

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012309.D
 Acq On : 11 Sep 2019 18:26
 Operator : SY/SP
 Sample : K4643-18
 Misc : 4.03g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C4-(4)

Quant Time: Sep 12 06:45:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

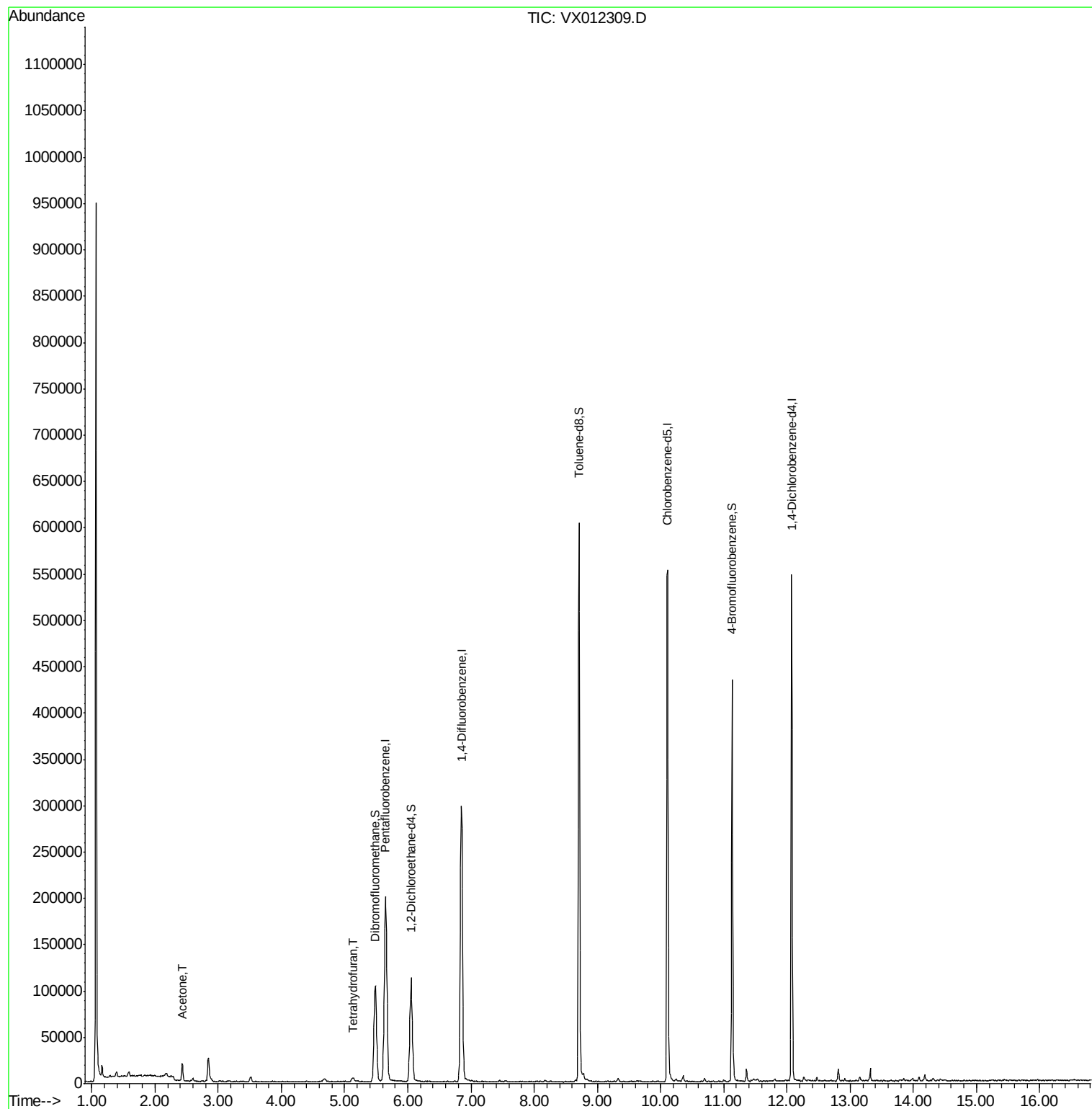
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114087	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.48	113	88681	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	344552	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.13	95	125854	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
Target Compounds						
16) Acetone	2.43	43	19753	34.171	ug/l	96
29) Tetrahydrofuran	5.13	42	5033	12.623	ug/l #	91

