

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012106.D
 Acq On : 05 Sep 2019 17:38
 Operator : SY/SP
 Sample : K4545-05RE
 Misc : 6.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E2-(2.25)RE

Quant Time: Sep 06 06:46:24 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

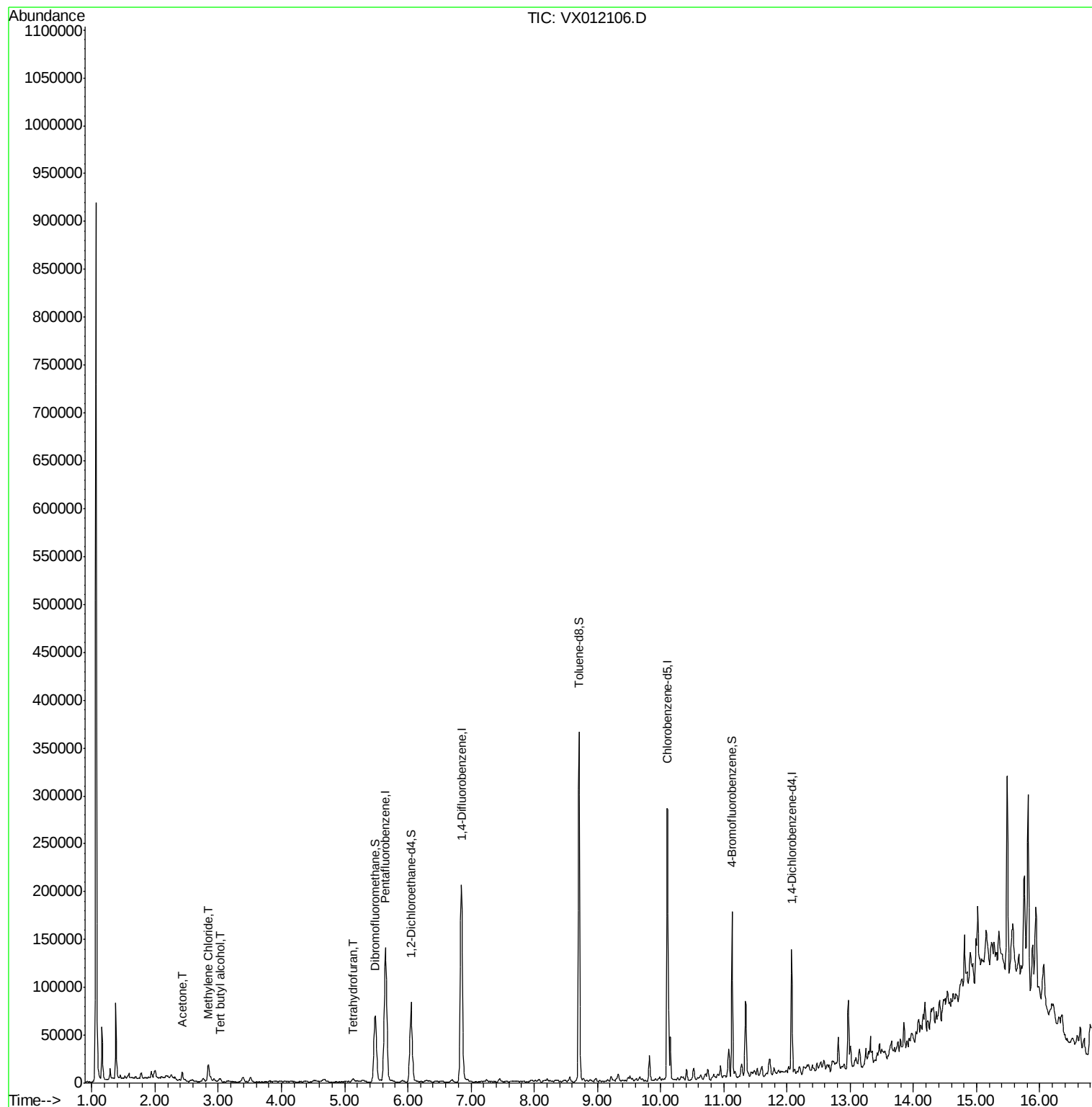
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	117606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	196850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	123753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	22297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	80597	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	5.48	113	60702	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	203102	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	11.14	95	49731	24.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	4215	27.043	ug/l #	92
16) Acetone	2.43	43	9872	25.452	ug/l	98
20) Methylene Chloride	2.84	84	8415	5.403	ug/l	91
29) Tetrahydrofuran	5.14	42	2651	8.912	ug/l #	92

