

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012058.D
 Acq On : 04 Sep 2019 18:07
 Operator : SY/SP
 Sample : K4546-04
 Misc : 4.90g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C2-(2.5)

Quant Time: Sep 05 05:40:56 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

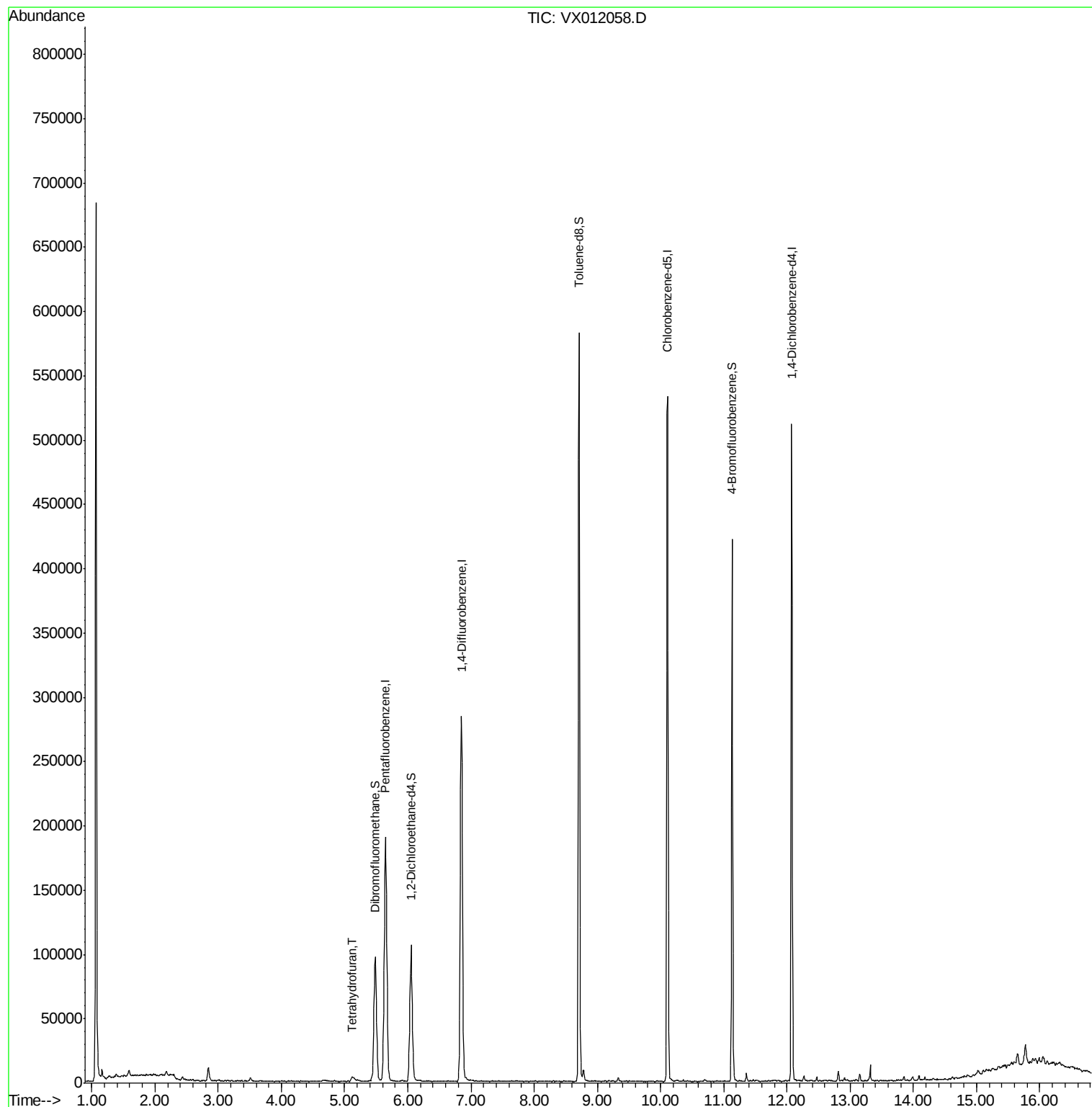
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105876	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	5.48	113	81938	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	324900	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.14	95	122396	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	3453	8.611	ug/l	Qvalue 94