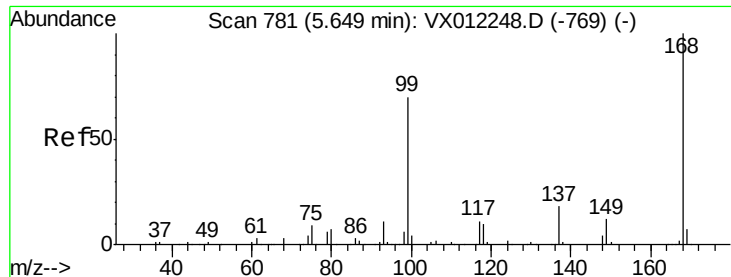
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
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: VX012309.D

Acq: 11 Sep 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

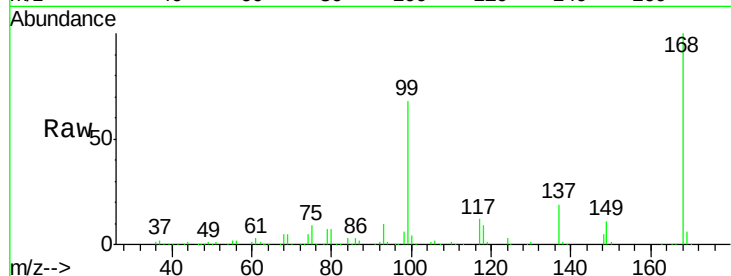
T11-C4-(4)

Tot Ion:168 Resp: 172718

Ion Ratio Lower Upper

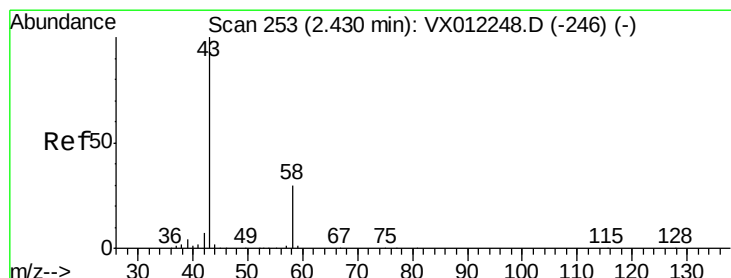
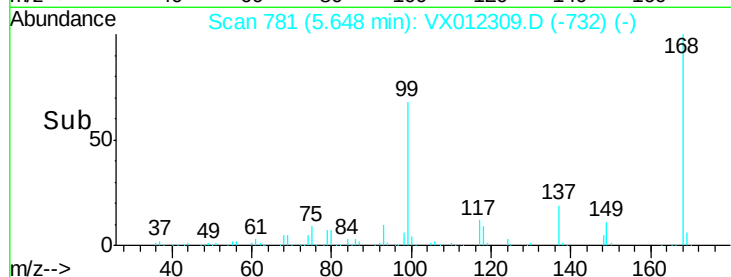
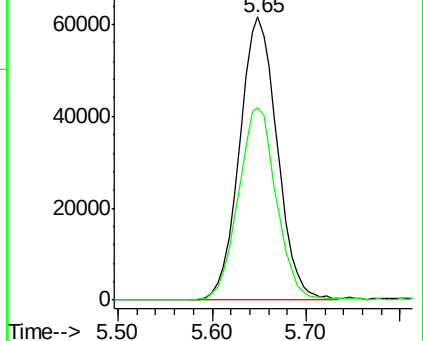
168 100

