

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012060.D
 Acq On : 04 Sep 2019 19:03
 Operator : SY/SP
 Sample : K4546-08
 Misc : 5.13g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C4-(2.5)

Quant Time: Sep 05 05:44:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

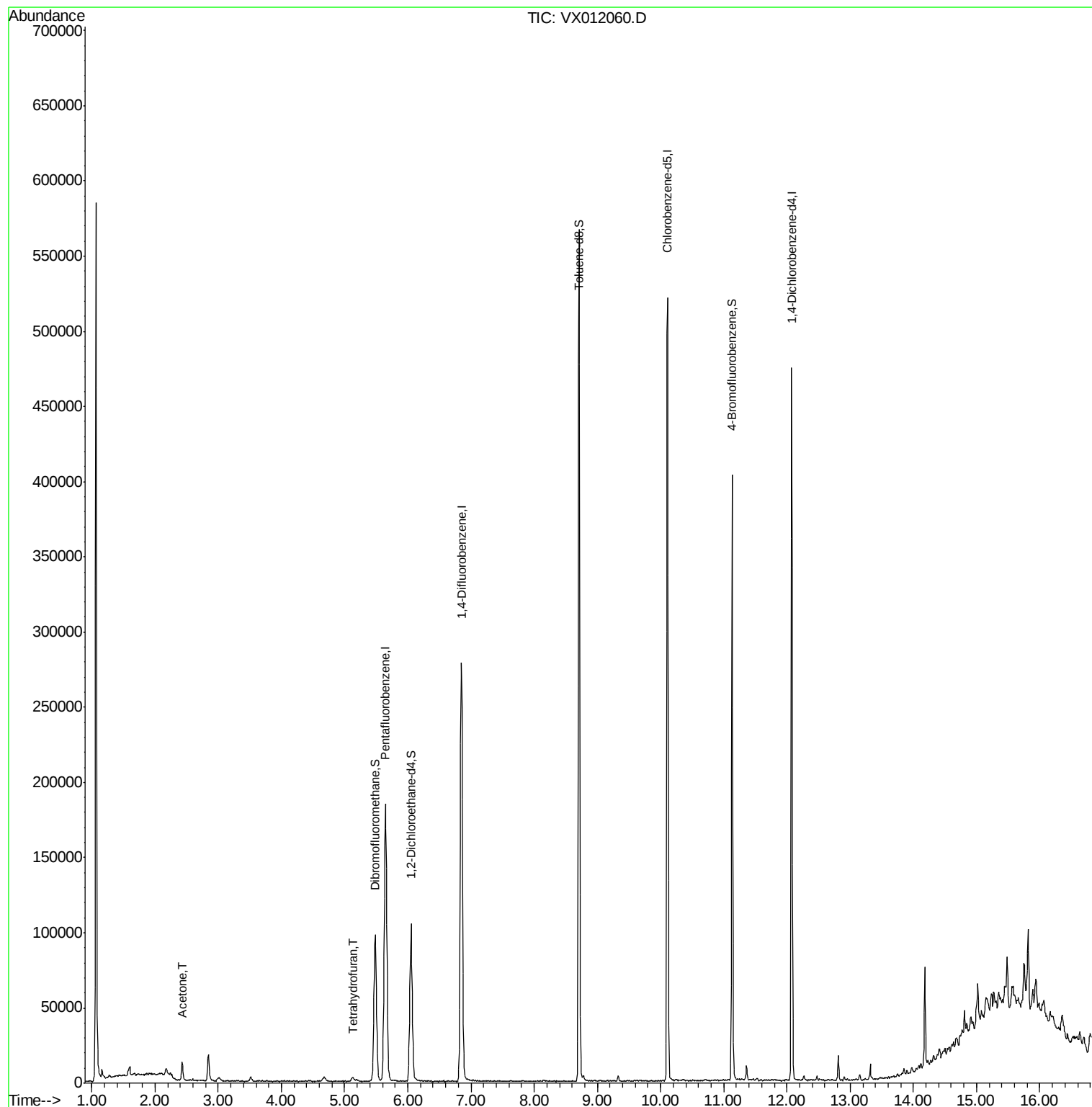
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	83992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103463	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	5.48	113	81836	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	318834	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.14	95	116511	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	
Target Compounds						
16) Acetone	2.43	43	12693	24.821	ug/l	92
29) Tetrahydrofuran	5.12	42	2759	7.035	ug/l	96

