

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012139.D
 Acq On : 06 Sep 2019 10:19
 Operator : SY/SP
 Sample : K4580-15
 Misc : 3.47g/5.0mL/MSVOA X/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A1-(0)

Quant Time: Sep 06 11:49:48 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

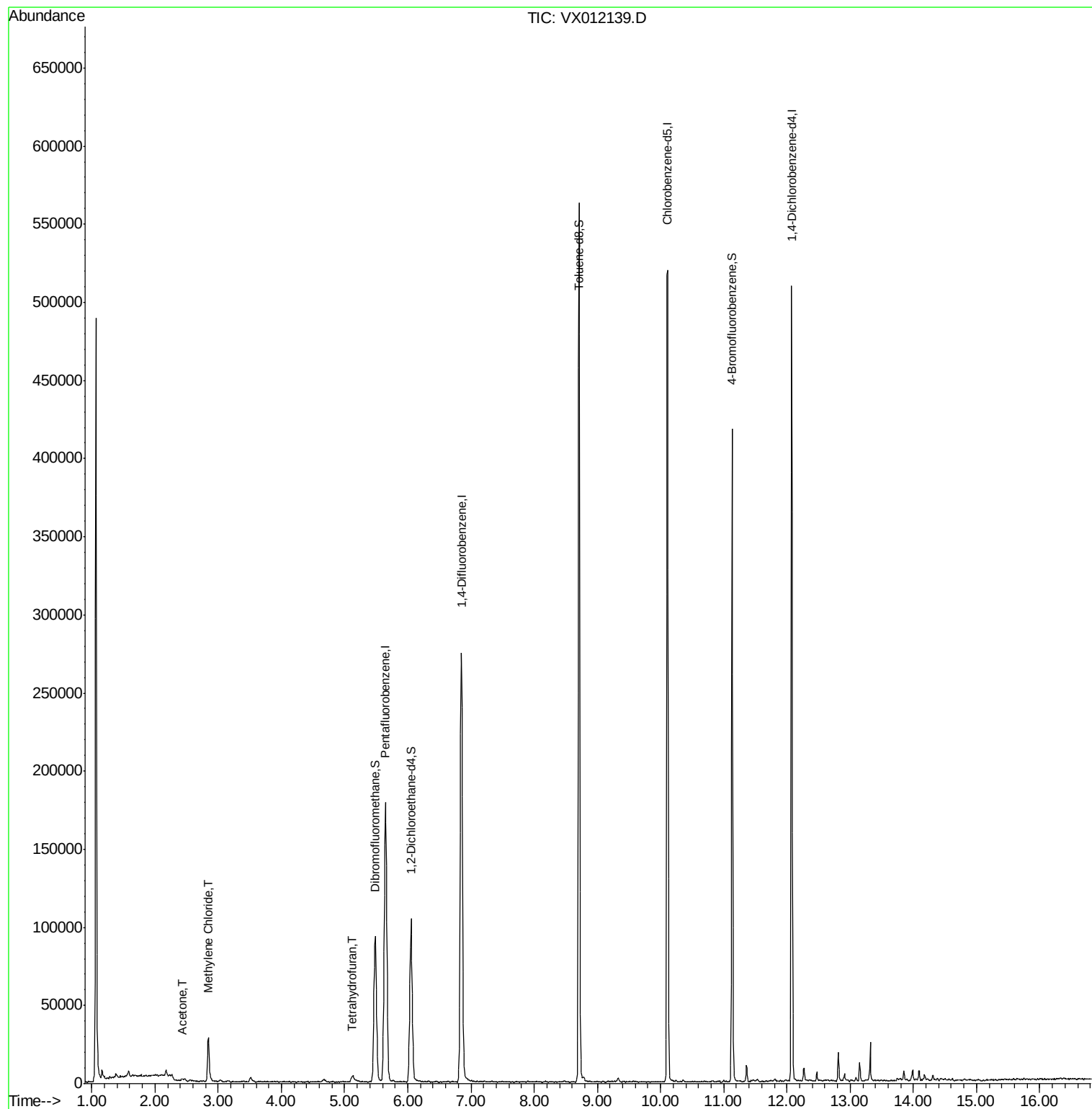
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104934	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	5.48	113	78474	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	312978	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.13	95	117968	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
Target Compounds						
16) Acetone	2.43	43	2097	4.221	ug/l	97
20) Methylene Chloride	2.84	84	13000	6.516	ug/l	95
29) Tetrahydrofuran	5.12	42	4278	11.227	ug/l	93