99 67.7 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 34.171 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012309.D

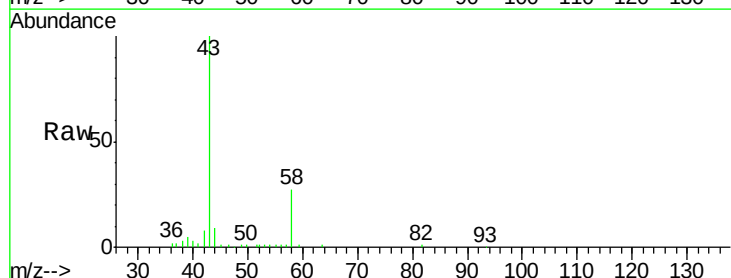
Acq: 11 Sep 2019 18:26

Tgt Ion: 43 Resp: 19753

Ion Ratio Lower Upper

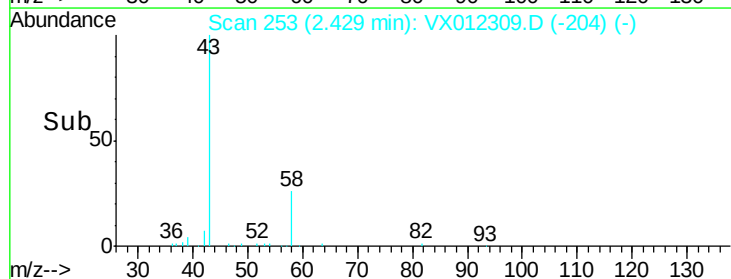
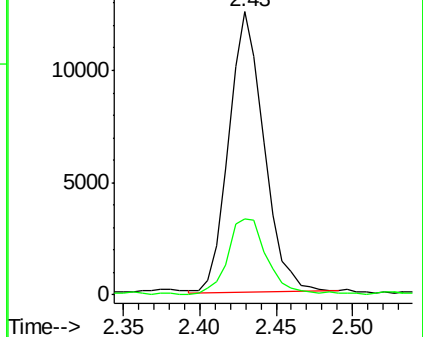
43 100

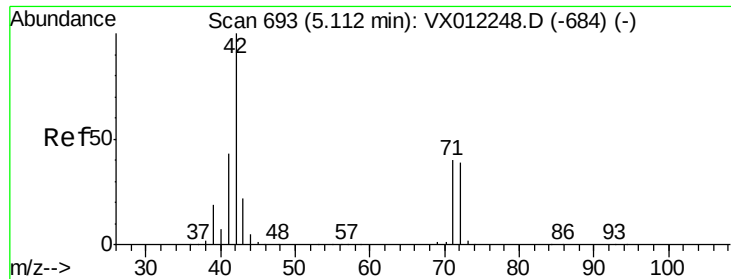
58 27.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