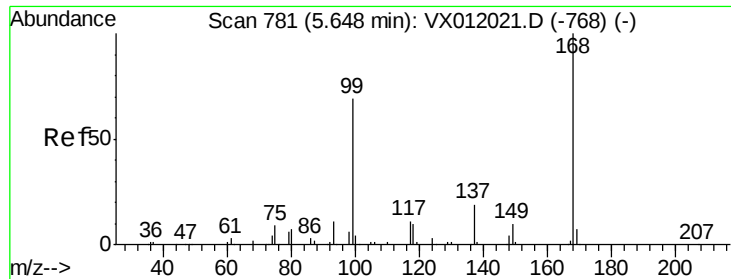
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012060.D

Acq: 04 Sep 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

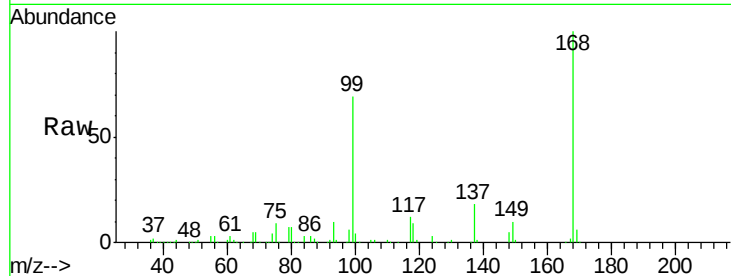
T3-S-C4-(2.5)

Tot Ion:168 Resp: 155055

Ion Ratio Lower Upper

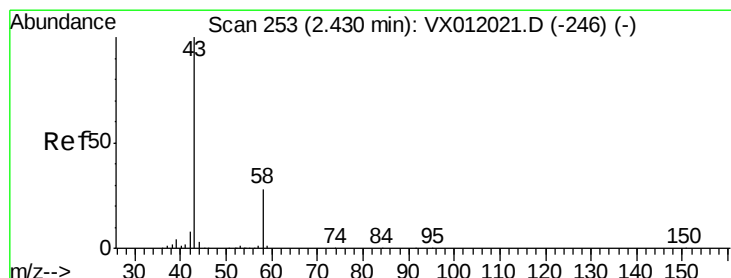
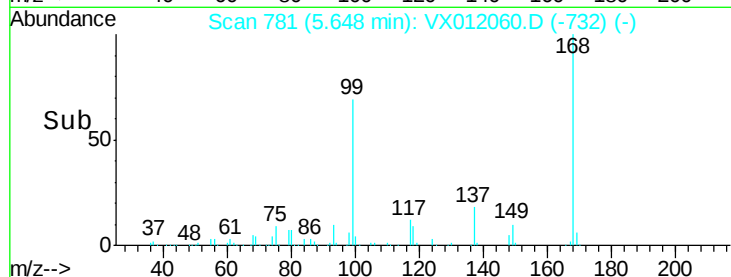
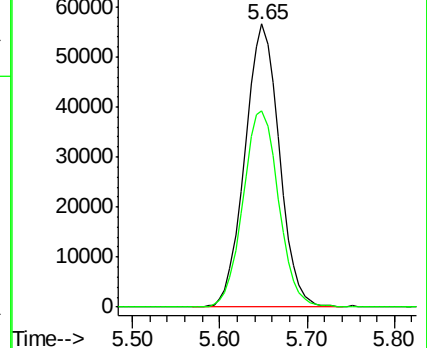
168 100