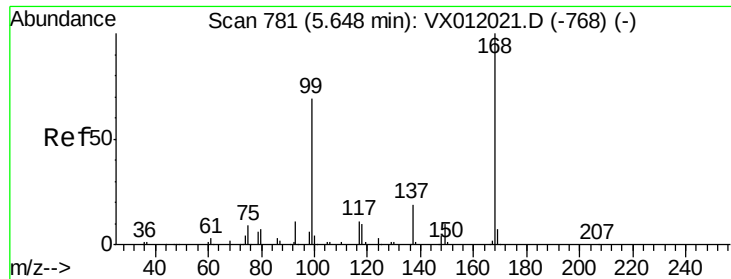
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012139.D

Acq: 06 Sep 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

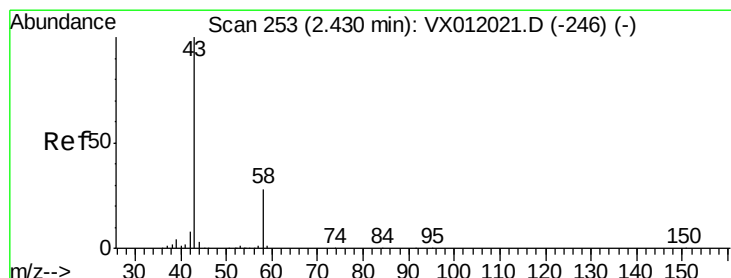
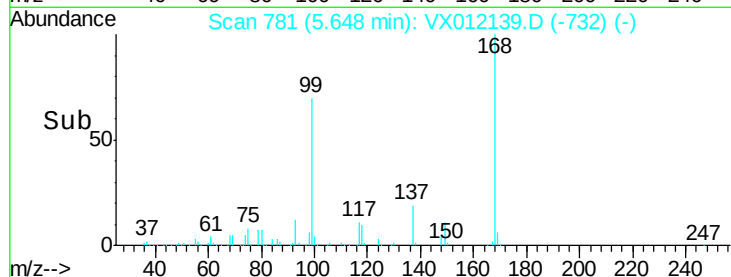
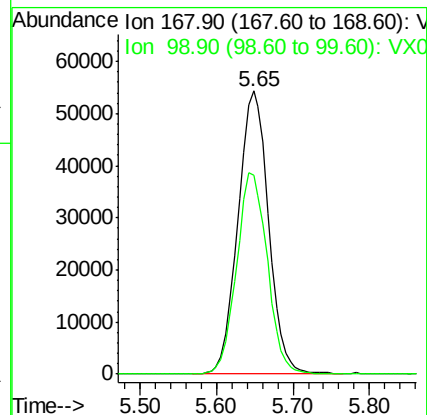
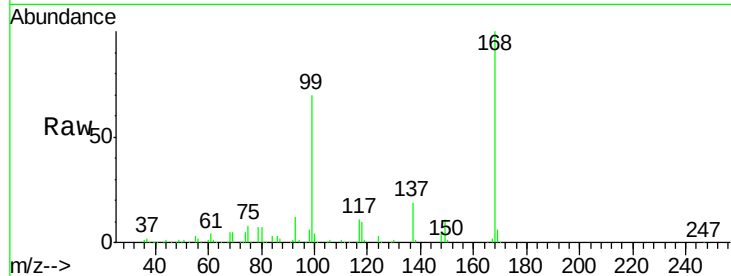
T12-A1-(0)

