

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX012005.D
 Acq On : 01 Sep 2019 21:15
 Operator : SY/SP
 Sample : K4525-02
 Misc : 5.81g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A1-(0)

Quant Time: Sep 02 05:27:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

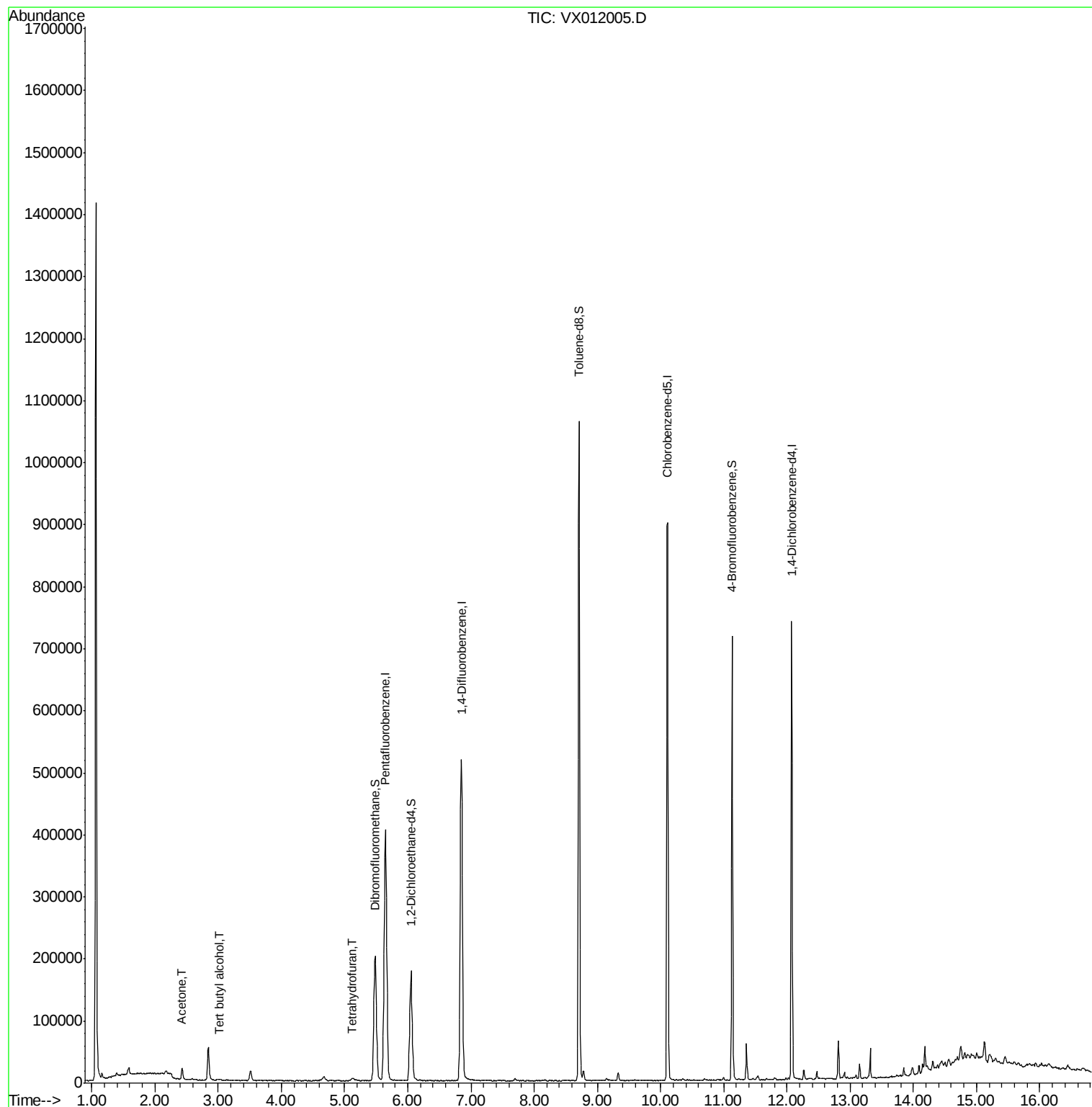
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	441577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	438427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	160580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	174017	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
35) Dibromofluoromethane	5.48	113	164272	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
50) Toluene-d8	8.71	98	611757	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	173540	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.14%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	3046	7.484	ug/l	95
16) Acetone	2.42	43	19189	21.080	ug/l	97
29) Tetrahydrofuran	5.12	42	5339	6.452	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 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: VX012005.D