99 69.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 24.821 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012060.D

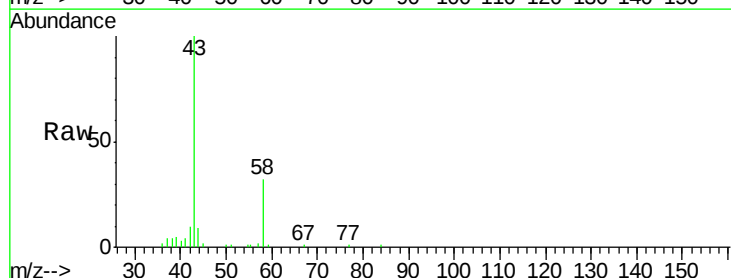
Acq: 04 Sep 2019 19:03

Tgt Ion: 43 Resp: 12693

Ion Ratio Lower Upper

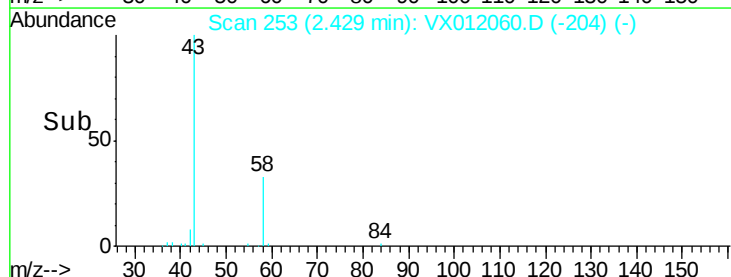
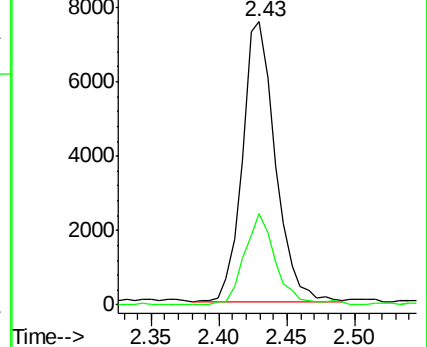
43 100

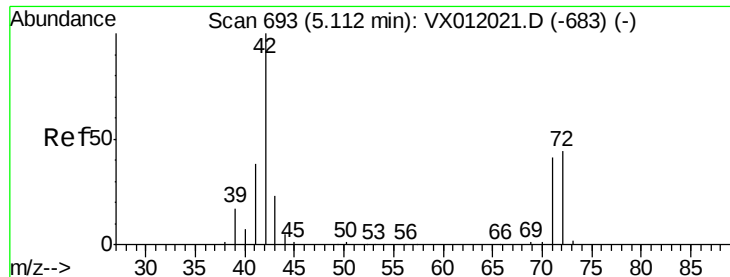
58 32.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