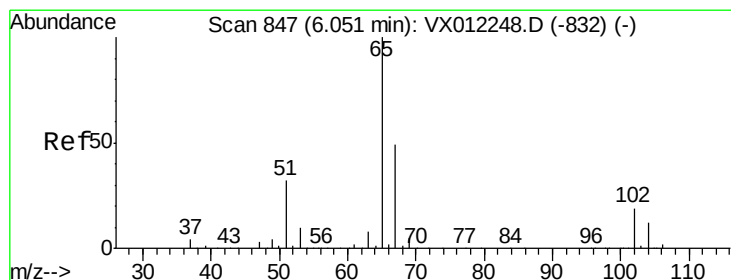
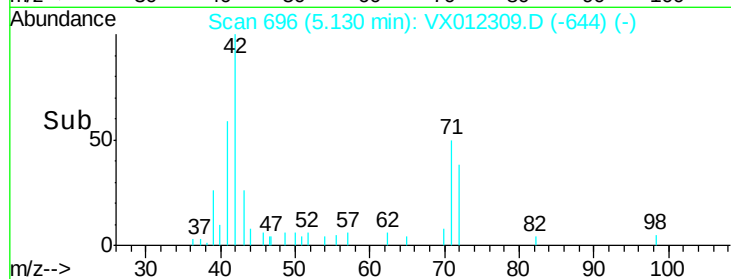
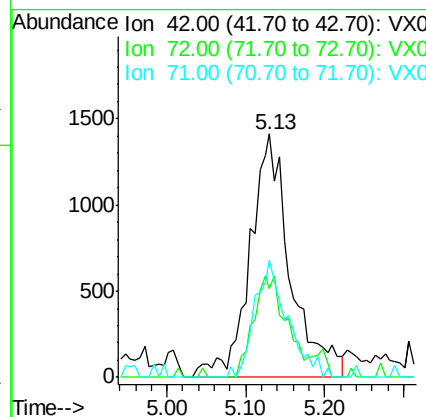
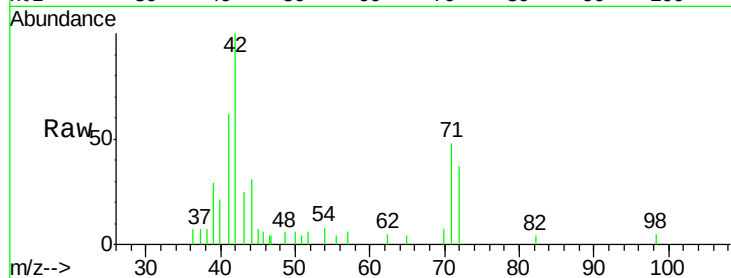




#29
Tetrahydrofuran
Concen: 12.623 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012309.D
Acq: 11 Sep 2019 18:26

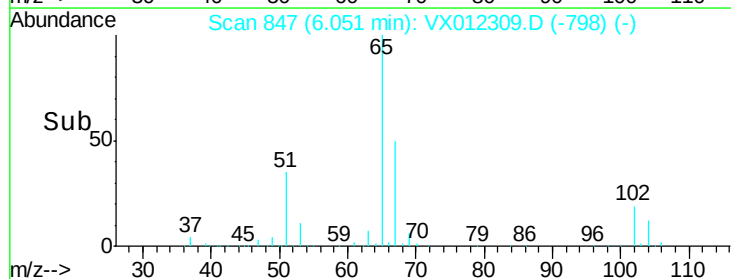
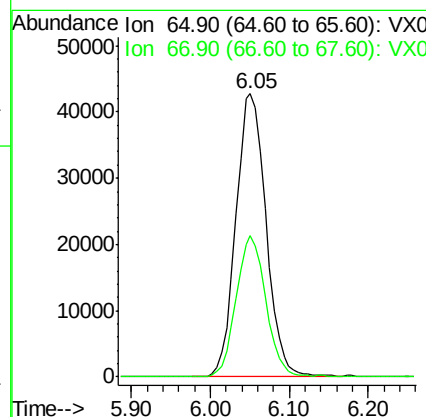
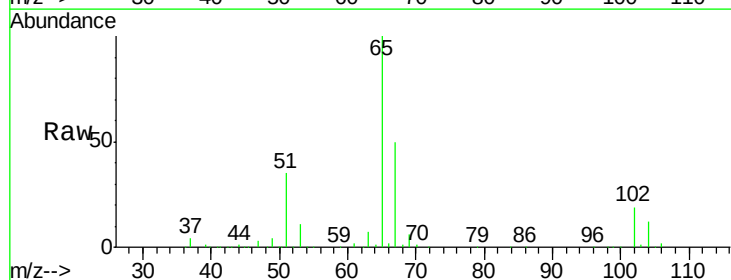
Instrument :
MSVOA_X
ClientSampleId :
T11-C4-(4)