Tot Ion:168 Resp: 150651

Ion Ratio Lower Upper

168 100

99 70.2 37.6 56.4#



#16

Acetone

Concen: 4.221 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012139.D

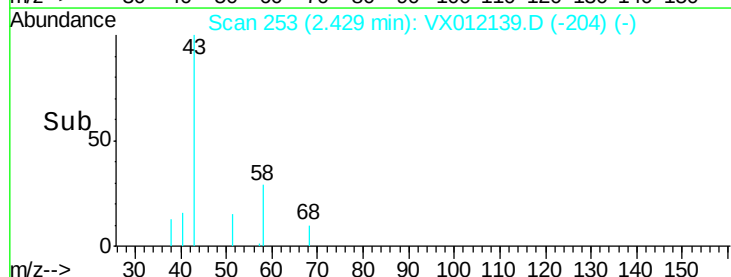
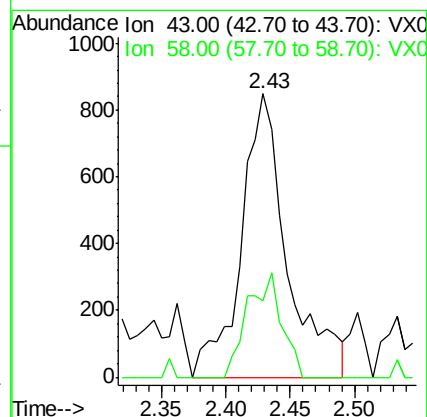
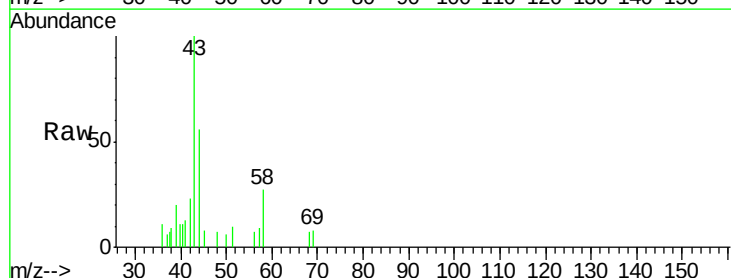
Acq: 06 Sep 2019 10:19

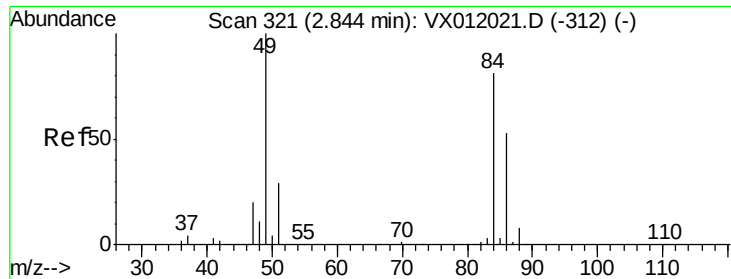
Tgt Ion: 43 Resp: 2097

Ion Ratio Lower Upper

43 100

58 26.9 22.8 34.2

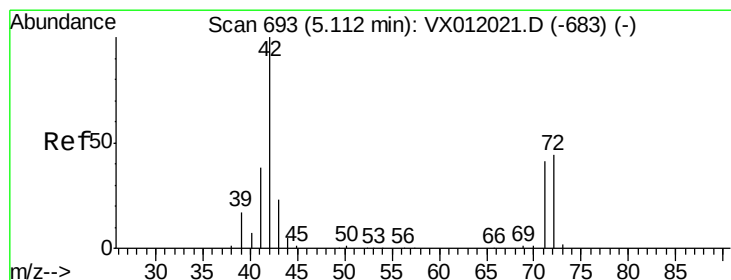
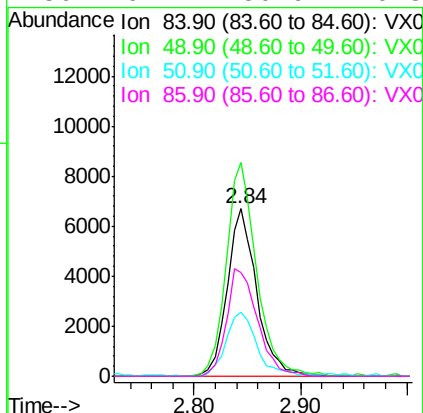
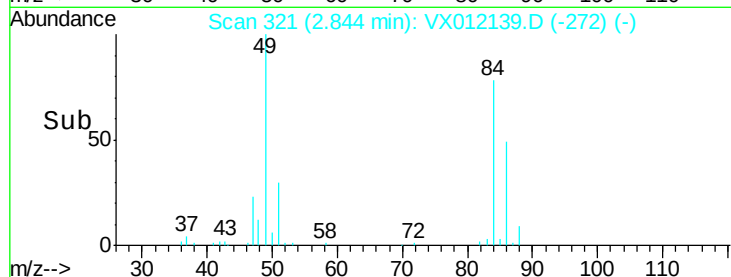
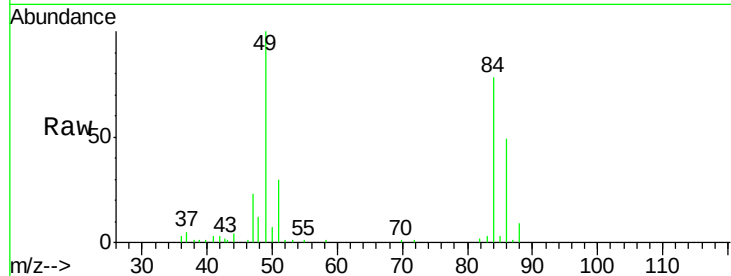