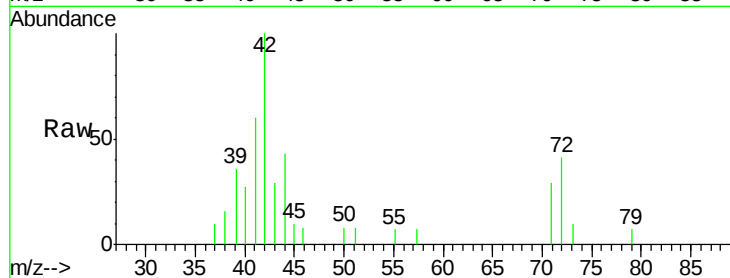




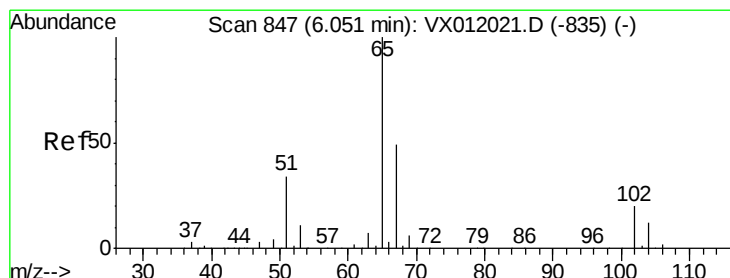
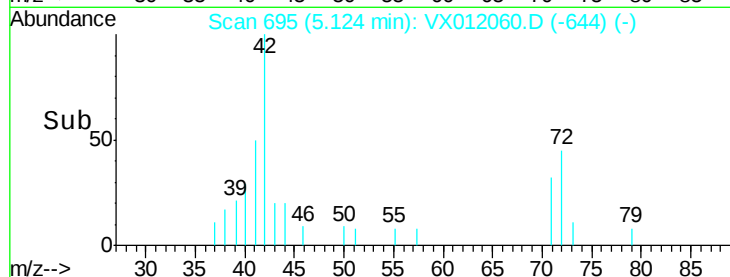
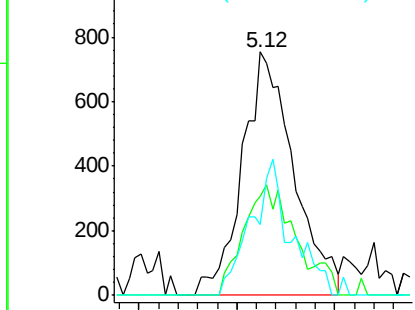
#29
Tetrahydrofuran
Concen: 7.035 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012060.D
Acq: 04 Sep 2019 19:03

Instrument :
MSVOA_X
ClientSampled :
T3-S-C4-(2.5)

Tot Ion: 42 Resp: 2759
Ion Ratio Lower Upper
42 100
72 42.5 37.0 55.4
71 43.4 33.8 50.8

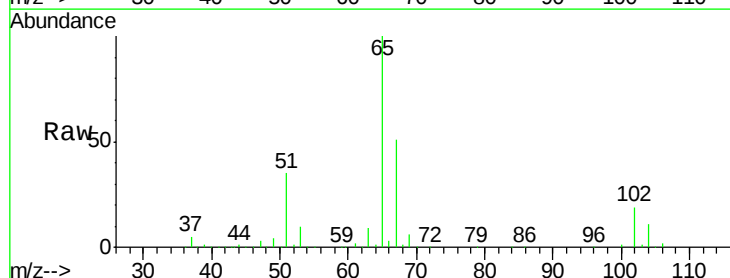


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

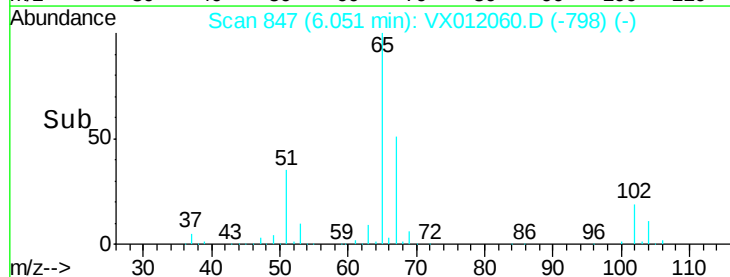
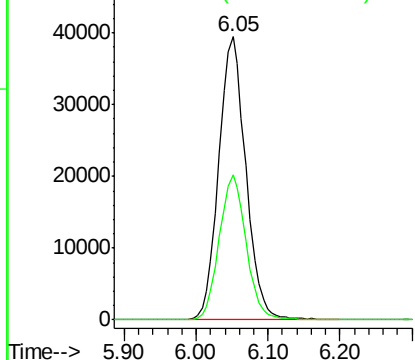