(#) = 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: VX012058.D

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Instrument :

MSVOA_X

ClientSampleId :

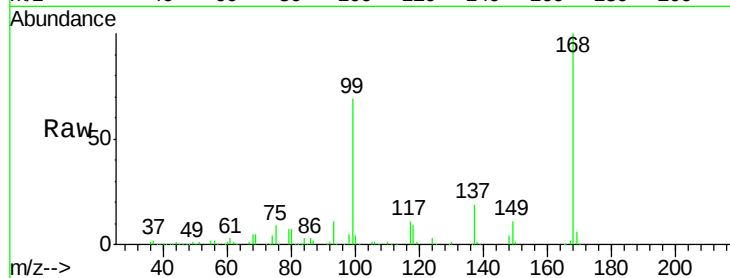
T3-S-C2-(2.5)

Tot Ion:168 Resp: 158536

Ion Ratio Lower Upper

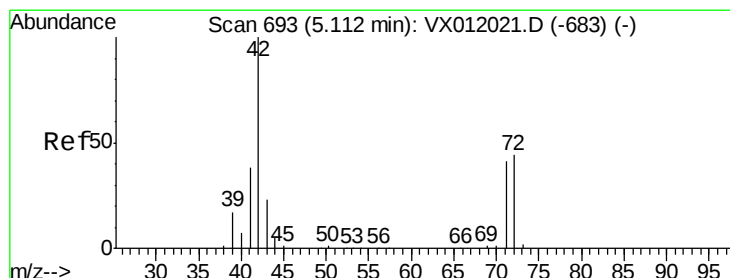
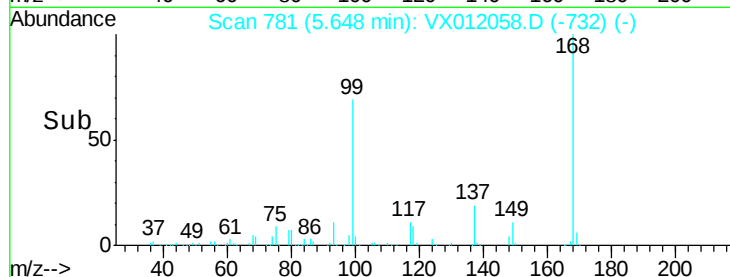
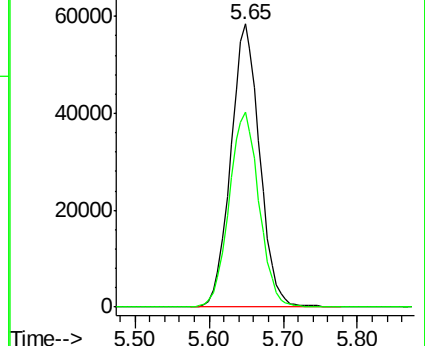
168 100

