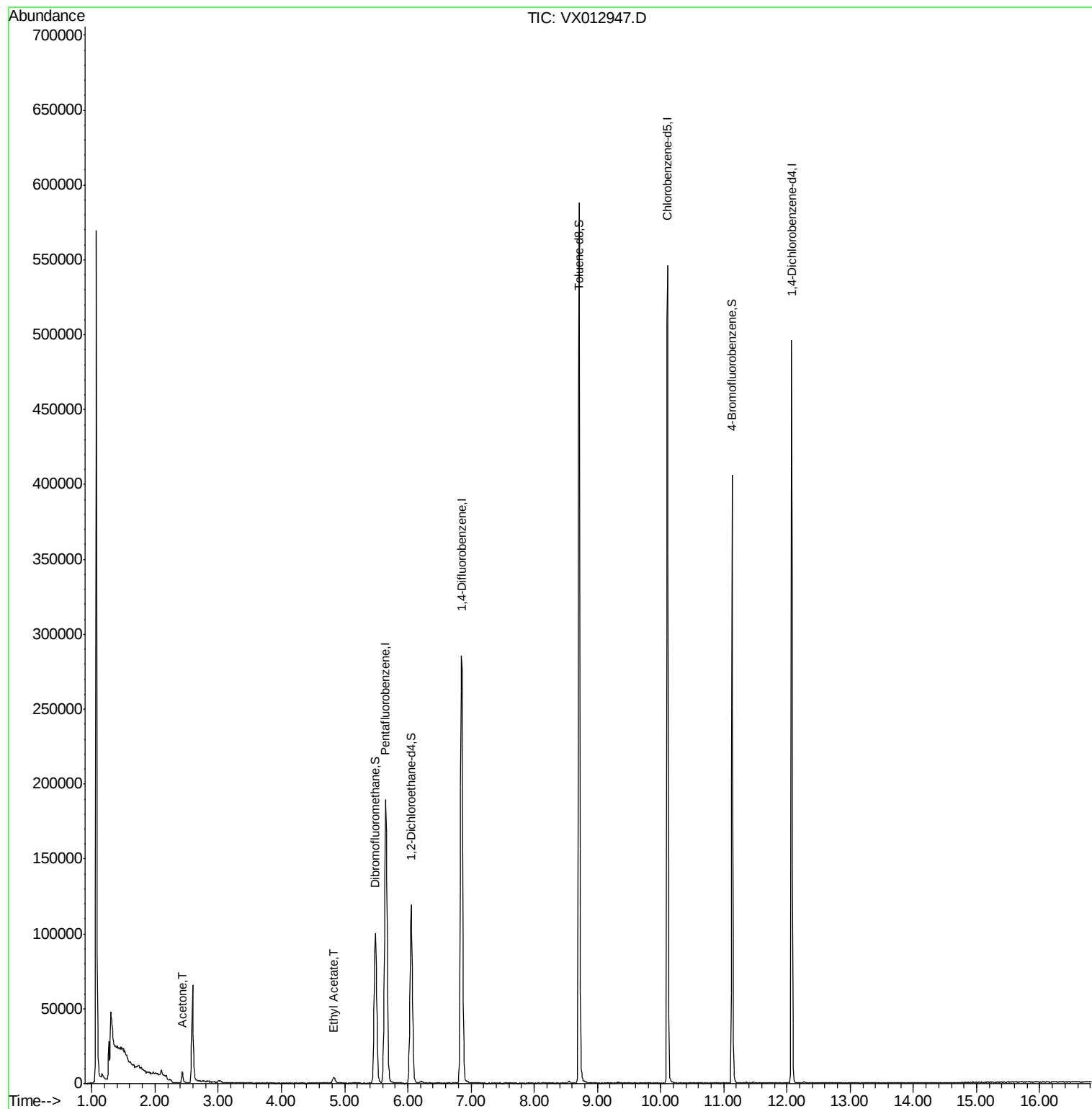
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114163	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	5.48	113	87645	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	8.71	98	343476	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	115986	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
16) Acetone	2.43	43	7826	6.780	ug/l	90
37) Ethyl Acetate	4.83	43	7263	2.536	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012947.D