Acq: 01 Sep 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

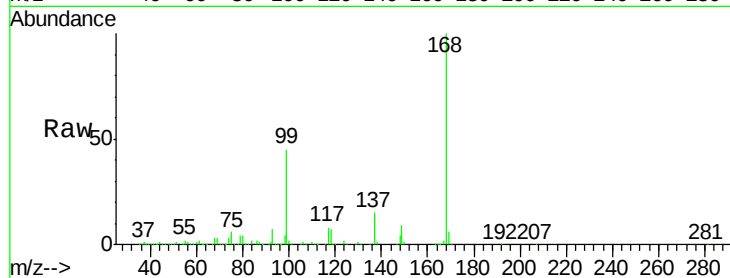
T9-12-13-A1-(0)

Tot Ion:168 Resp: 441577

Ion Ratio Lower Upper

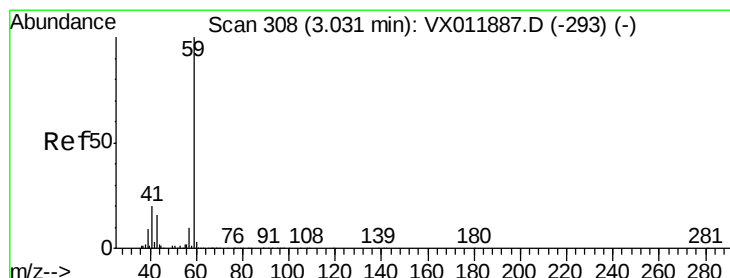
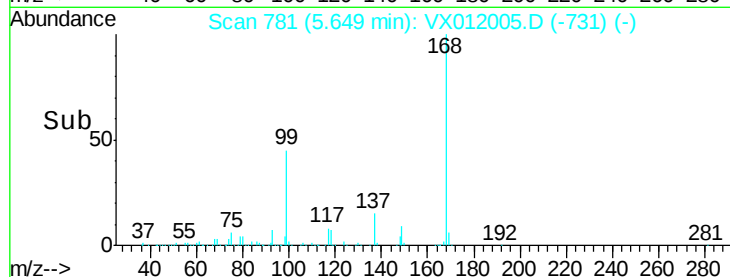
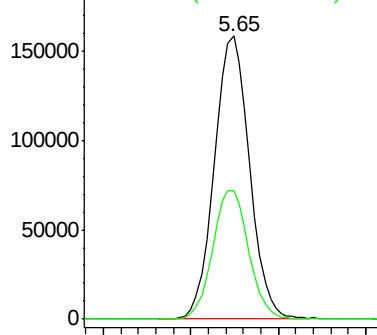
168 100

99 45.1 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 7.484 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX012005.D