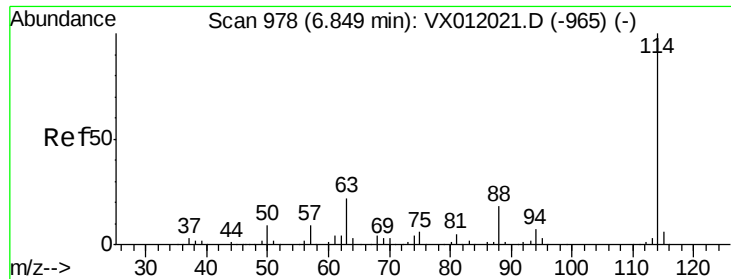
#33
1,2-Dichloroethane-d4
Concen: 48.360 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012060.D
Acq: 04 Sep 2019 19:03

Tgt Ion: 65 Resp: 103463
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.0



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

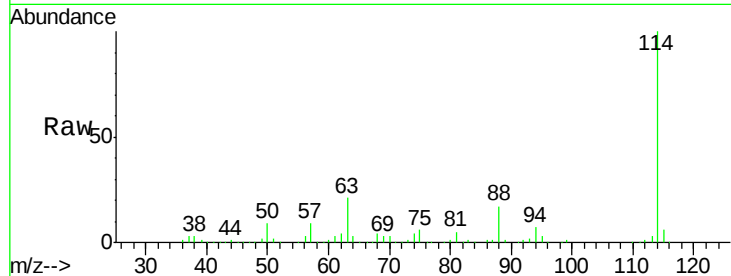




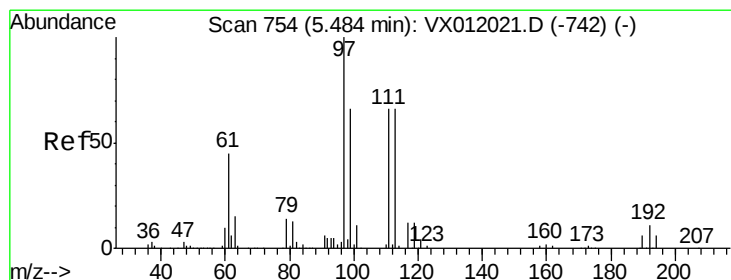
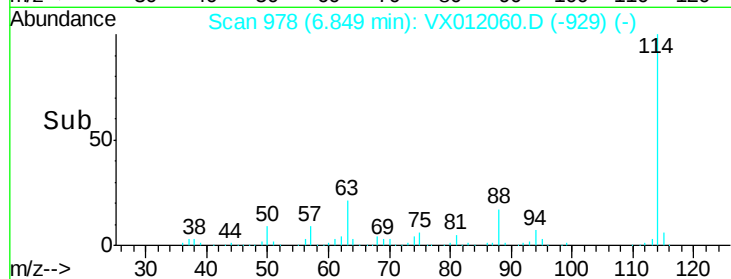
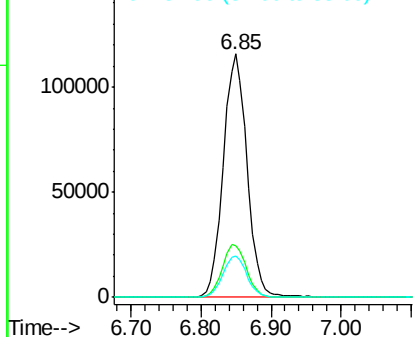
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012060.D
 Acq: 04 Sep 2019 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C4-(2.5)

Tot Ion:114 Resp: 273247
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 16.7 0.0 29.6