Acq: 09 Oct 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

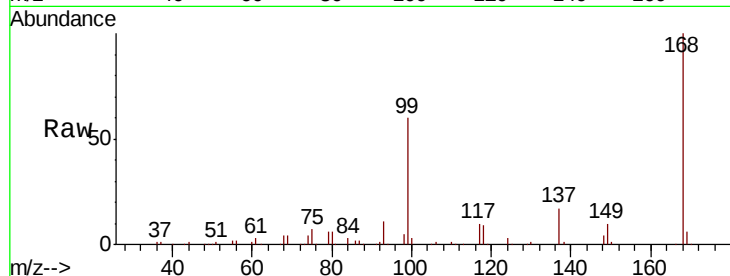
FA19-MMW0007A

Tot Ion:168 Resp: 175204

Ion Ratio Lower Upper

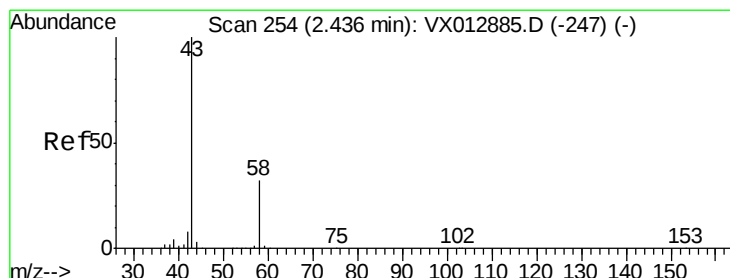
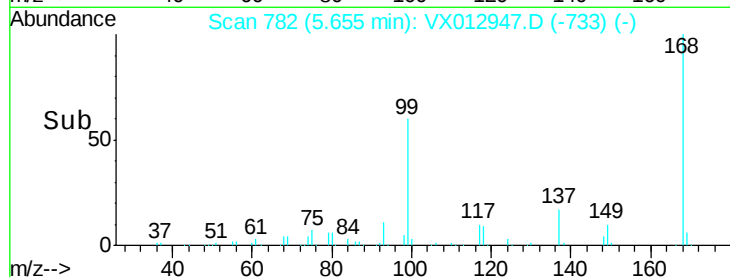
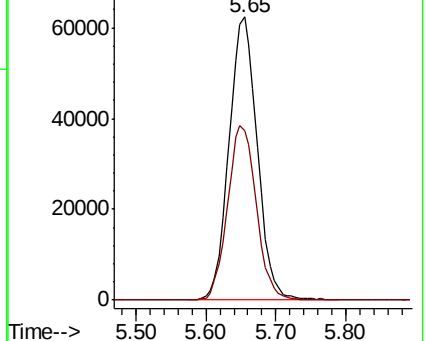
168 100

99 59.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.780 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012947.D