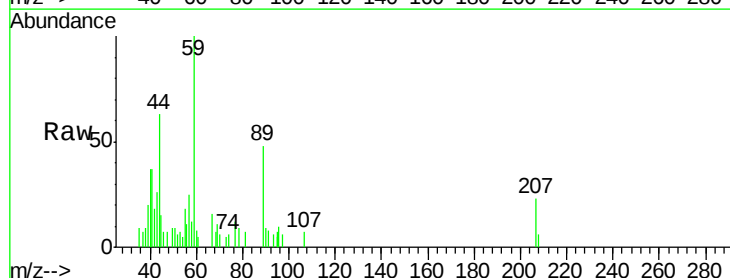
Acq: 01 Sep 2019 21:15

Tgt Ion: 59 Resp: 3046

Ion Ratio Lower Upper

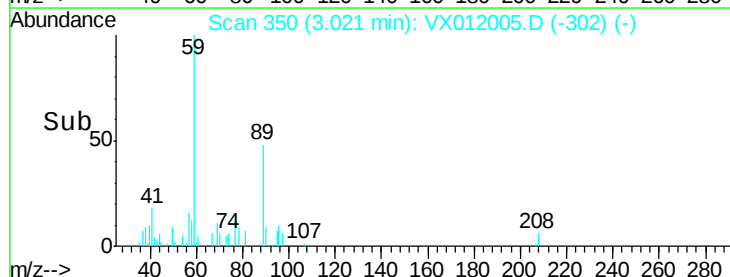
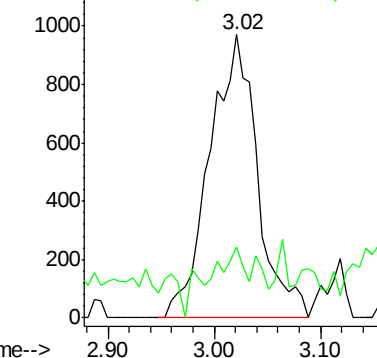
59 100

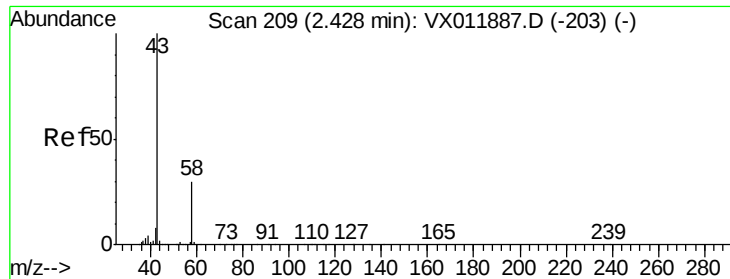
57 12.7 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 21.080 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.00 min

Lab File: VX012005.D

Acq: 01 Sep 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

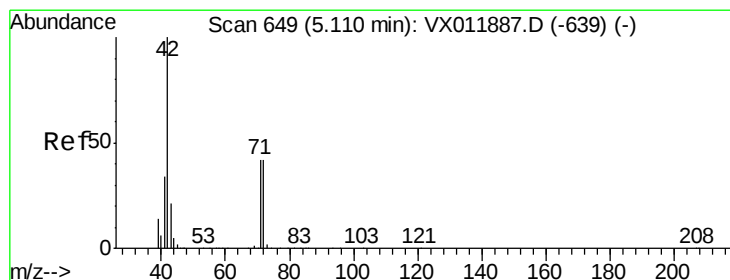
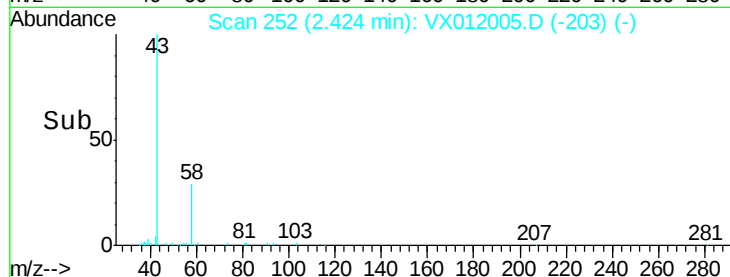
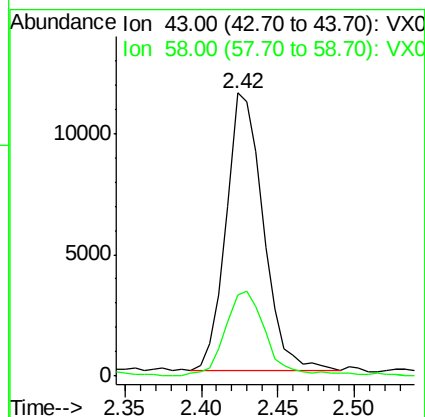
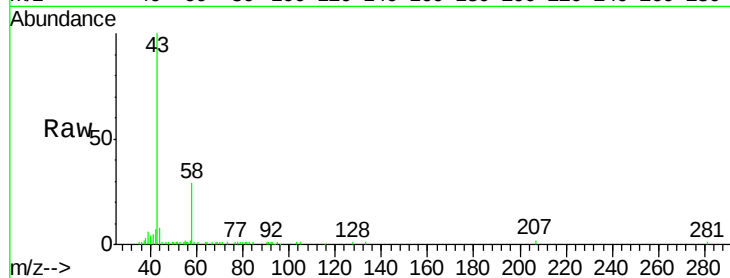
T9-12-13-A1-(0)