#20
Methylene Chloride
Concen: 6.516 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012139.D
Acq: 06 Sep 2019 10:19

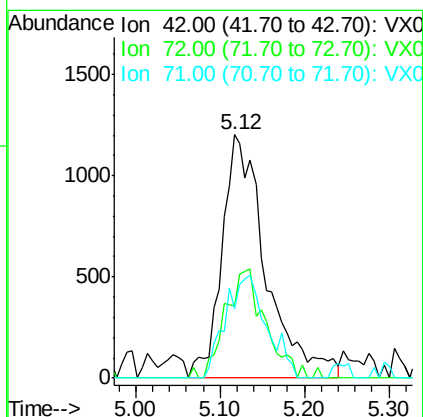
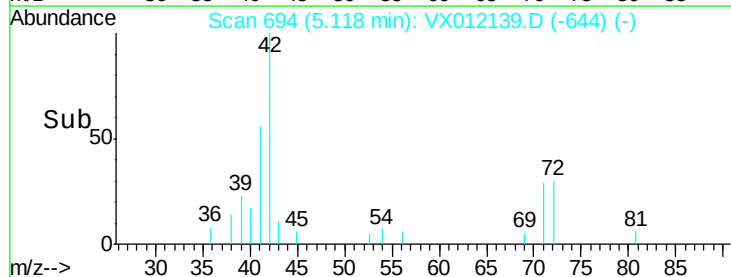
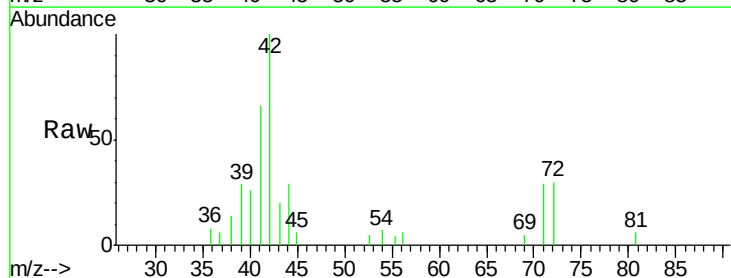
Instrument :
MSVOA_X
ClientSampled :
T12-A1-(0)

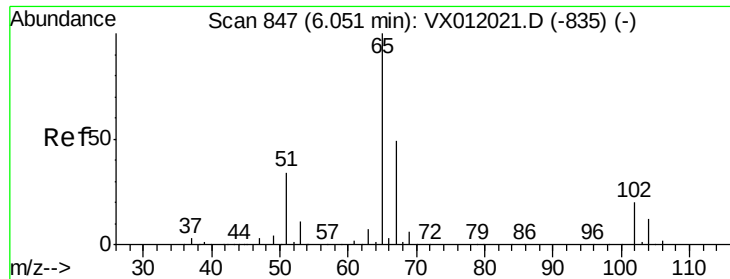
Tot Ion:	84	Resp:	13000
Ion	Ratio	Lower	Upper
84	100		
49	127.8	95.8	143.8
51	37.9	28.6	43.0
86	62.4	50.9	76.3



#29
Tetrahydrofuran
Concen: 11.227 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012139.D
Acq: 06 Sep 2019 10:19

Tgt Ion:	42	Resp:	4278
Ion	Ratio	Lower	Upper
42	100		
72	39.9	37.0	55.4
71	39.4	33.8	50.8