(#) = 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
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: VX012106.D

Acq: 05 Sep 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

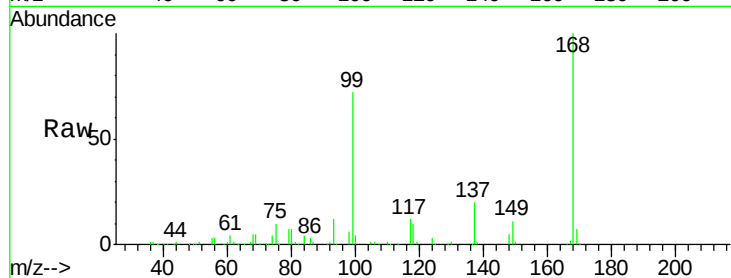
T16-17-E2-(2.25)RE

Tot Ion:168 Resp: 117606

Ion Ratio Lower Upper

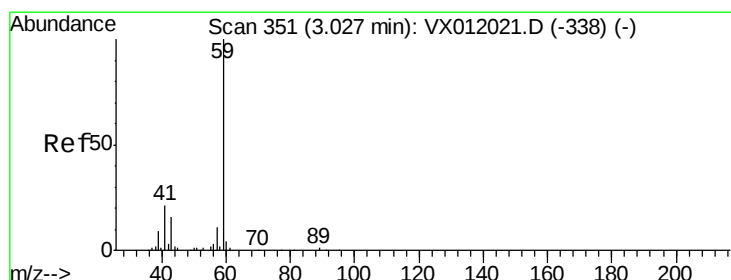
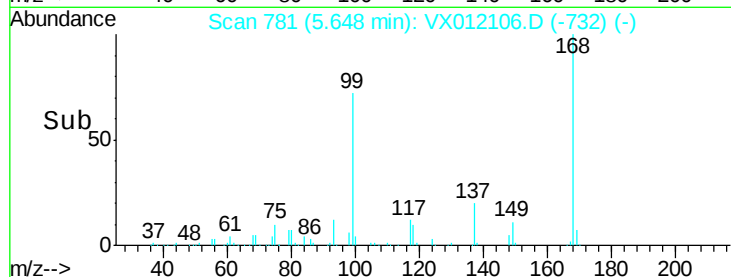
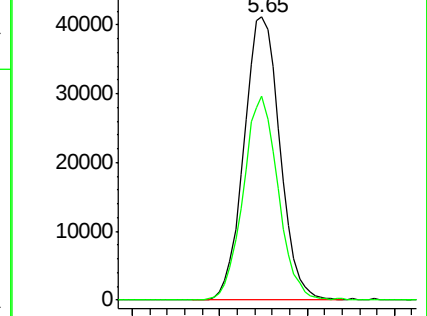
168 100

99 72.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 27.043 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX012106.D

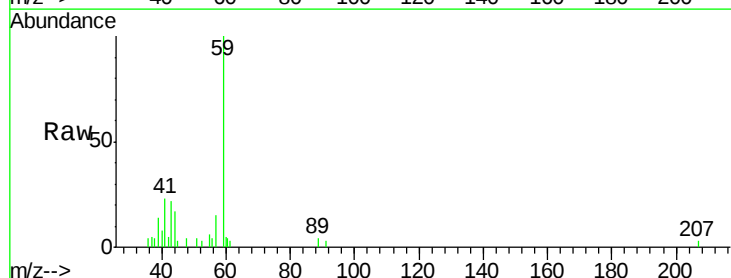
Acq: 05 Sep 2019 17:38

Tgt Ion: 59 Resp: 4215

Ion Ratio Lower Upper

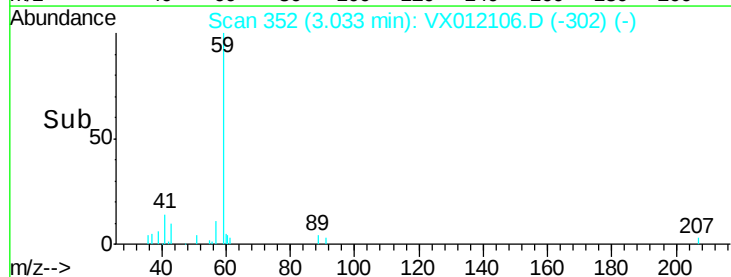
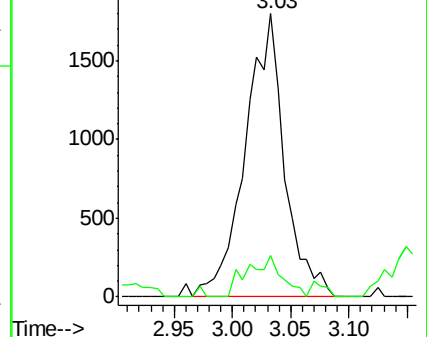
59 100