Tot Ion: 43 Resp: 19189

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.8



#29

Tetrahydrofuran

Concen: 6.452 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012005.D

Acq: 01 Sep 2019 21:15

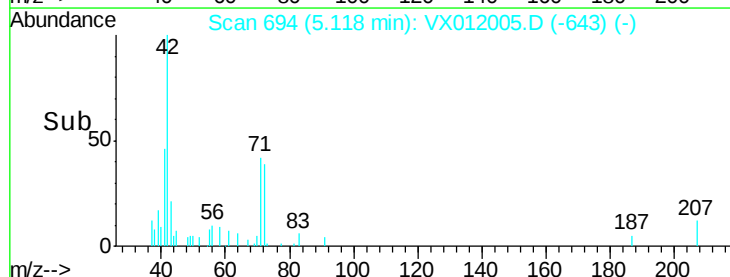
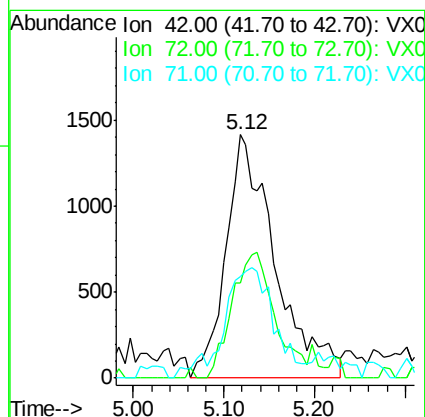
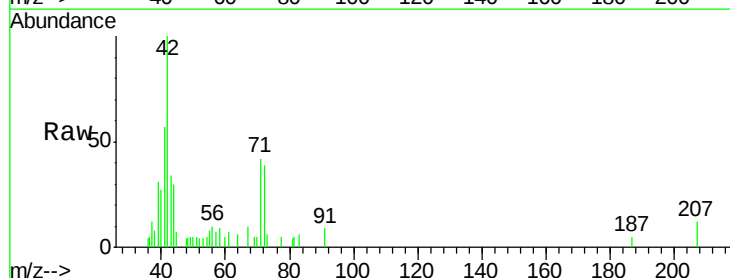
Tgt Ion: 42 Resp: 5339

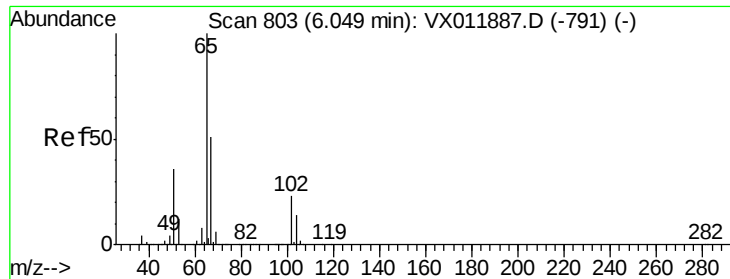
Ion Ratio Lower Upper

42 100

72 44.9 36.2 54.4

71 42.3 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 41.132 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.00 min