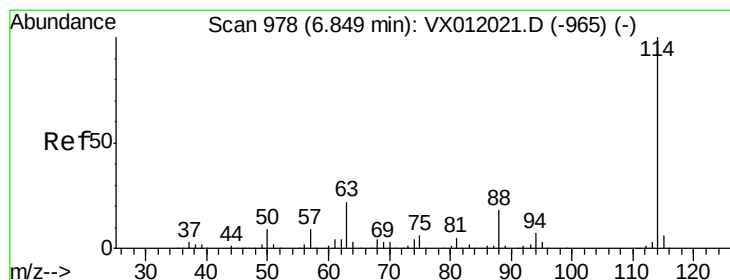
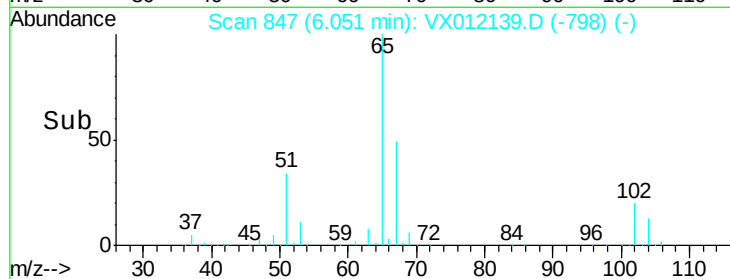
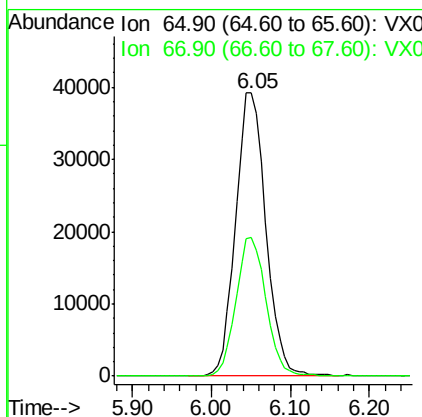
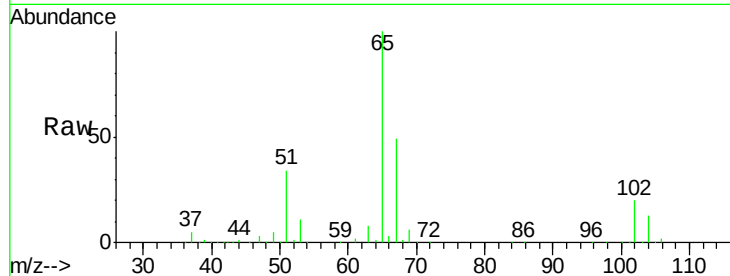




#33
 1,2-Dichloroethane-d4
 Concen: 50.481 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012139.D
 Acq: 06 Sep 2019 10:19

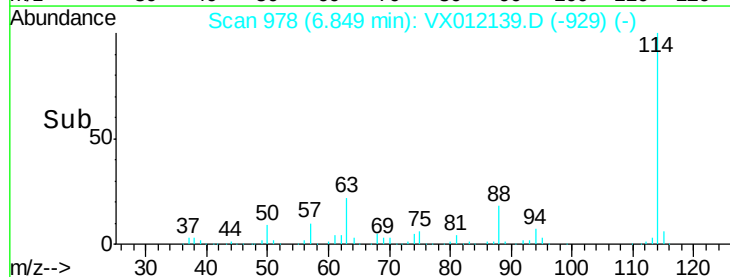
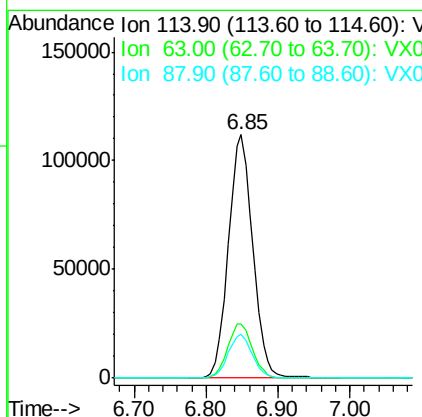
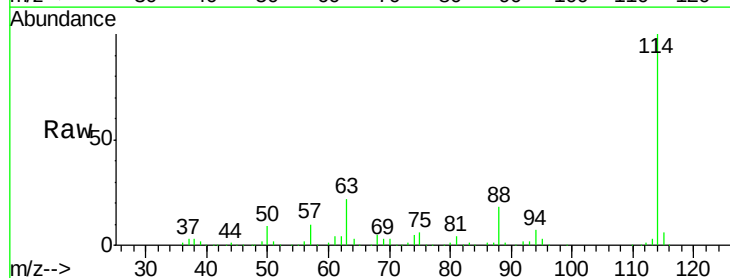
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A1-(0)