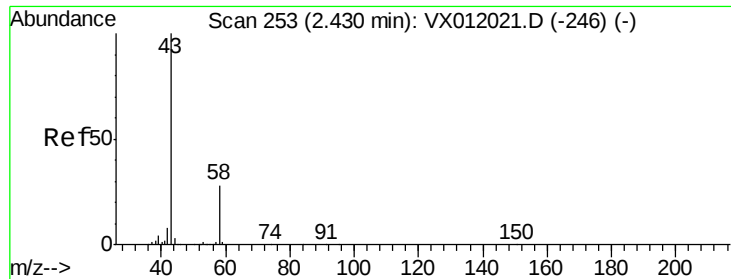
57 12.8 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 25.452 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012106.D

Acq: 05 Sep 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

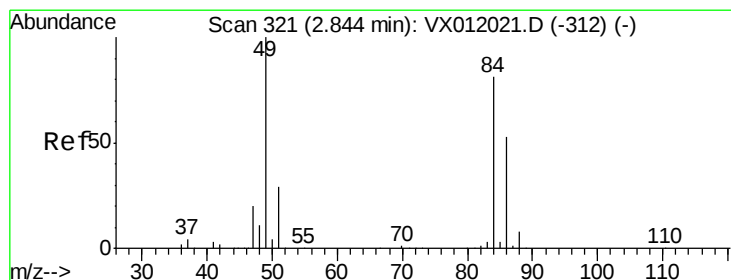
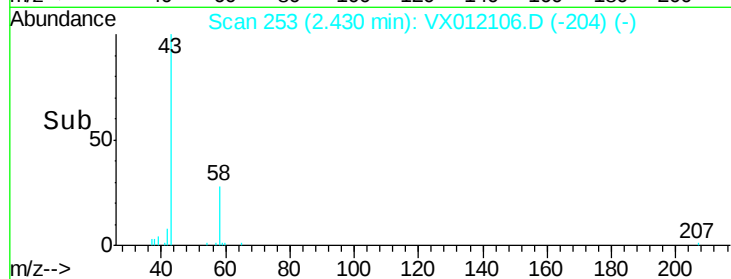
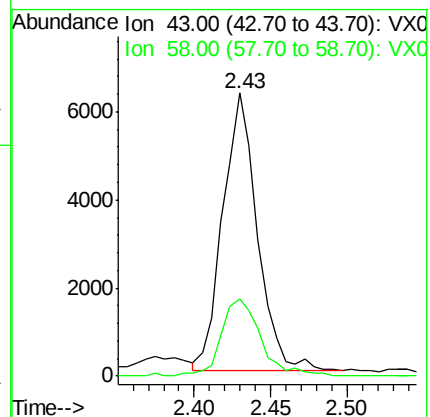
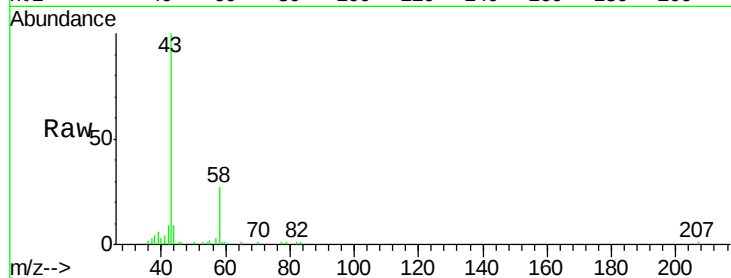
T16-17-E2-(2.25)RE