99 69.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#29

Tetrahydrofuran

Concen: 8.611 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012058.D

Acq: 04 Sep 2019 18:07

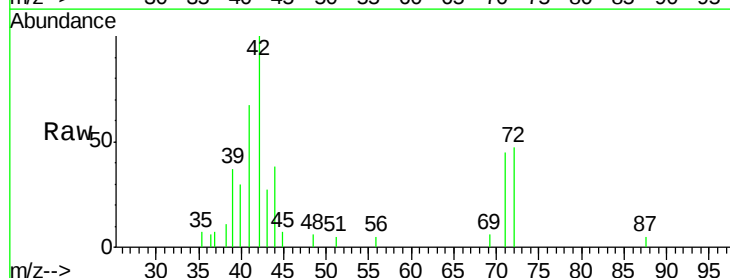
Tgt Ion: 42 Resp: 3453

Ion Ratio Lower Upper

42 100

72 48.7 37.0 55.4

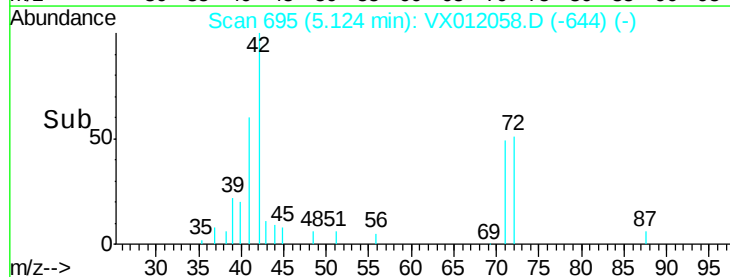
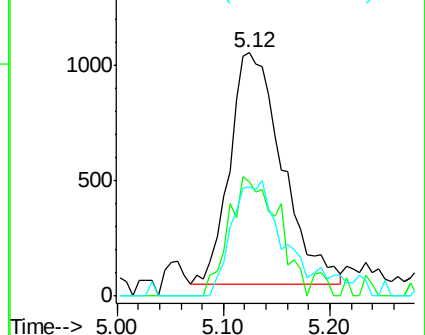
71 47.6 33.8 50.8

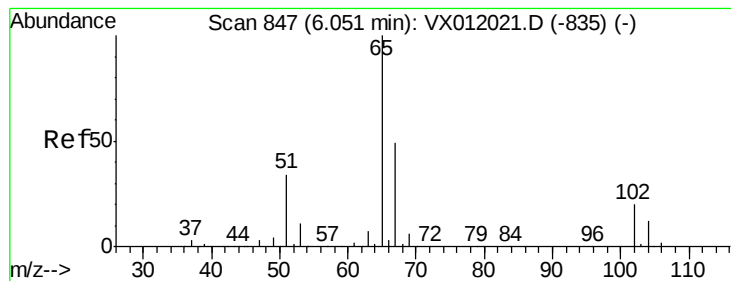


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.401 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012058.D

Acq: 04 Sep 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

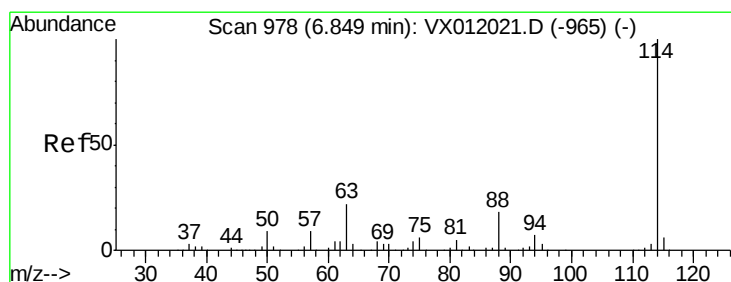
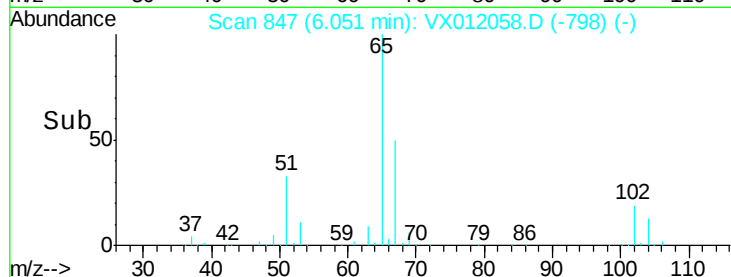
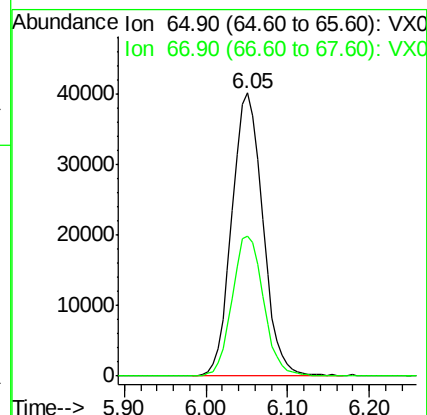
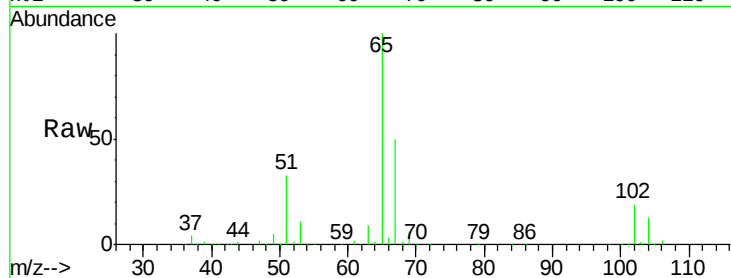
T3-S-C2-(2.5)