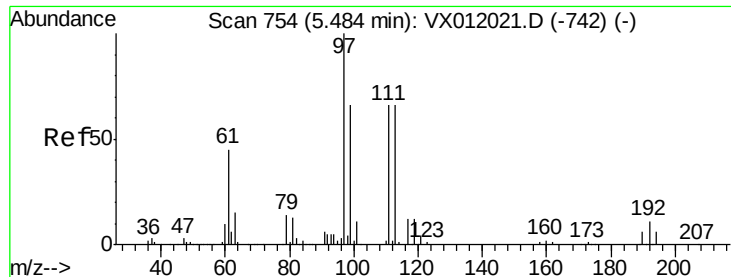
Tot Ion: 65 Resp: 104934
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012139.D
 Acq: 06 Sep 2019 10:19

Tgt Ion: 114 Resp: 264633
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 37.4
 88 17.8 0.0 29.6

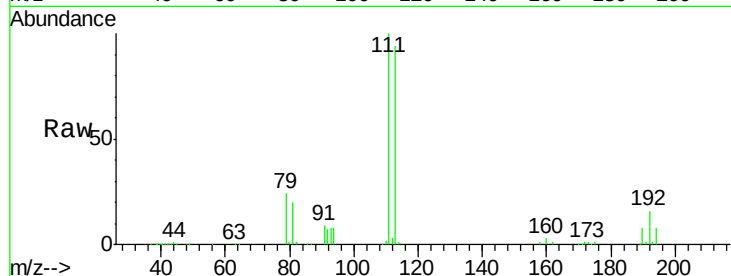




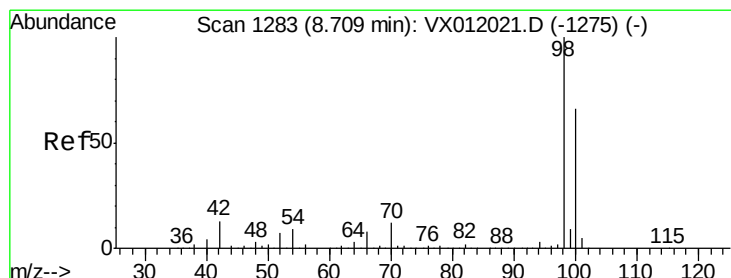
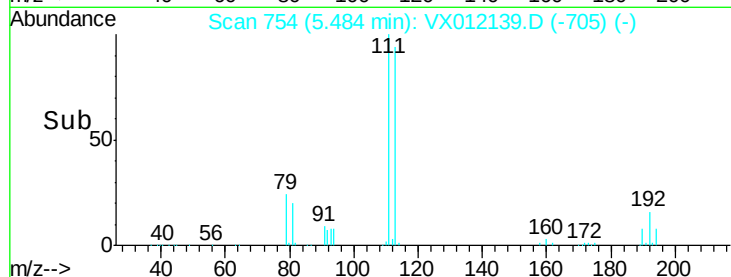
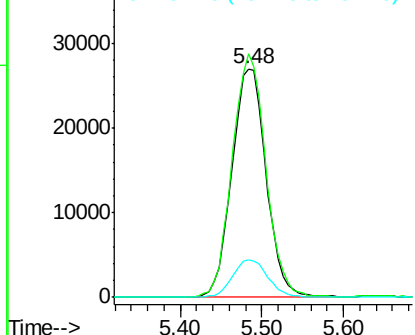
#35
 Dibromofluoromethane
 Concen: 48.220 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012139.D
 Acq: 06 Sep 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A1-(0)

Tot Ion:113 Resp: 78474
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.7 122.5
 192 16.9 22.5 33.7#