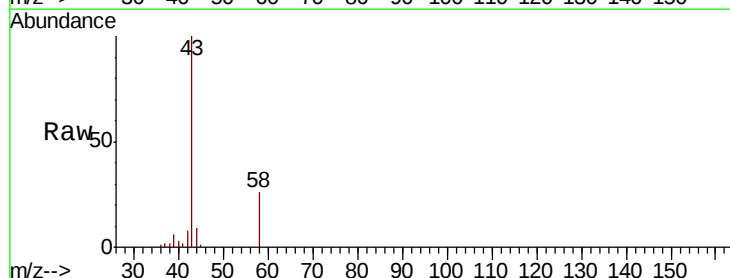
Acq: 09 Oct 2019 16:55

Tgt Ion: 43 Resp: 7826

Ion Ratio Lower Upper

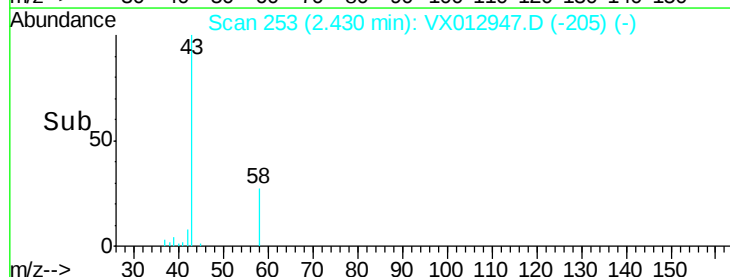
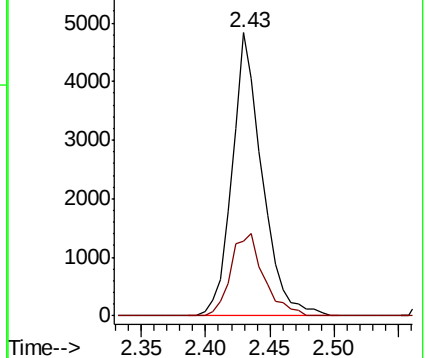
43 100

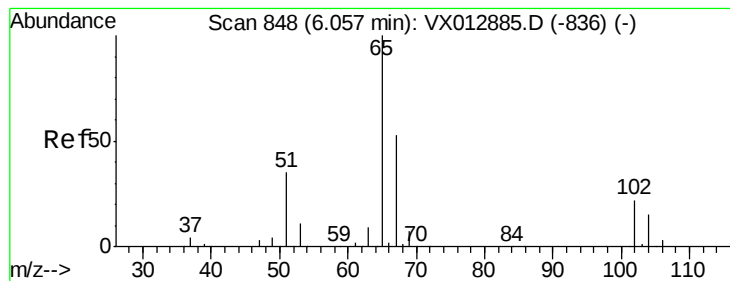
58 26.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.133 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX012947.D

Acq: 09 Oct 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

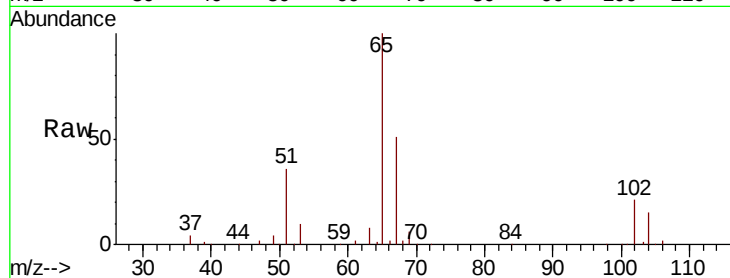
FA19-MMW0007A

Tot Ion: 65 Resp: 114163

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

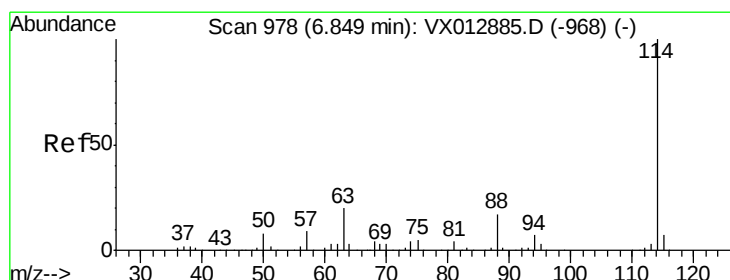
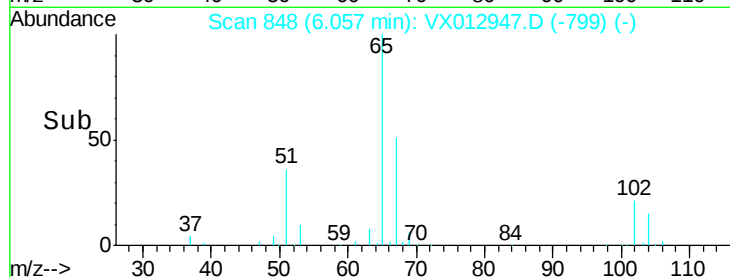
20000