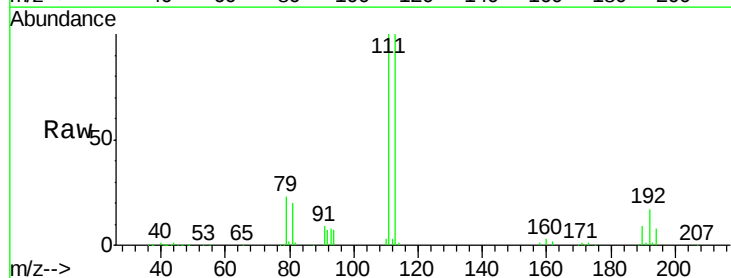


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

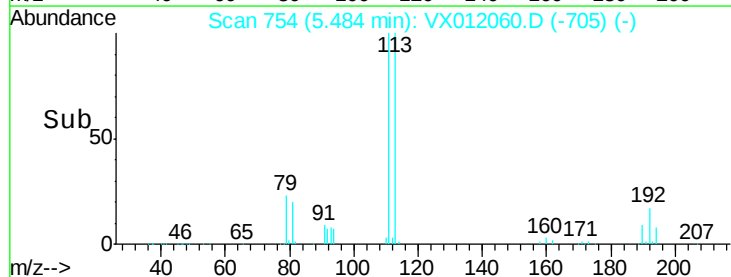
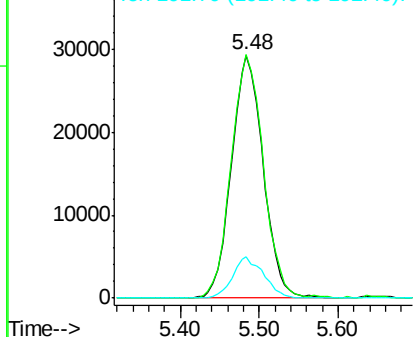


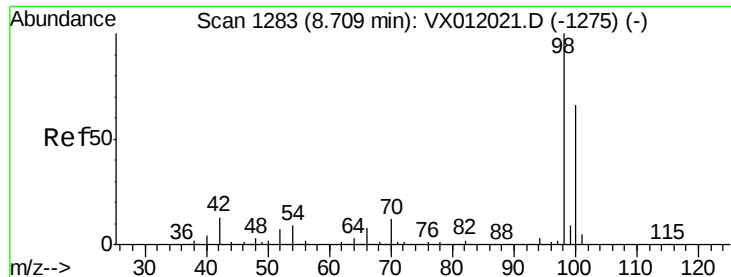
#35
 Dibromofluoromethane
 Concen: 48.701 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012060.D
 Acq: 04 Sep 2019 19:03

Tgt Ion:113 Resp: 81836
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 16.7 22.5 33.7#



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: 51.706 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012060.D

Acq: 04 Sep 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

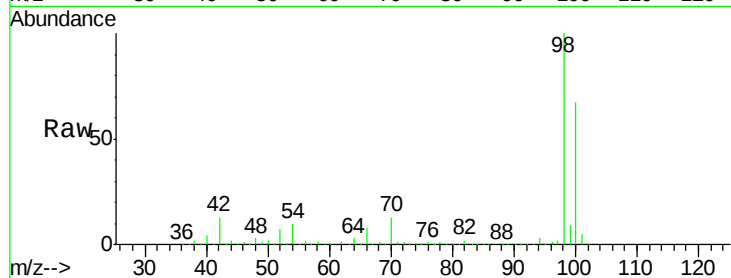
T3-S-C4-(2.5)