Tot Ion: 43 Resp: 9872

Ion Ratio Lower Upper

43 100

58 27.7 22.8 34.2



#20

Methylene Chloride

Concen: 5.403 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012106.D

Acq: 05 Sep 2019 17:38

Tgt Ion: 84 Resp: 8415

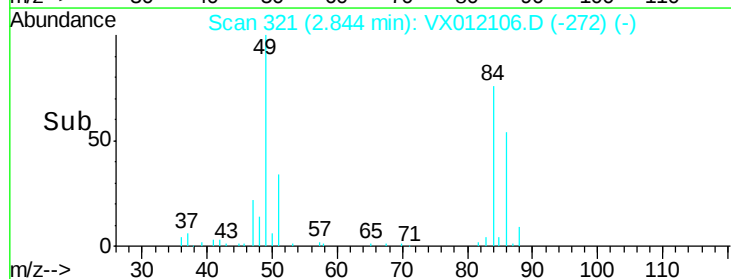
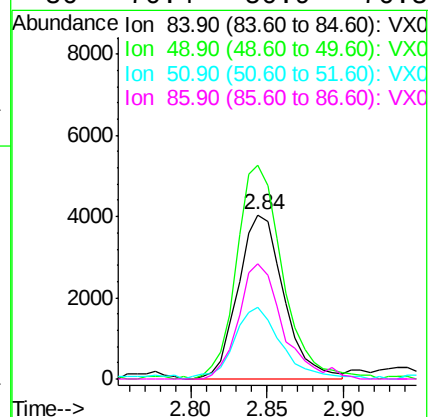
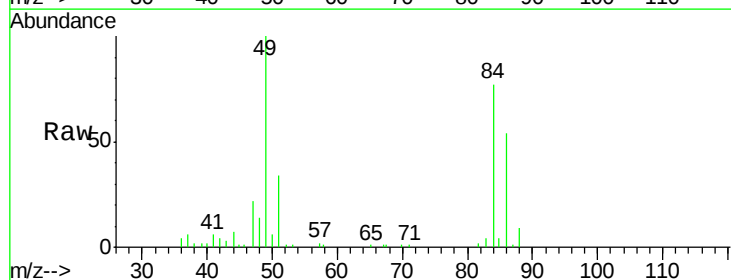
Ion Ratio Lower Upper

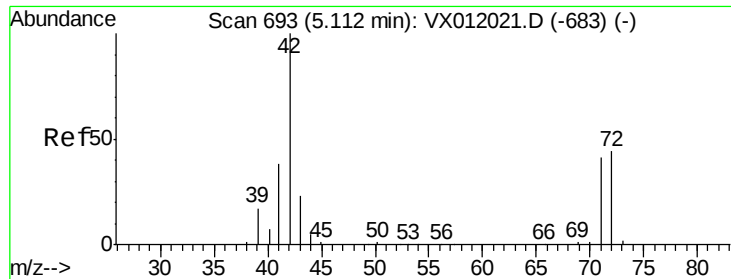
84 100

49 130.3 95.8 143.8

51 42.0 28.6 43.0

86 70.4 50.9 76.3





#29

Tetrahydrofuran

Concen: 8.912 ug/l

RT: 5.14 min Scan# 698

Delta R.T. 0.03 min

Lab File: VX012106.D

Acq: 05 Sep 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E2-(2.25)RE

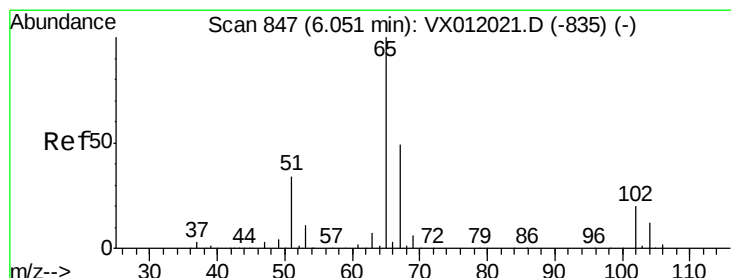
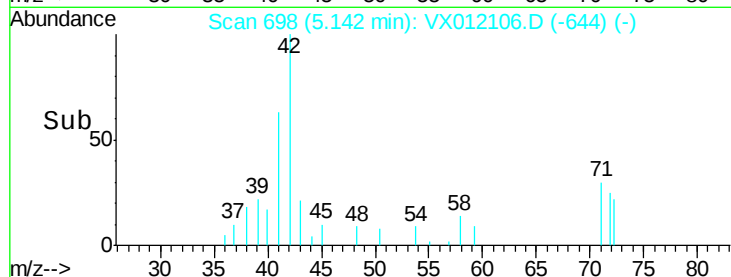
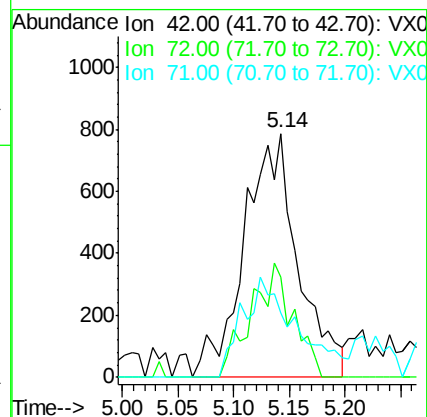
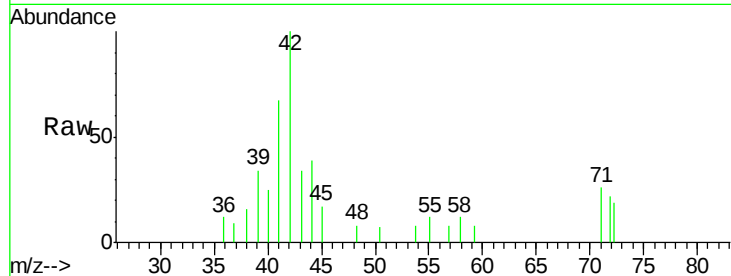
Tot Ion: 42 Resp: 2651