10000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012947.D

Acq: 09 Oct 2019 16:55

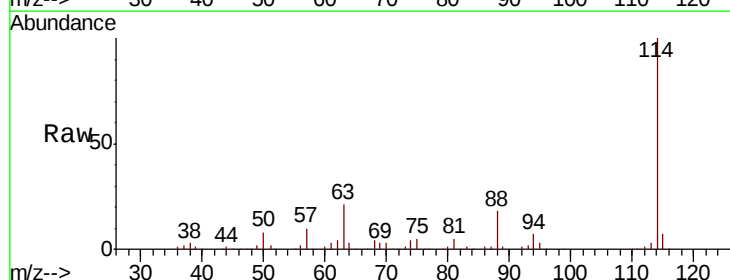
Tgt Ion: 114 Resp: 291309

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 17.6 0.0 33.8



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

150000

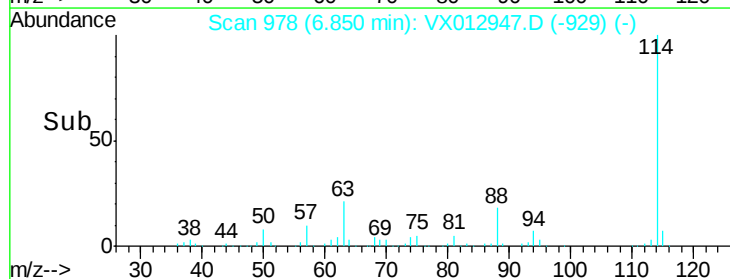
100000

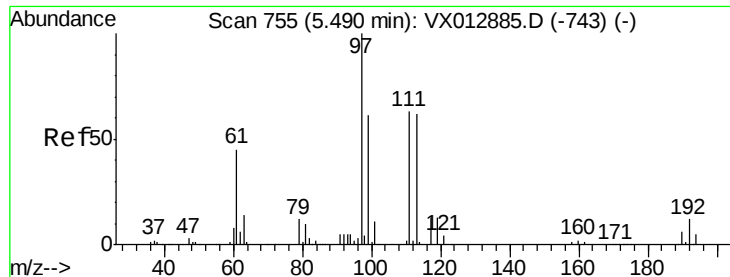
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.421 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012947.D

Acq: 09 Oct 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0007A

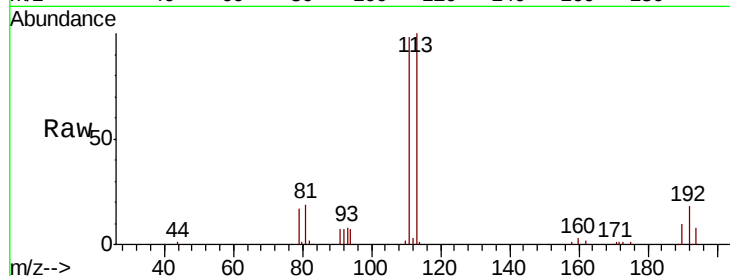
Tot Ion:113 Resp: 87645

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

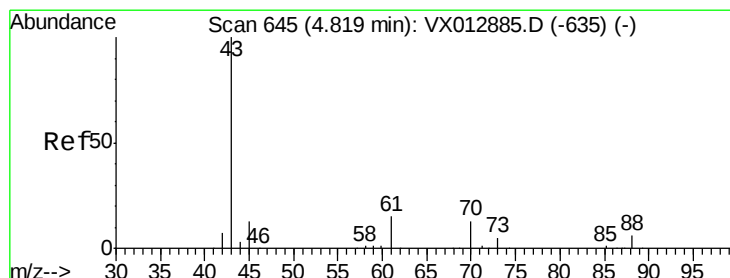
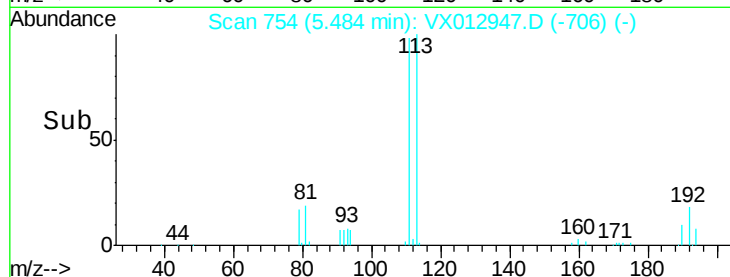
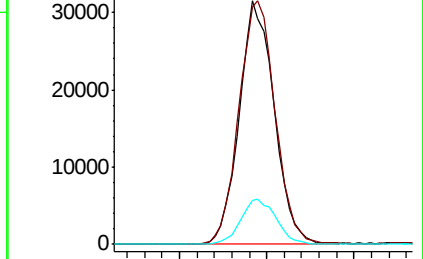
192 18.7 15.4 23.2