Tot Ion: 98 Resp: 318834

Ion Ratio Lower Upper

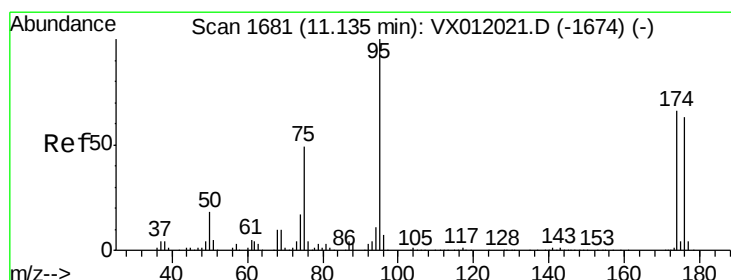
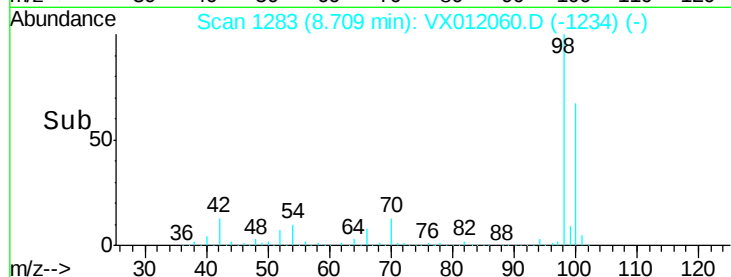
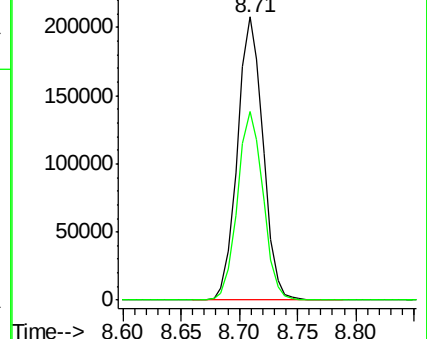
98 100

100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 40.629 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012060.D

Acq: 04 Sep 2019 19:03

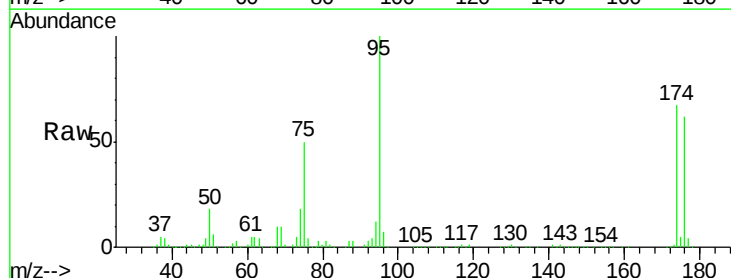
Tgt Ion: 95 Resp: 116511

Ion Ratio Lower Upper

95 100

174 62.4 0.0 205.4

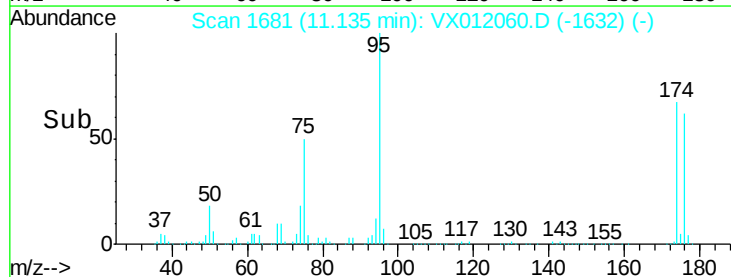
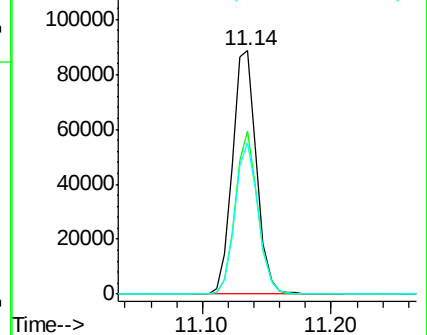
176 60.0 0.0 201.8