Lab File: VX012005.D

Acq: 01 Sep 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

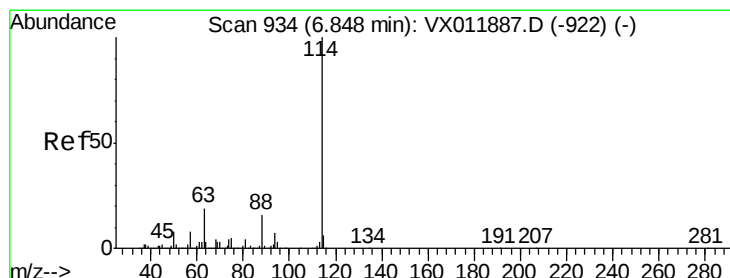
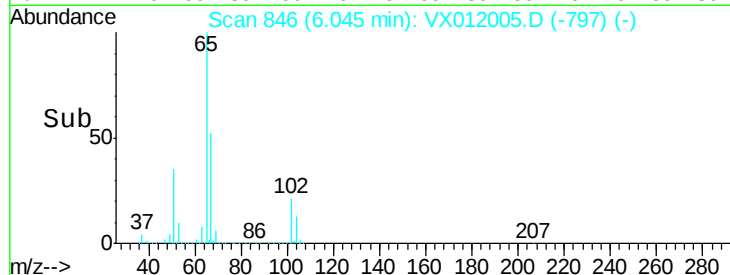
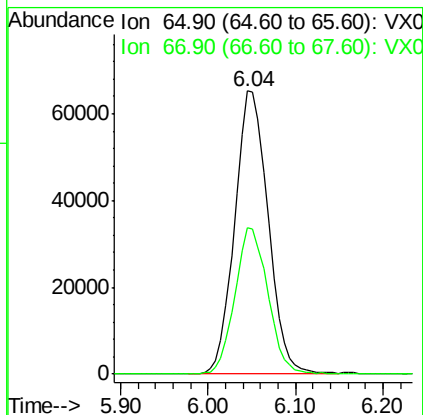
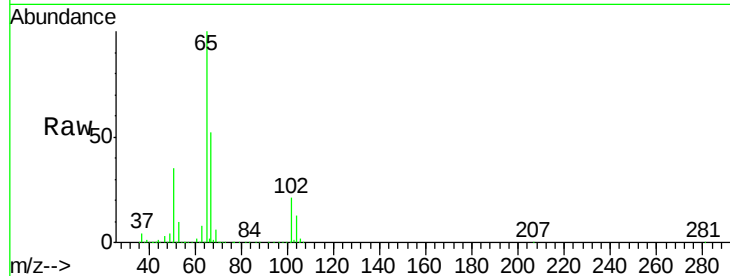
T9-12-13-A1-(0)

Tot Ion: 65 Resp: 174017

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012005.D

Acq: 01 Sep 2019 21:15

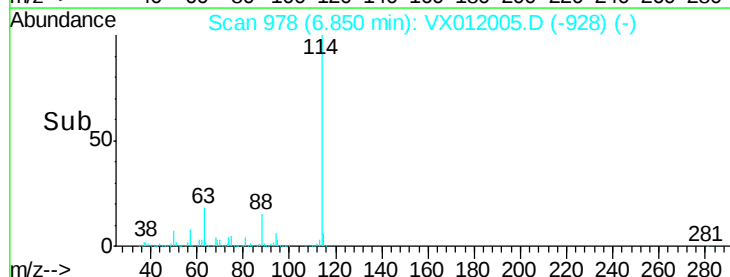
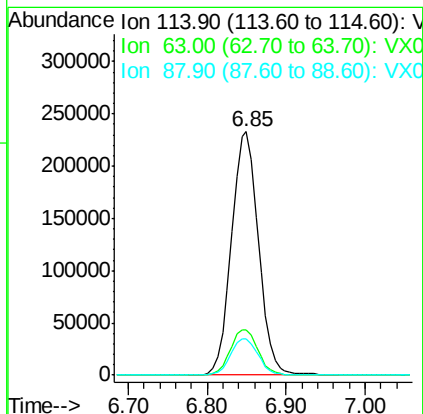
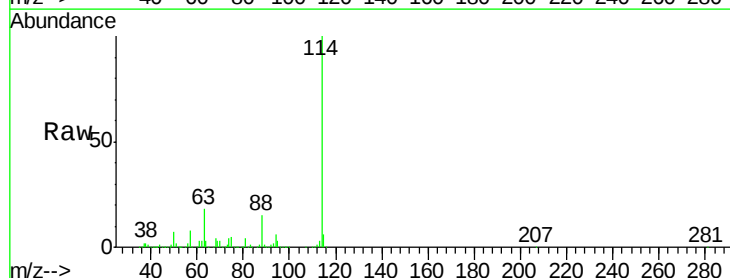
Tgt Ion: 114 Resp: 555491