Ion Ratio Lower Upper

42 100

72 36.5 37.0 55.4#

71 41.5 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 49.668 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012106.D

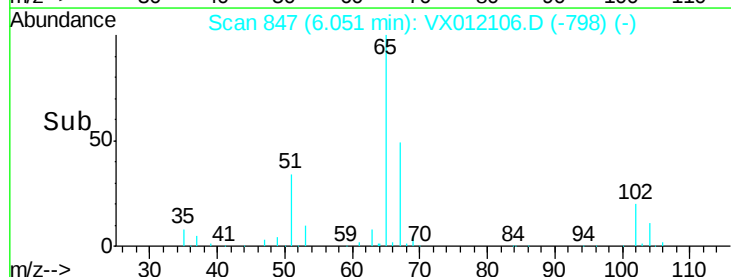
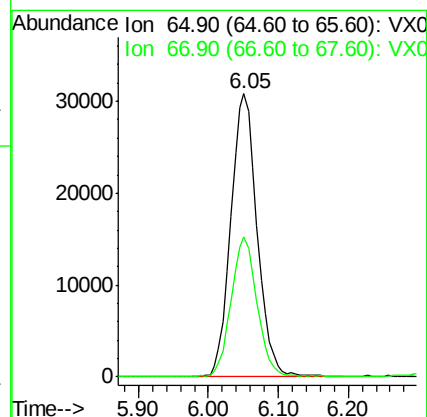
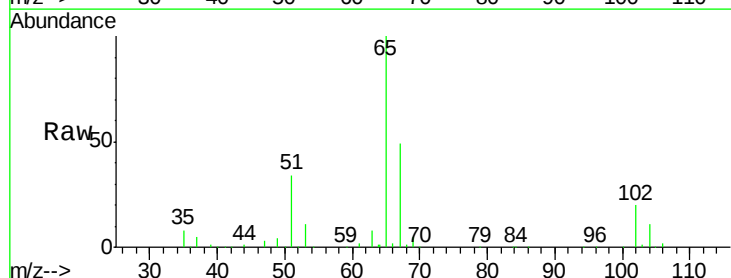
Acq: 05 Sep 2019 17:38