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



#37

Ethyl Acetate

Concen: 2.536 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012947.D

Acq: 09 Oct 2019 16:55

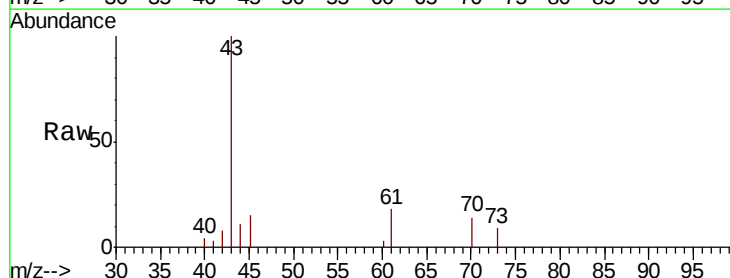
Tgt Ion: 43 Resp: 7263

Ion Ratio Lower Upper

43 100

61 16.5 11.4 17.0

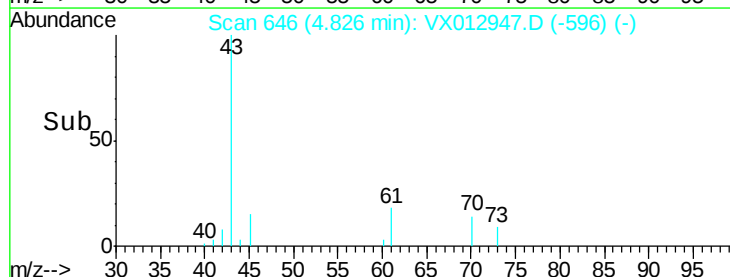
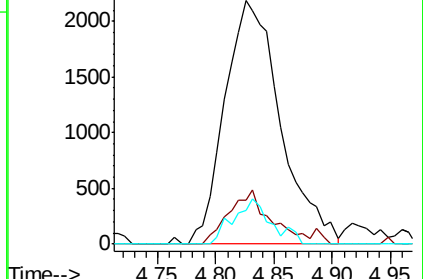
70 12.6 9.8 14.6