Tot Ion: 65 Resp: 105876

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012058.D

Acq: 04 Sep 2019 18:07

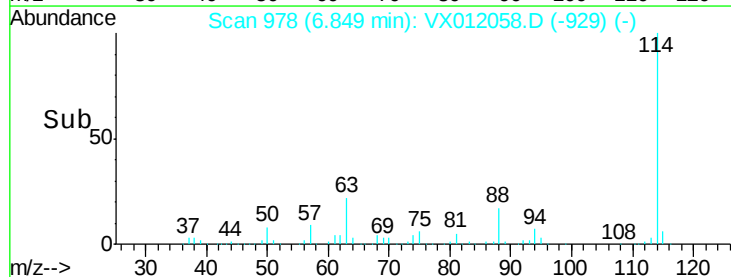
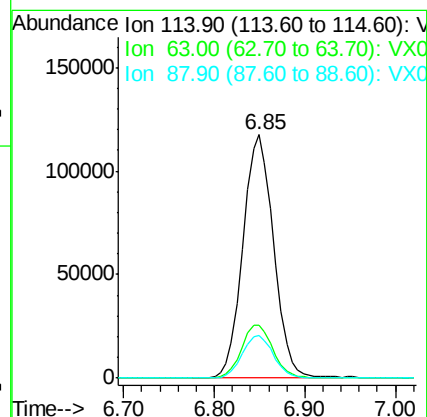
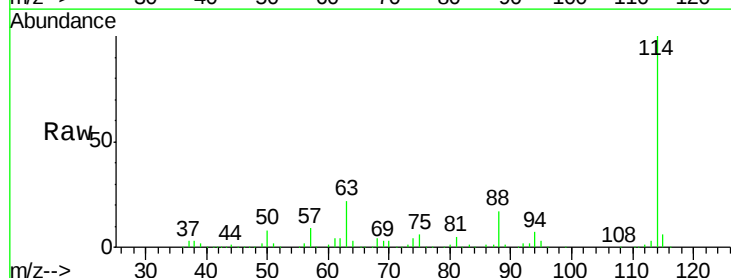
Tgt Ion: 114 Resp: 275514

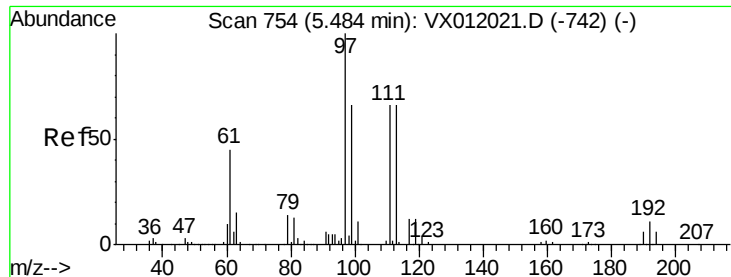
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.4