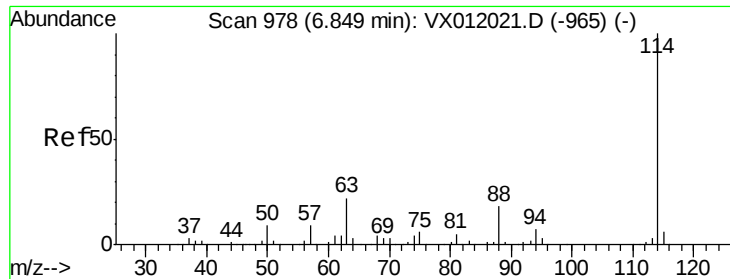
Tgt Ion: 65 Resp: 80597

Ion Ratio Lower Upper

65 100

67 48.8 0.0 102.0

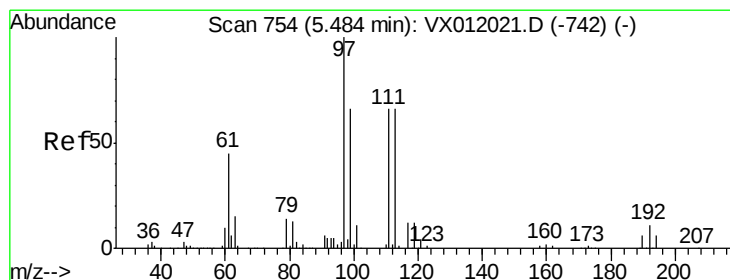
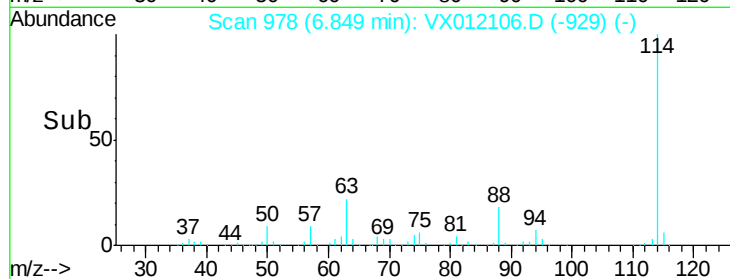
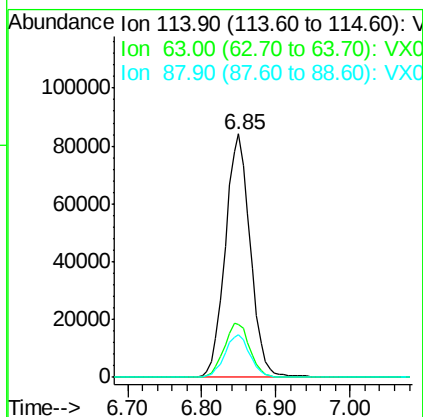
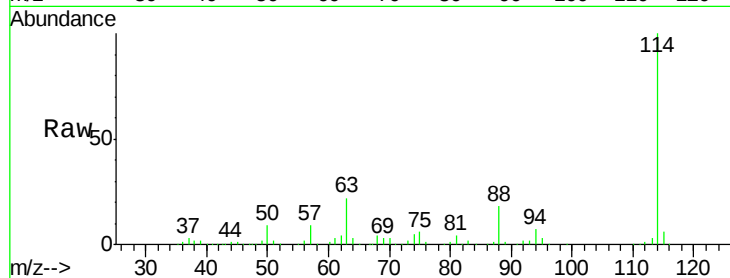




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012106.D
 Acq: 05 Sep 2019 17:38

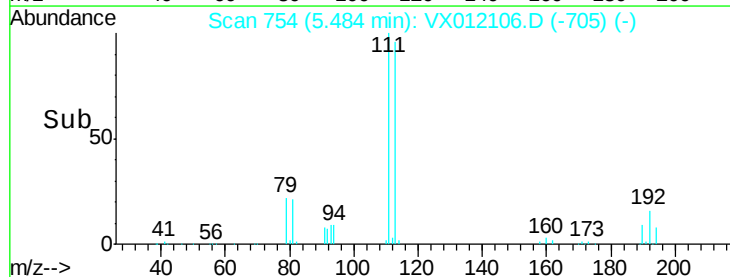
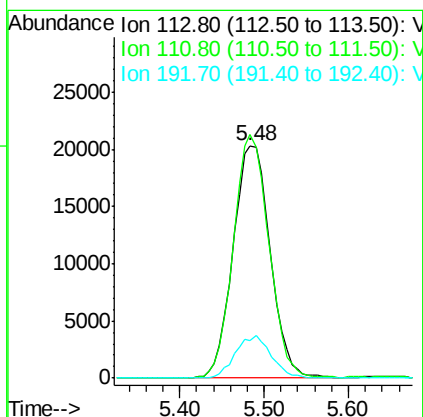
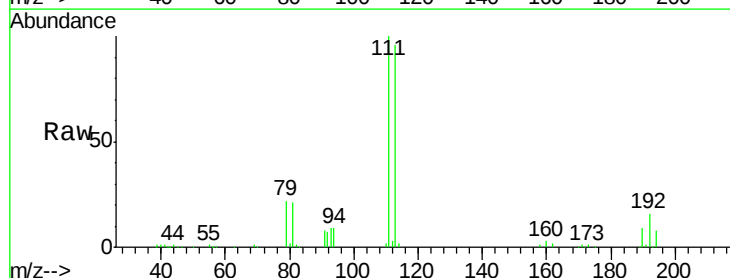
Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E2-(2.25)RE

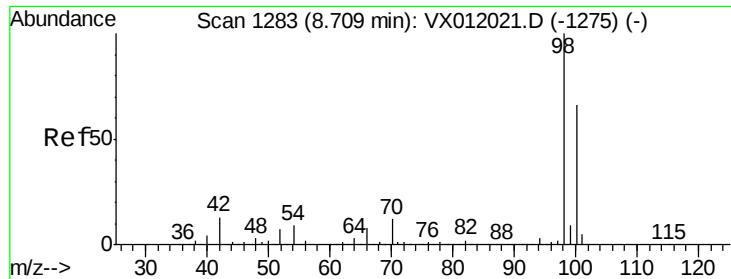
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	37.4
88	17.6	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 50.143 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012106.D
 Acq: 05 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.7	122.5
192	17.6	22.5	33.7#