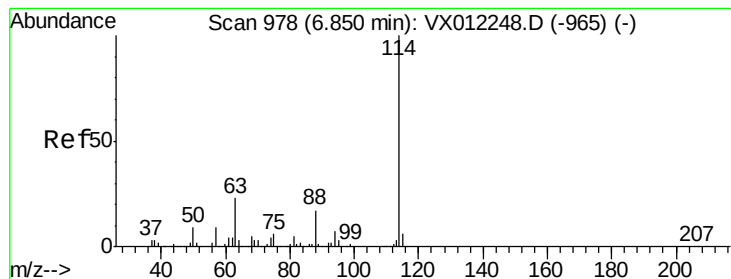
Tot Ion: 42 Resp: 5033
Ion Ratio Lower Upper
42 100
72 34.7 35.2 52.8#
71 38.9 32.5 48.7



#33
1,2-Dichloroethane-d4
Concen: 46.721 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012309.D
Acq: 11 Sep 2019 18:26

Tgt Ion: 65 Resp: 114087
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012309.D

Acq: 11 Sep 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

T11-C4-(4)

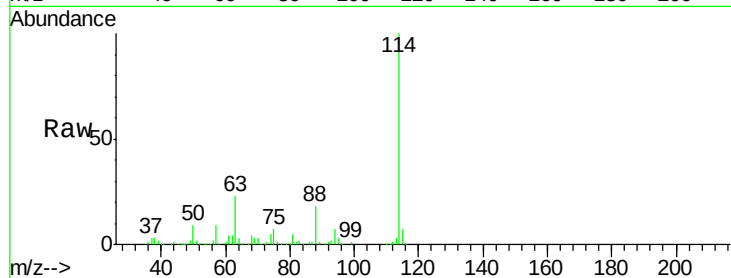
Tot Ion:114 Resp: 288340

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

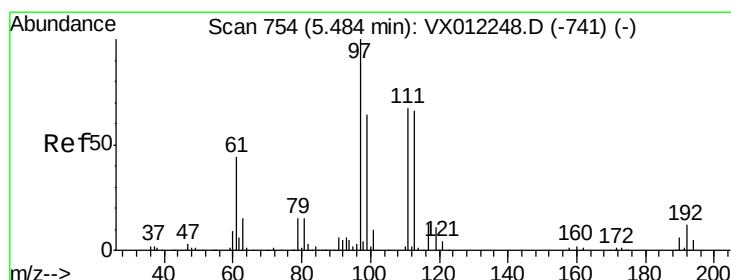
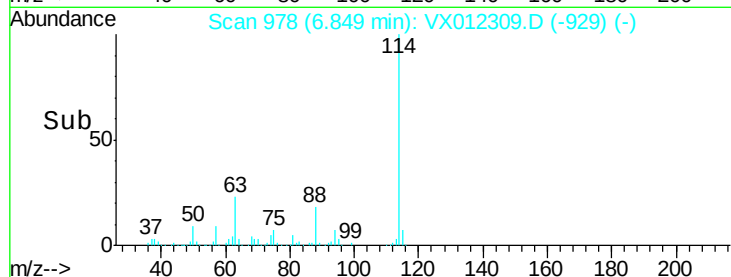
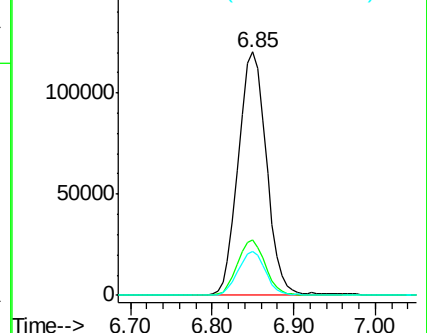
88 17.9 0.0 34.8