88 17.3 0.0 29.6

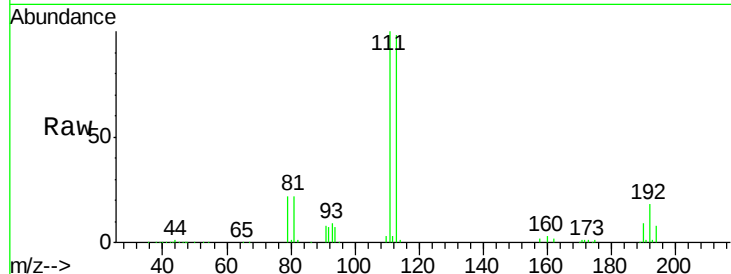




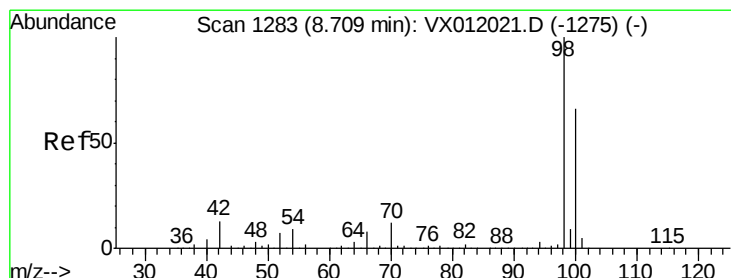
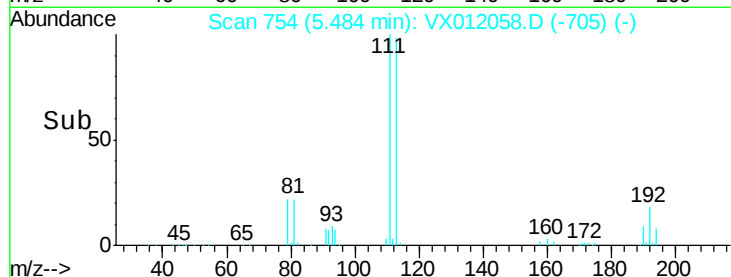
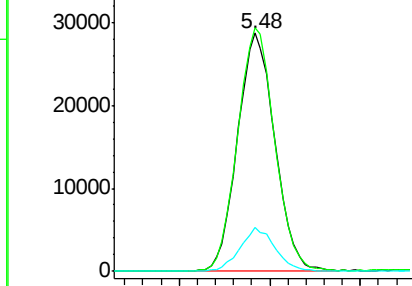
#35
 Dibromofluoromethane
 Concen: 48.360 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012058.D
 Acq: 04 Sep 2019 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C2-(2.5)

Tot Ion:113 Resp: 81938
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 17.3 22.5 33.7#

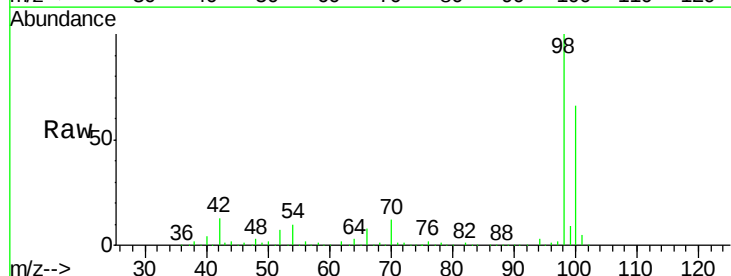


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

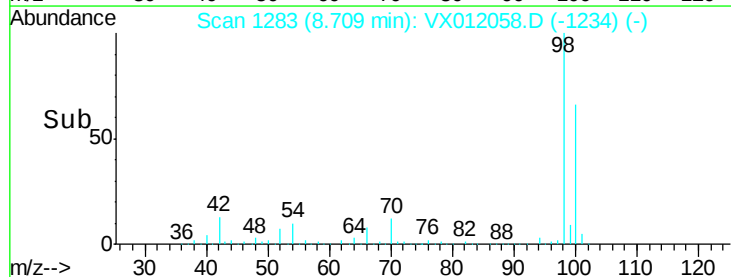
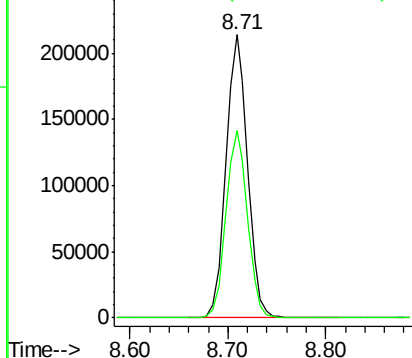