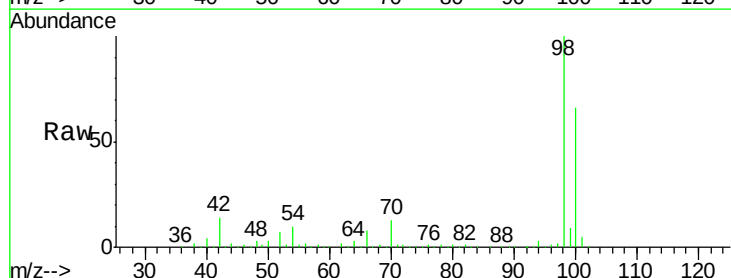


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

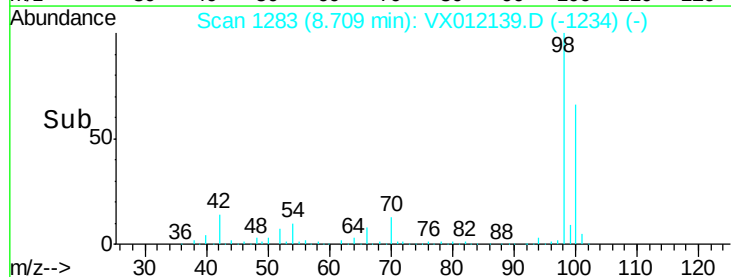
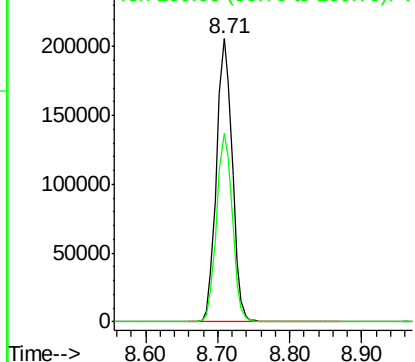


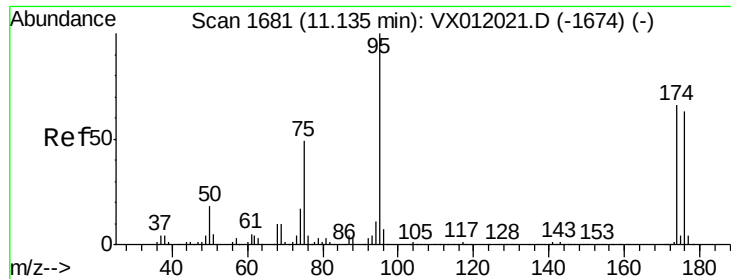
#50
 Toluene-d8
 Concen: 52.409 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012139.D
 Acq: 06 Sep 2019 10:19

Tgt Ion: 98 Resp: 312978
 Ion Ratio Lower Upper
 98 100
 100 66.2 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: 42.476 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012139.D

Acq: 06 Sep 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

T12-A1-(0)

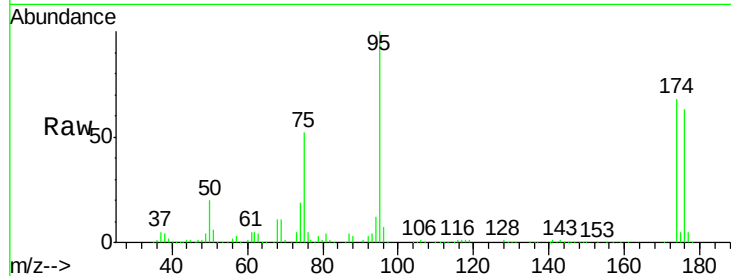
Tot Ion: 95 Resp: 117968

Ion Ratio Lower Upper

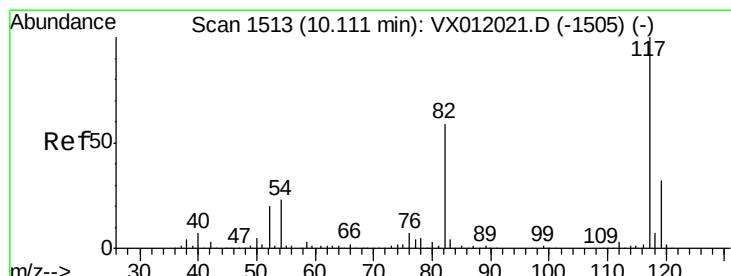
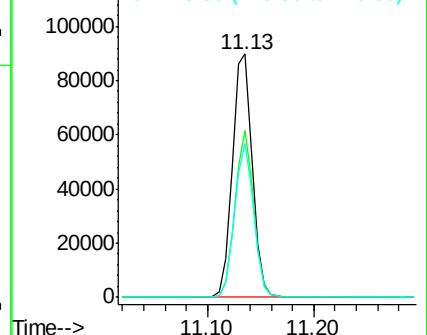
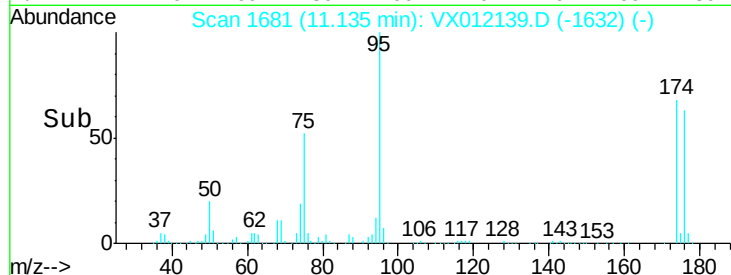
95 100