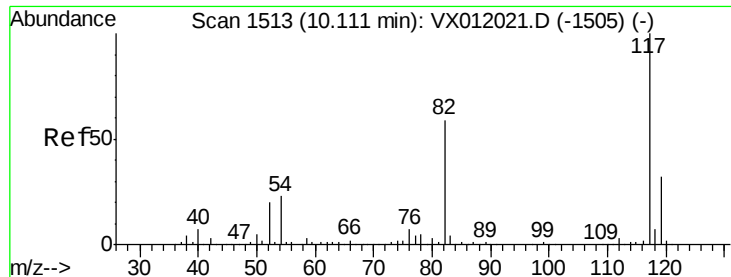


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

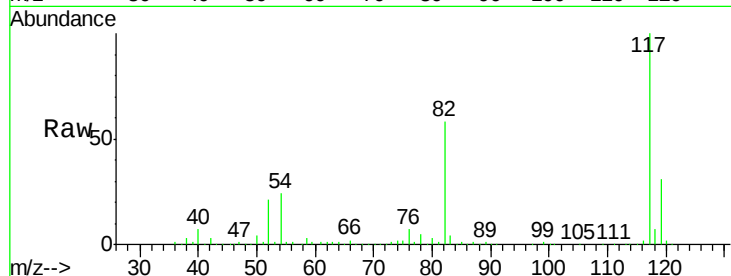




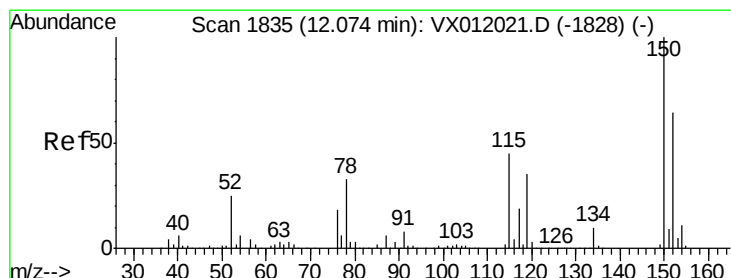
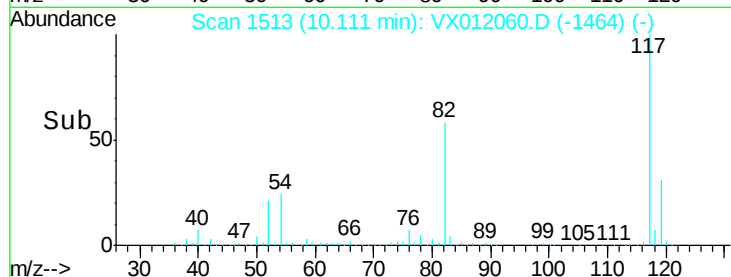
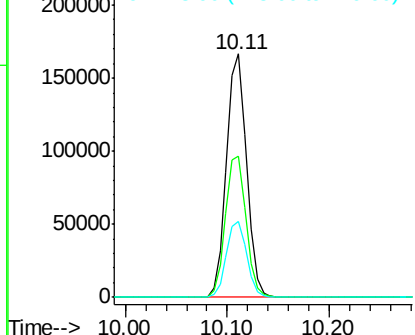
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012060.D
Acq: 04 Sep 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C4-(2.5)

Tot Ion:117 Resp: 227022
Ion Ratio Lower Upper
117 100
82 57.8 39.4 59.0
119 31.4 26.1 39.1

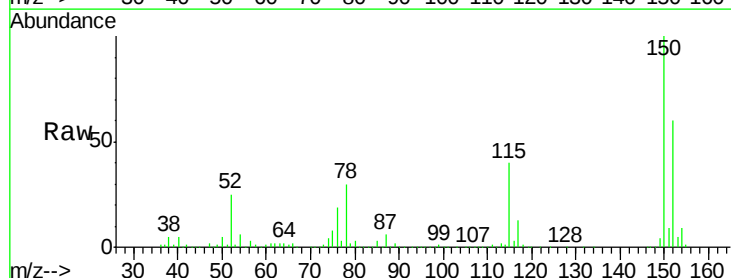


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012060.D
Acq: 04 Sep 2019 19:03

Tgt Ion:152 Resp: 83992
Ion Ratio Lower Upper
152 100
115 68.9 36.4 109.3
150 161.0 0.0 341.2



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