#50

Toluene-d8

Concen: 45.721 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012106.D

Acq: 05 Sep 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

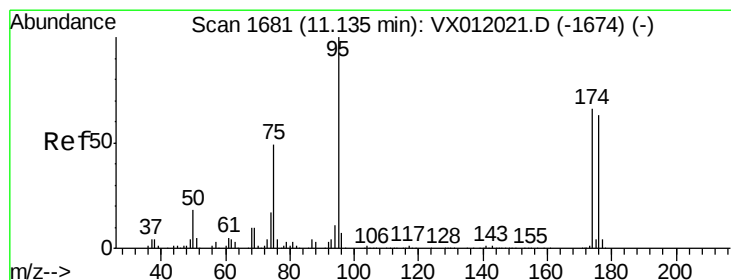
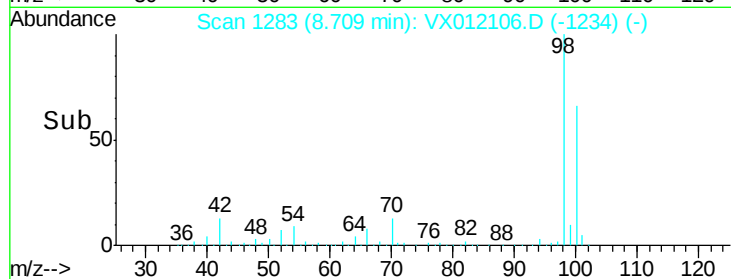
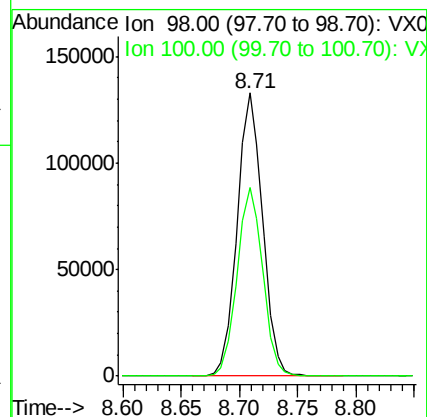
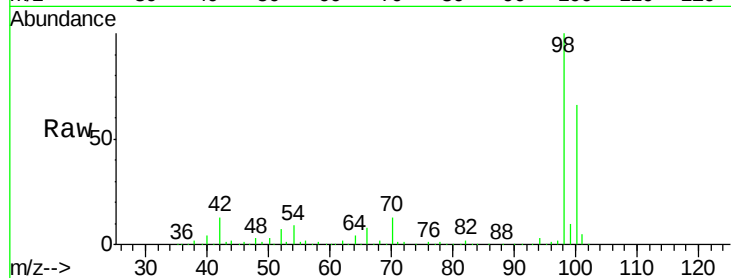
T16-17-E2-(2.25)RE

Tot Ion: 98 Resp: 203102

Ion Ratio Lower Upper

98 100

100 67.1 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 24.072 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012106.D

Acq: 05 Sep 2019 17:38

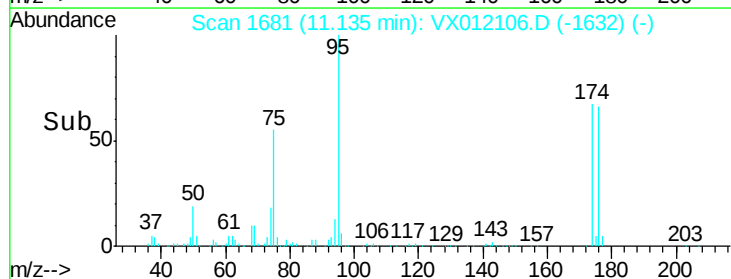
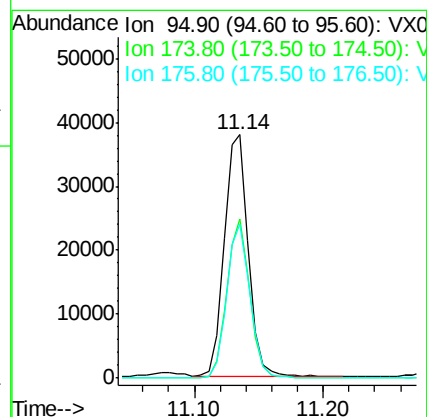
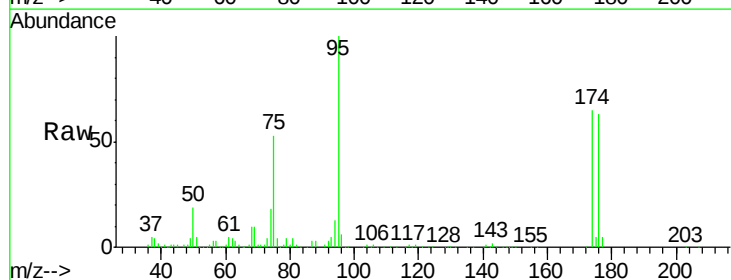
Tgt Ion: 95 Resp: 49731