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



#35

Dibromofluoromethane

Concen: 47.977 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012309.D

Acq: 11 Sep 2019 18:26

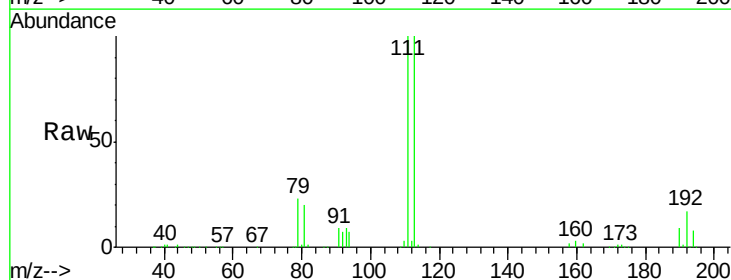
Tgt Ion:113 Resp: 88681

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

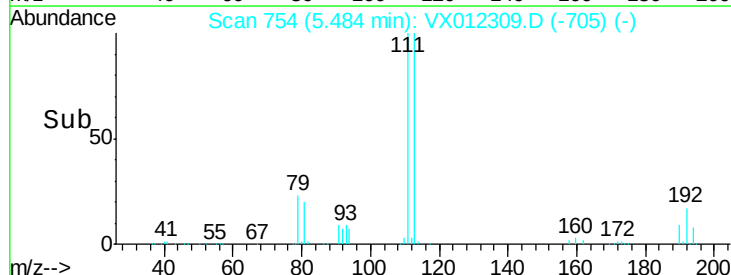
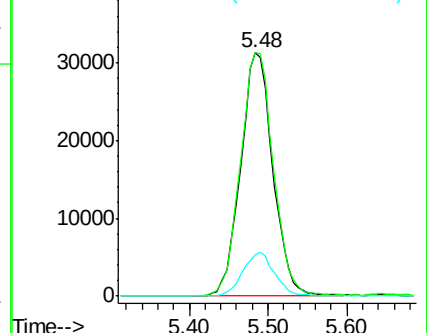
192 17.8 14.3 21.5

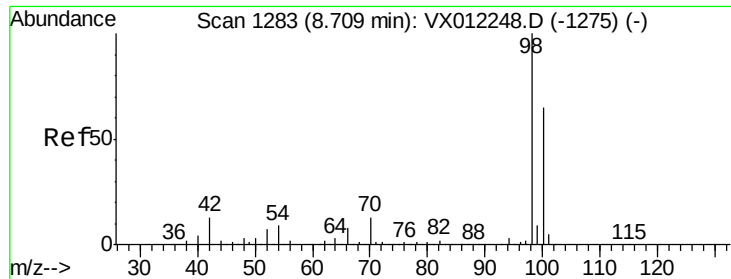


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

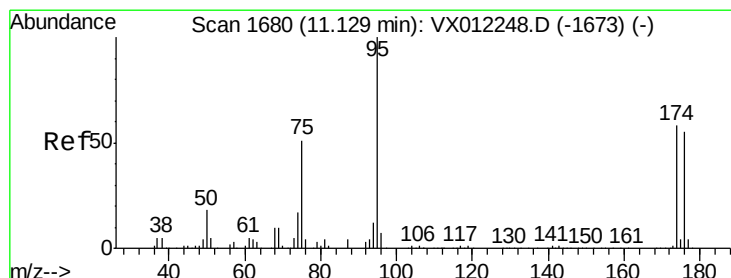
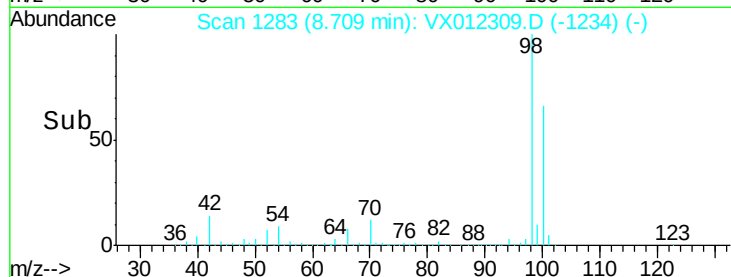
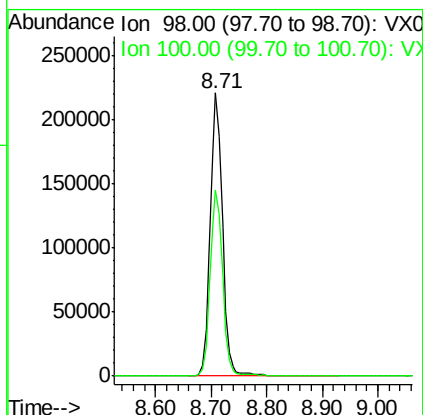
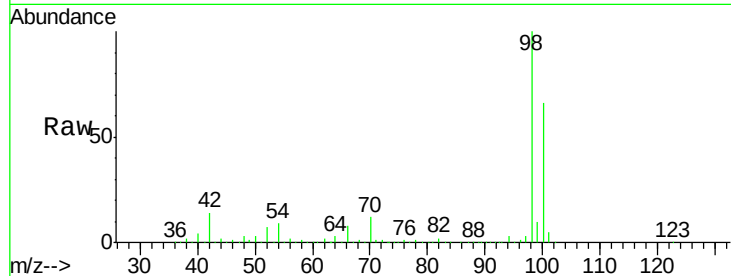