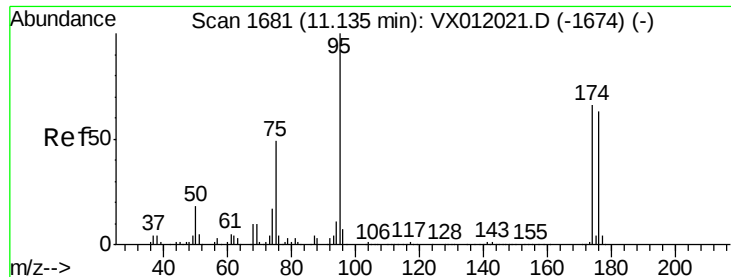
#50
 Toluene-d8
 Concen: 52.256 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012058.D
 Acq: 04 Sep 2019 18:07

Tgt Ion: 98 Resp: 324900
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

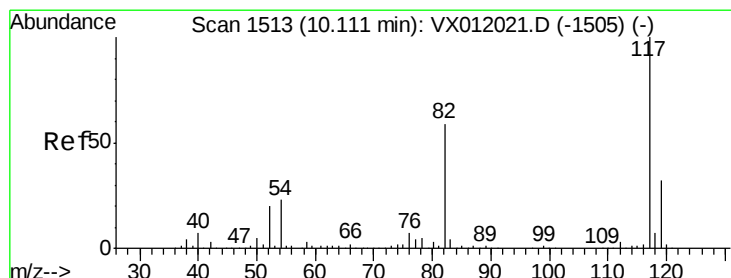
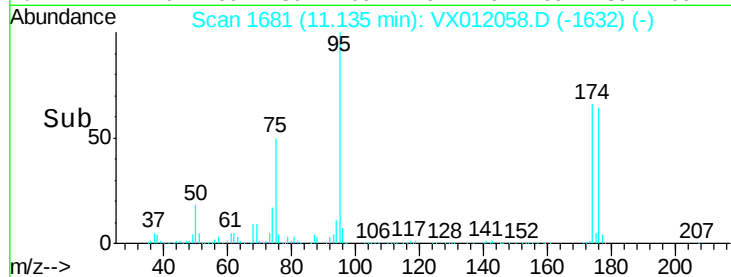
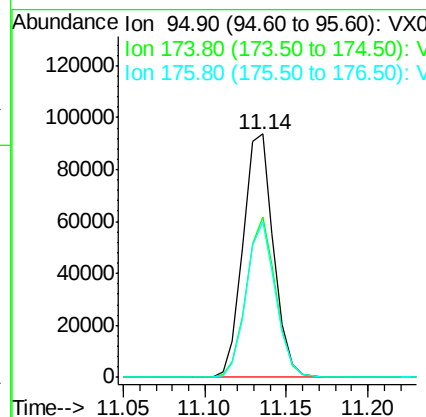
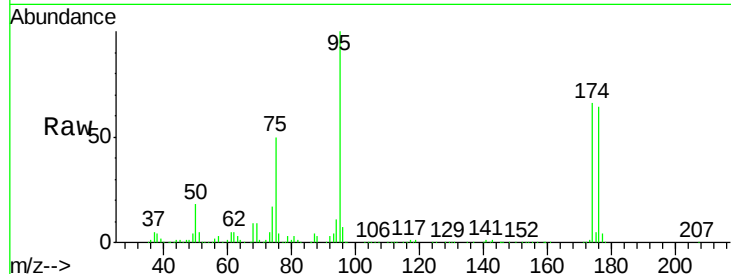




#62
4-Bromofluorobenzene
Concen: 42.330 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012058.D
Acq: 04 Sep 2019 18:07