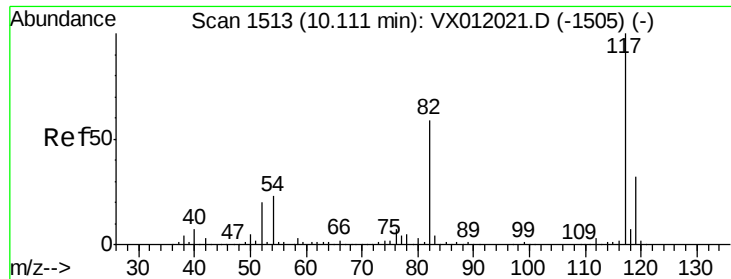
Ion Ratio Lower Upper

95 100

174 62.8 0.0 205.4

176 62.0 0.0 201.8

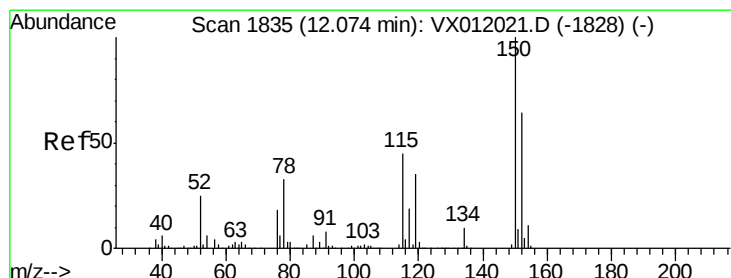
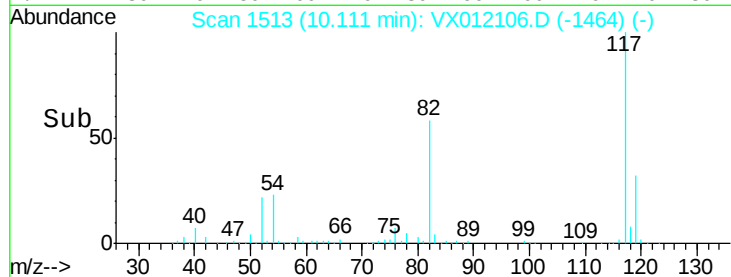
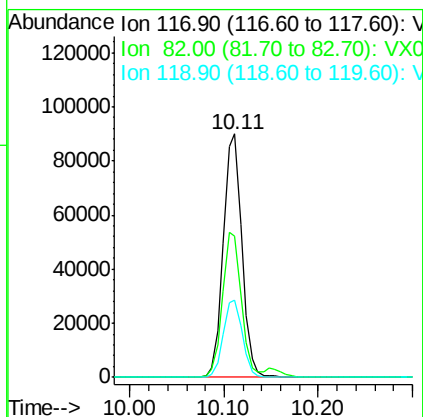
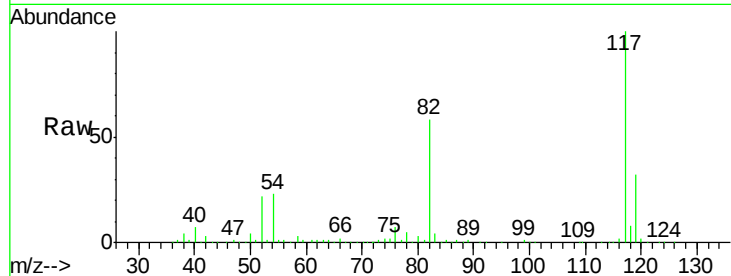




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012106.D
Acq: 05 Sep 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(2.25)RE

Tot Ion:117 Resp: 123753
Ion Ratio Lower Upper
117 100
82 58.0 39.4 59.0
119 31.9 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: VX012106.D
Acq: 05 Sep 2019 17:38

Tgt Ion:152 Resp: 22297
Ion Ratio Lower Upper
152 100
115 69.7 36.4 109.3
150 164.1 0.0 341.2