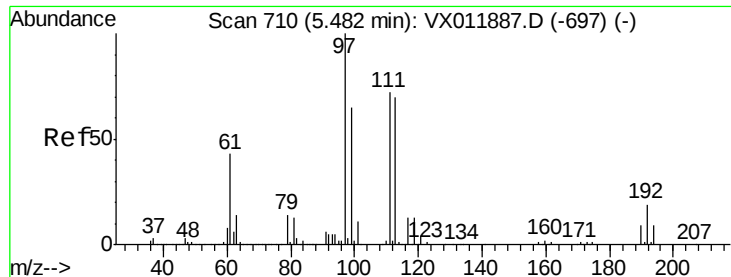
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

88 14.8 0.0 31.2

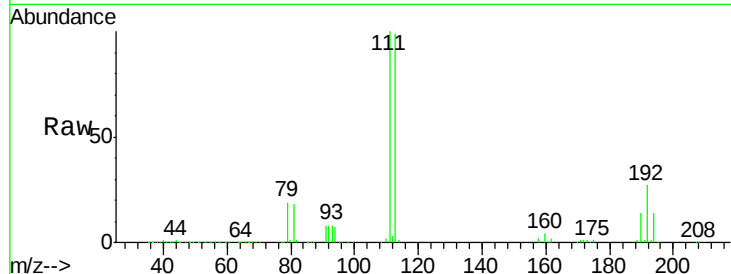




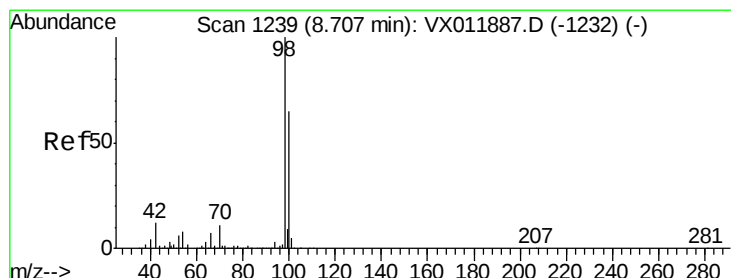
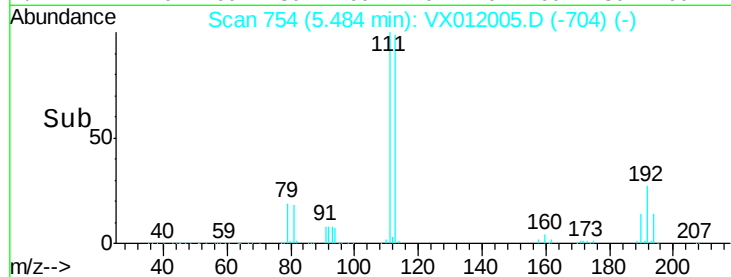
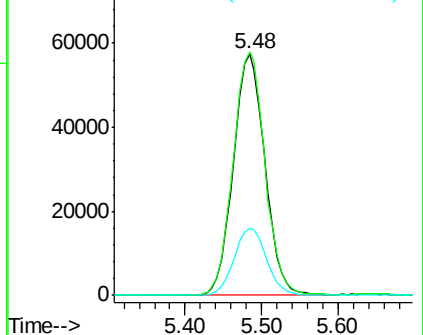
#35
 Dibromofluoromethane
 Concen: 46.117 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012005.D
 Acq: 01 Sep 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A1-(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	28.5	21.5	32.3