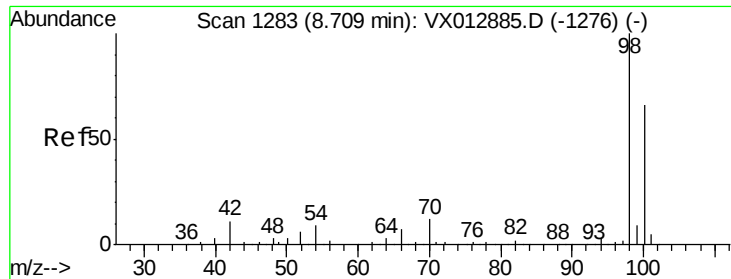


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

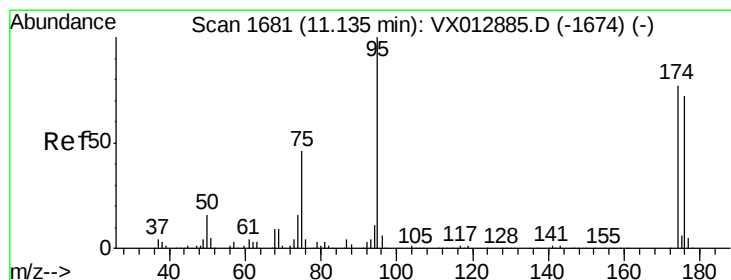
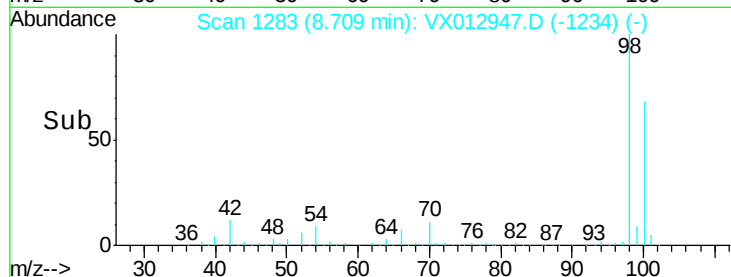
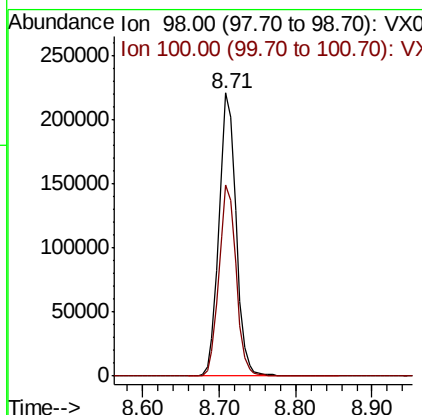
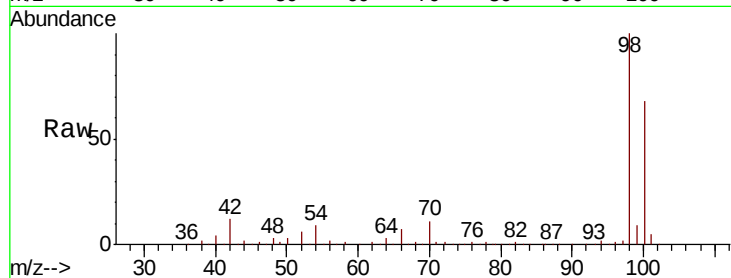




#50
Toluene-d8
Concen: 52.672 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012947.D
Acq: 09 Oct 2019 16:55

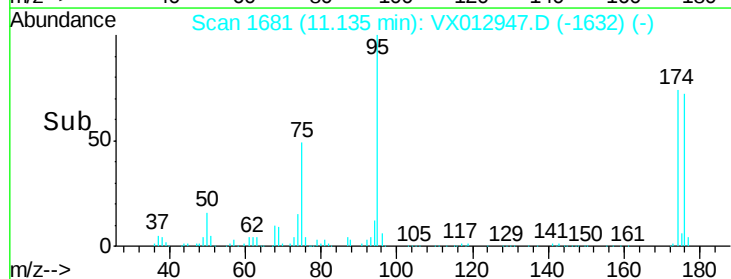
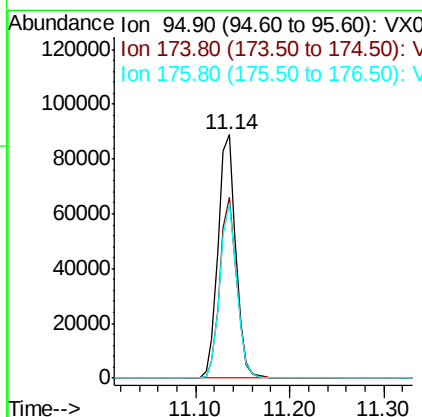
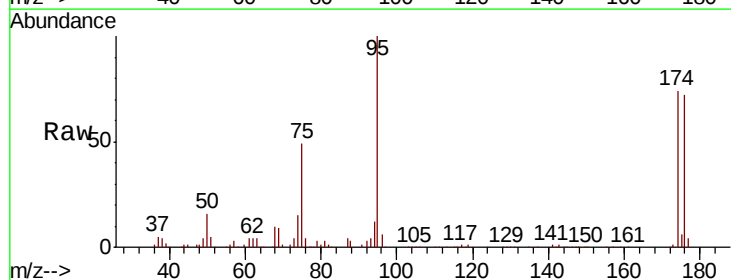
Instrument :
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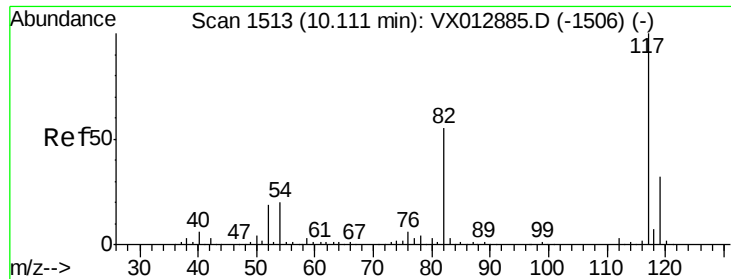
Tot Ion: 98 Resp: 343476
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 45.775 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012947.D
Acq: 09 Oct 2019 16:55