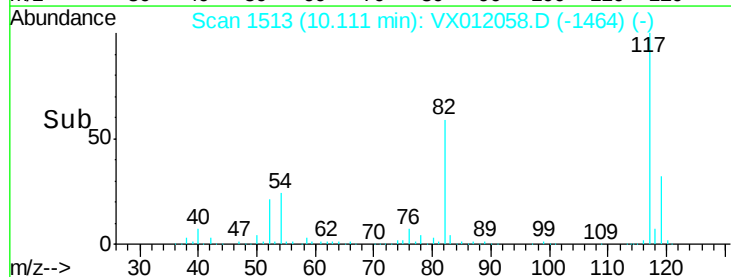
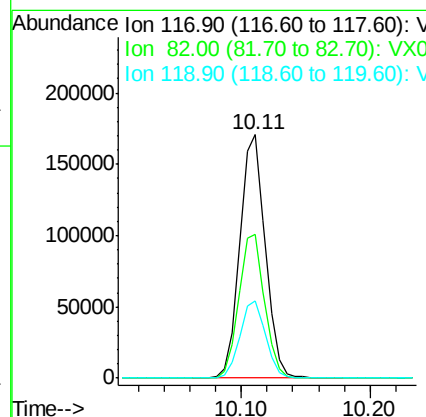
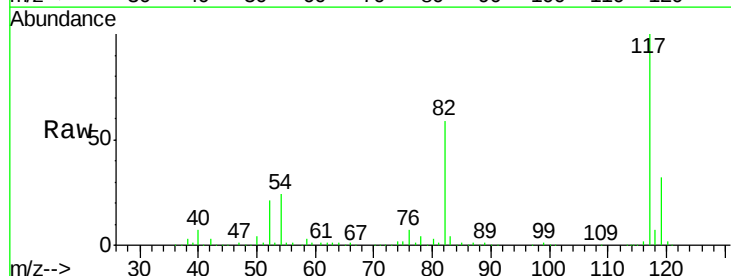
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C2-(2.5)

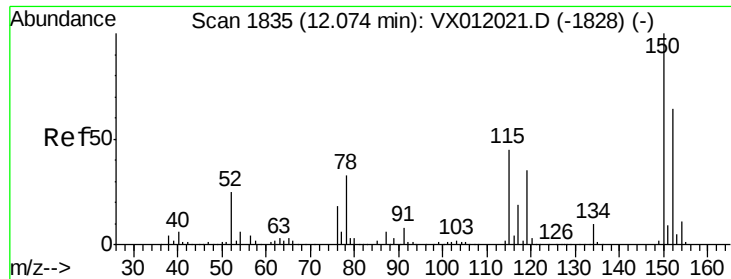
Tot Ion	95	Resp	122396
Ion Ratio	Lower	Upper	
95	100		
174	63.3	0.0	205.4
176	61.6	0.0	201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012058.D
Acq: 04 Sep 2019 18:07

Tgt Ion	117	Resp	234902
Ion Ratio	Lower	Upper	
117	100		
82	59.3	39.4	59.0#
119	31.7	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012058.D

Acq: 04 Sep 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C2-(2.5)

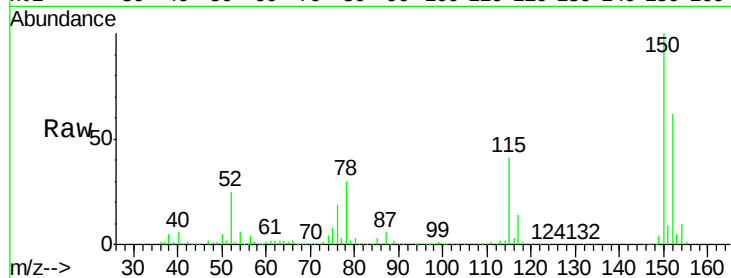
Tot Ion:152 Resp: 93042

Ion Ratio Lower Upper

152 100

115 66.1 36.4 109.3

150 157.7 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