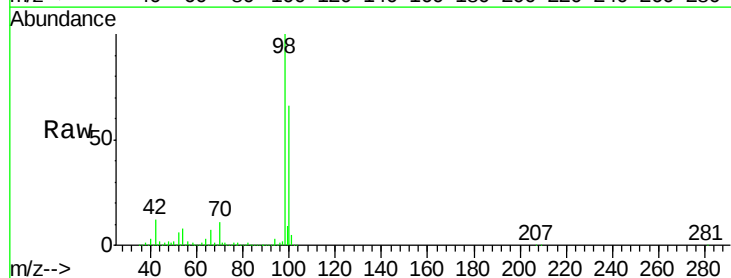


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

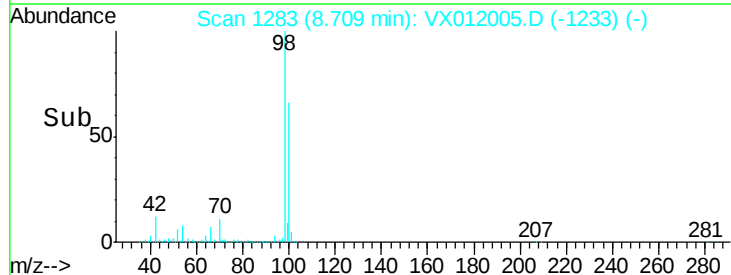
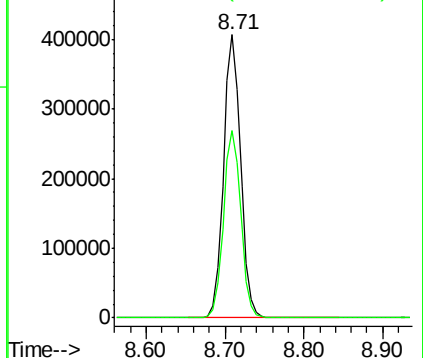


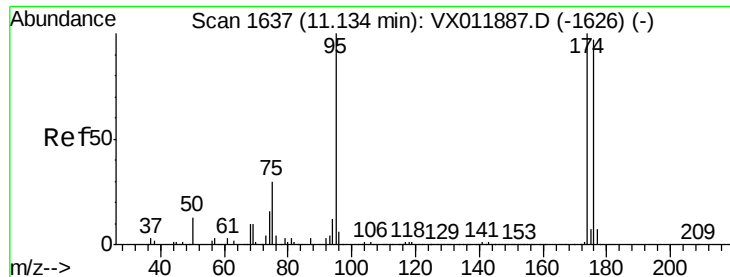
#50
 Toluene-d8
 Concen: 48.044 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012005.D
 Acq: 01 Sep 2019 21:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.6



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

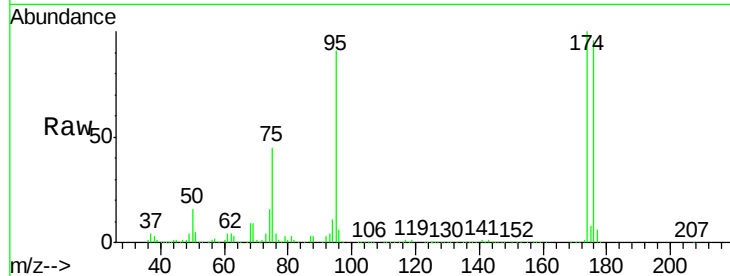




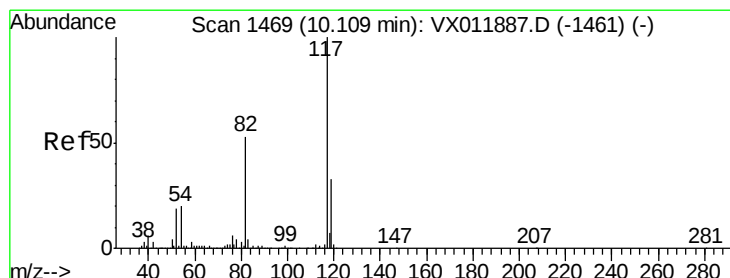
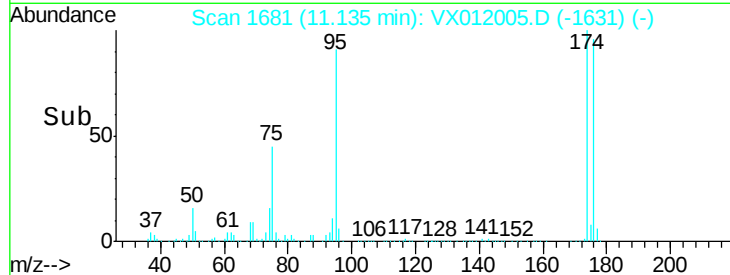
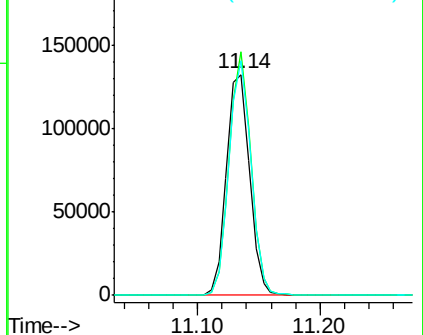
#62
4-Bromofluorobenzene
Concen: 31.069 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tot Ion: 95 Resp: 173540
Ion Ratio Lower Upper
95 100
174 102.7 0.0 196.0
176 101.1 0.0 191.4