174 64.6 0.0 205.4

176 60.7 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012139.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012139.D

Acq: 06 Sep 2019 10:19

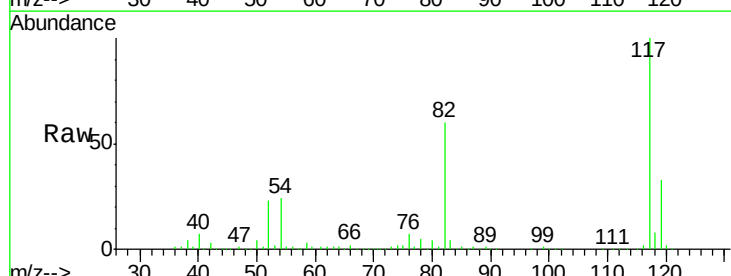
Tgt Ion: 117 Resp: 225414

Ion Ratio Lower Upper

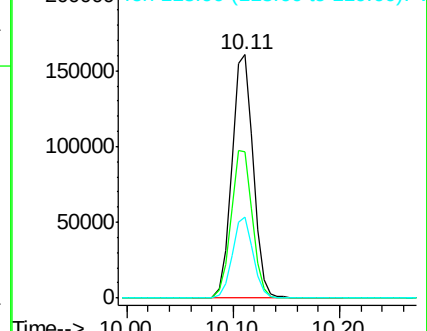
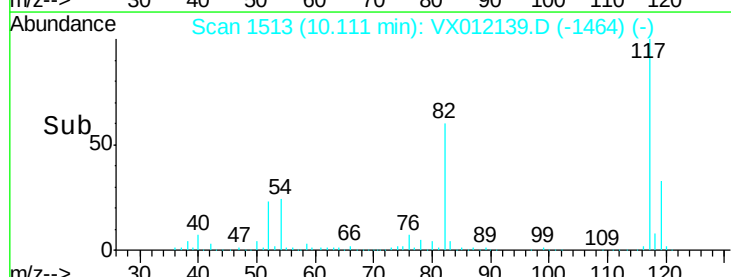
117 100

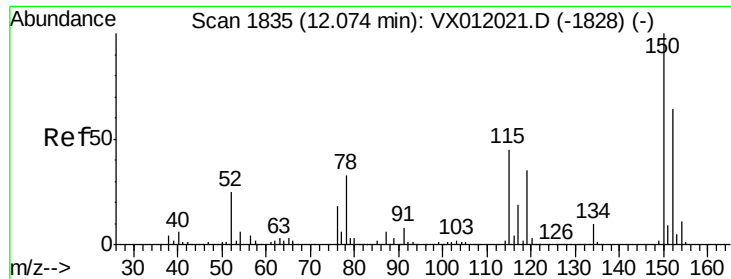
82 60.3 39.4 59.0#

119 33.2 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VX012139.D (-1464) (-)

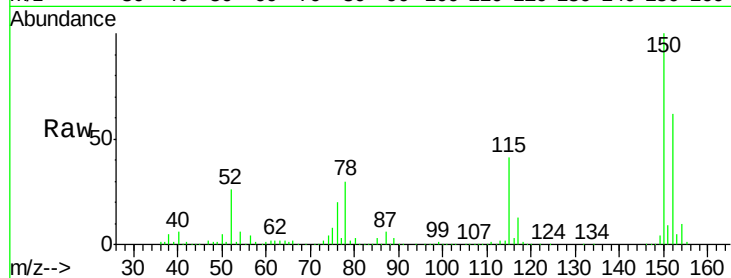




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012139.D
 Acq: 06 Sep 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A1-(0)

Tot Ion:152 Resp: 90447
 Ion Ratio Lower Upper
 152 100
 115 67.0 36.4 109.3
 150 159.2 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