#50
Toluene-d8
Concen: 53.147 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012309.D
Acq: 11 Sep 2019 18:26

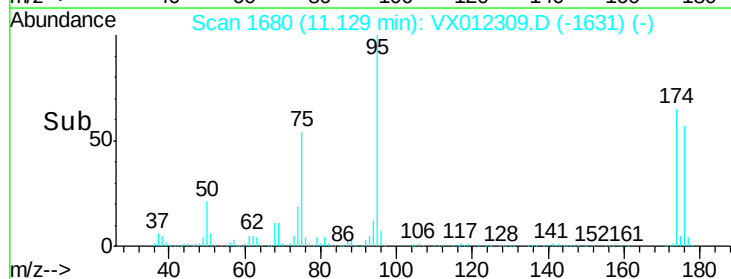
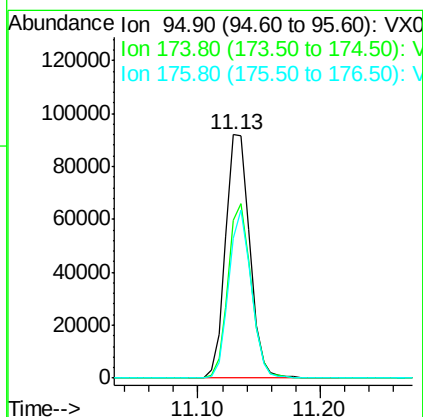
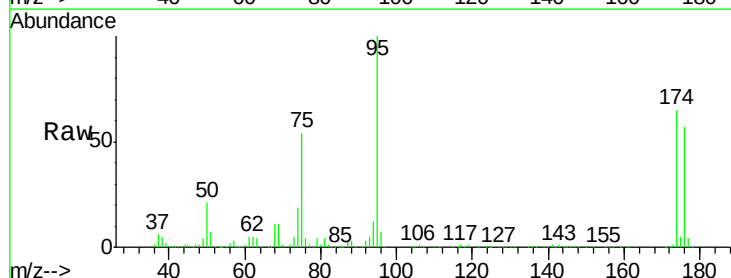
Instrument :
MSVOA_X
ClientSampleId :
T11-C4-(4)

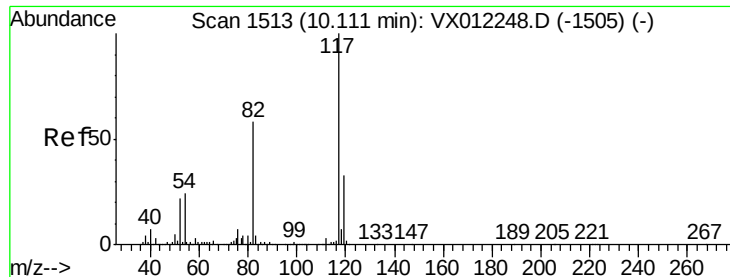
Tot Ion: 98 Resp: 344552
Ion Ratio Lower Upper
98 100
100 66.5 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 41.875 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012309.D
Acq: 11 Sep 2019 18:26