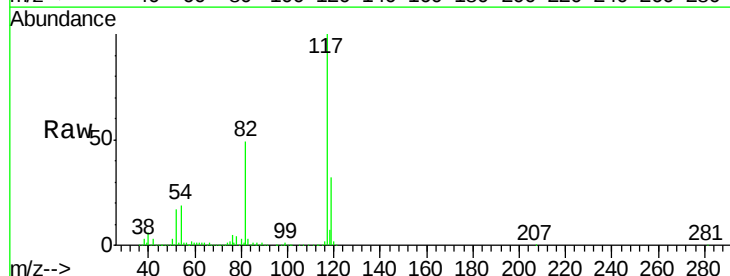


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

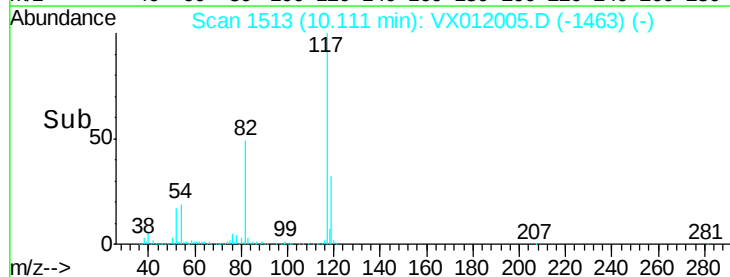
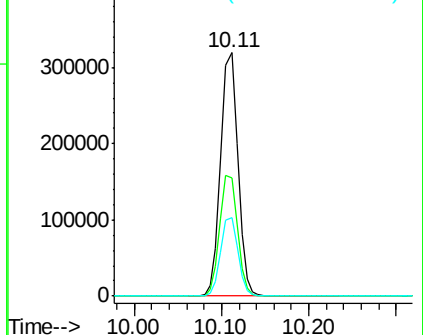


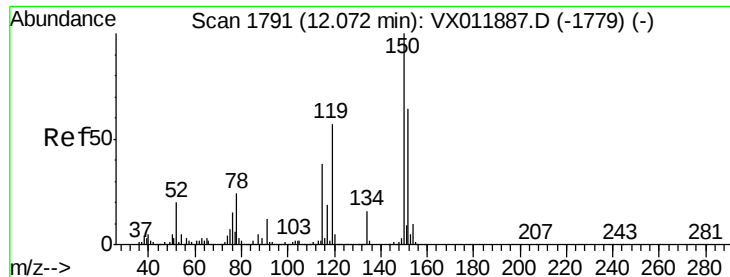
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion: 117 Resp: 438427
Ion Ratio Lower Upper
117 100
82 48.5 42.0 63.0
119 32.5 26.2 39.4



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: VX012005.D

Acq: 01 Sep 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A1-(0)

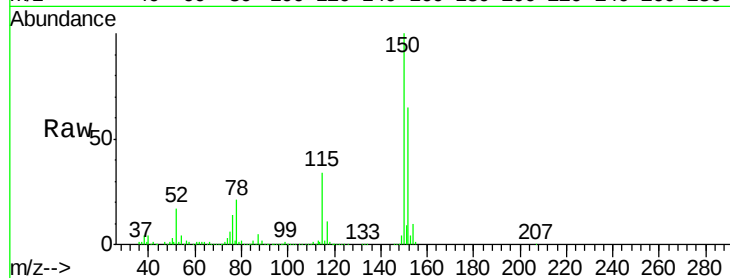
Tot Ion:152 Resp: 160580

Ion Ratio Lower Upper

152 100

115 52.1 37.1 111.3

150 154.9 0.0 339.6



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