Tgt Ion: 95 Resp: 115986
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.4
176 69.2 0.0 136.0

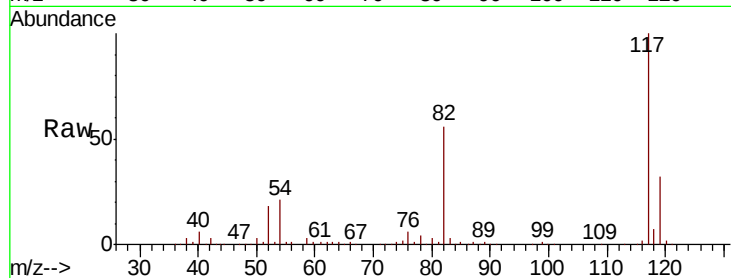




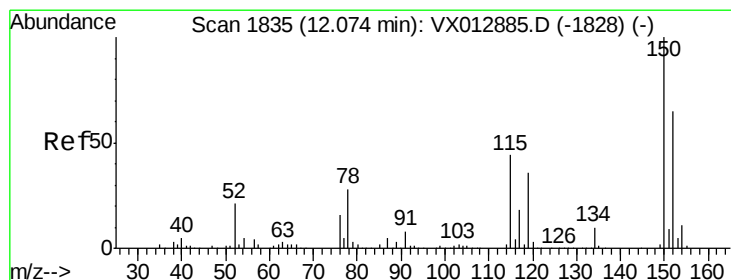
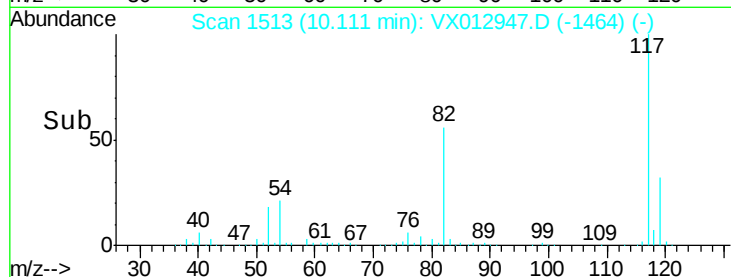
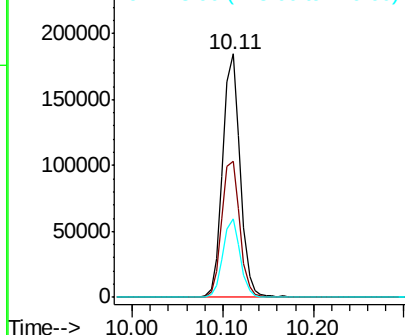
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012947.D
Acq: 09 Oct 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0007A

Tot Ion:117 Resp: 249570
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.2 25.8 38.8

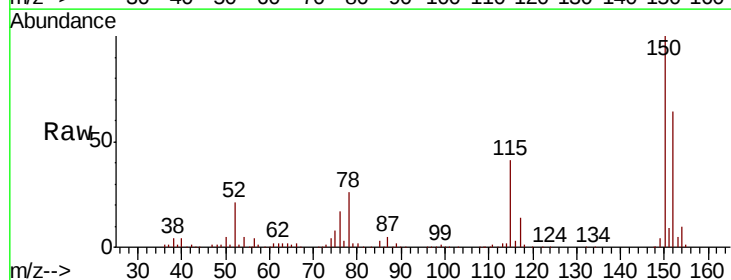


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012947.D
Acq: 09 Oct 2019 16:55

Tgt Ion:152 Resp: 95368
Ion Ratio Lower Upper
152 100
115 65.4 44.5 133.5
150 161.0 0.0 353.4



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