Tgt Ion: 95 Resp: 125854
Ion Ratio Lower Upper
95 100
174 68.2 0.0 127.0
176 64.1 0.0 125.8

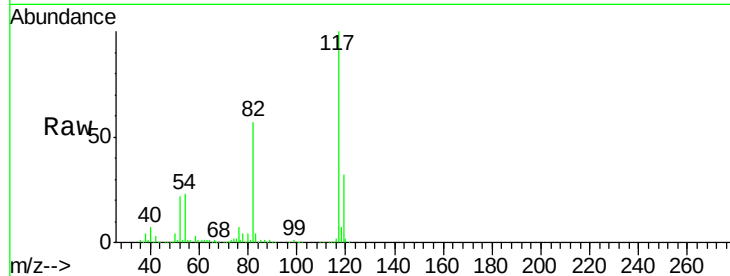




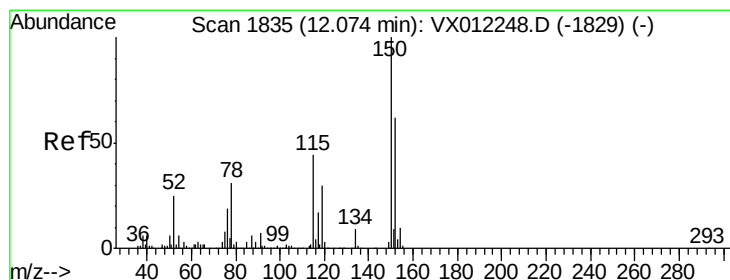
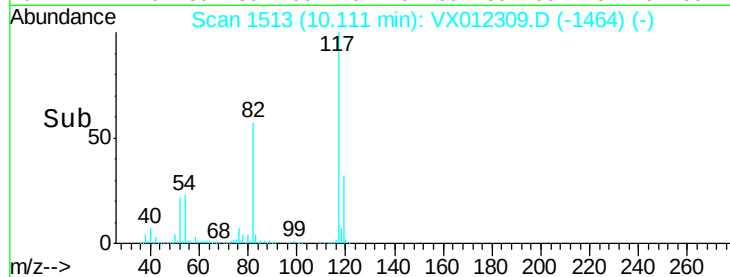
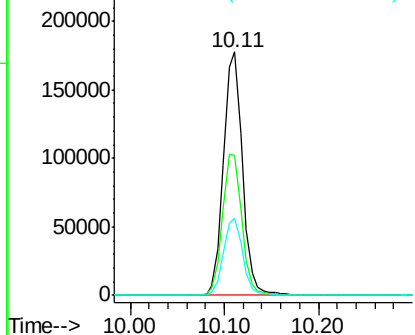
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012309.D
Acq: 11 Sep 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
T11-C4-(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.4	69.6
119	31.5	26.6	39.8

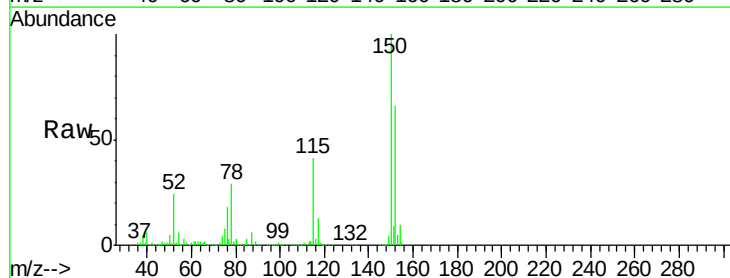


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012309.D
Acq: 11 Sep 2019 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	45.5	136.4
150	153.3	0.0	346.4



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

