

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012104.D
 Acq On : 05 Sep 2019 16:42
 Operator : SY/SP
 Sample : K4545-01RE
 Misc : 5.64g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E2-(0)RE

Quant Time: Sep 06 06:43:00 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

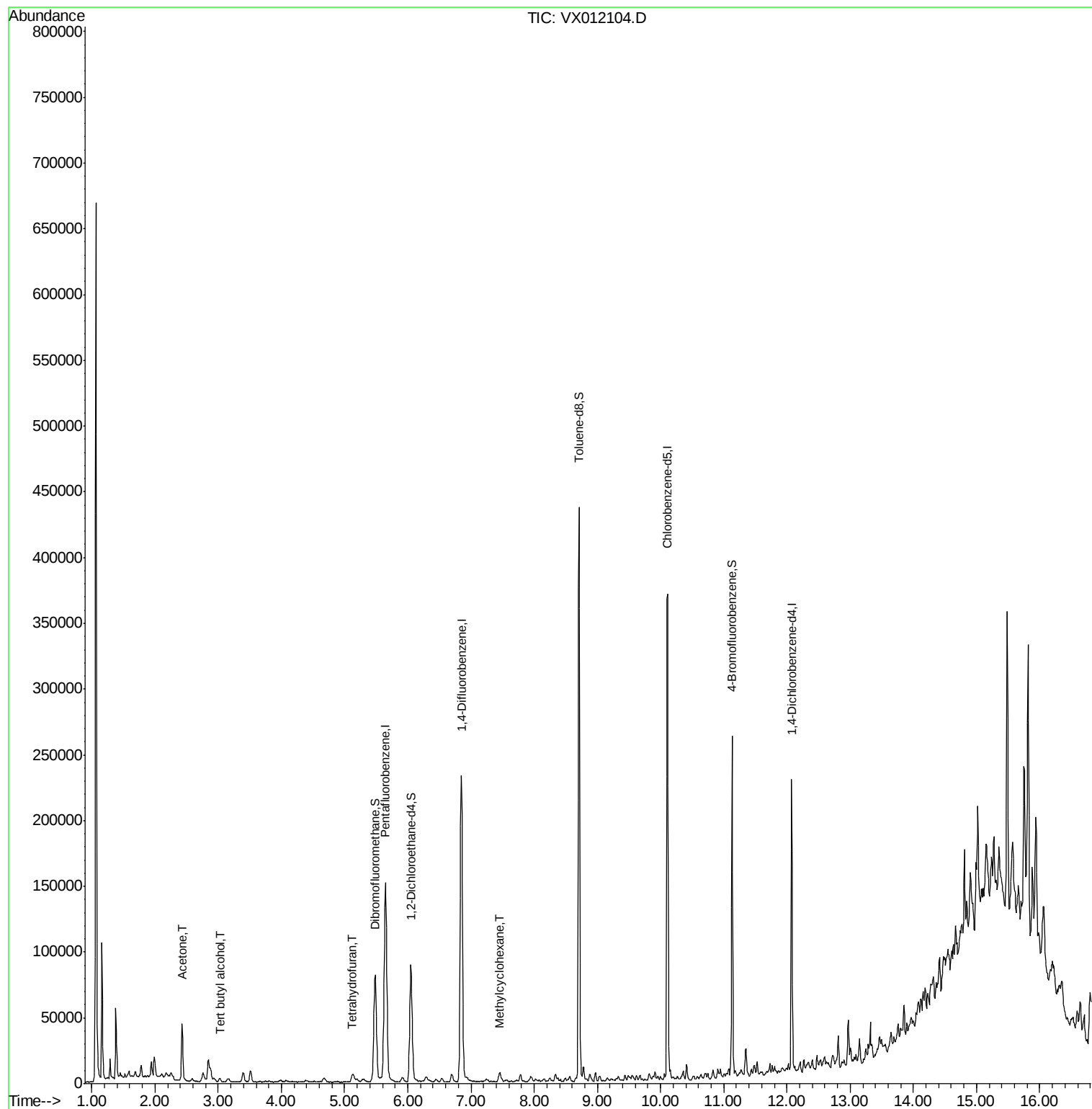
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	129175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	225347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	161710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	39404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	89647	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	5.48	113	68030	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	244395	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.14	95	72436	30.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.26%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	2723	15.906	ug/l #	85
16) Acetone	2.43	43	47743	112.067	ug/l	97
29) Tetrahydrofuran	5.12	42	5069	15.514	ug/l #	89
39) Methylcyclohexane	7.45	83	2750	1.194	ug/l	93

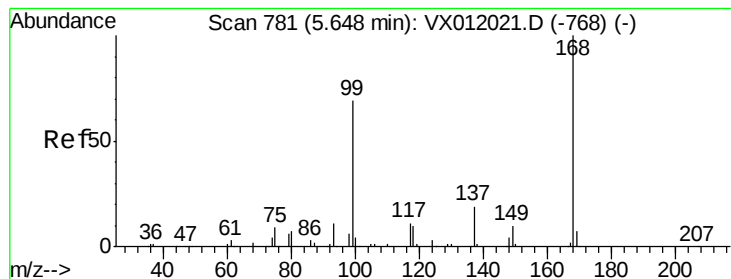
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 05 Sep 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

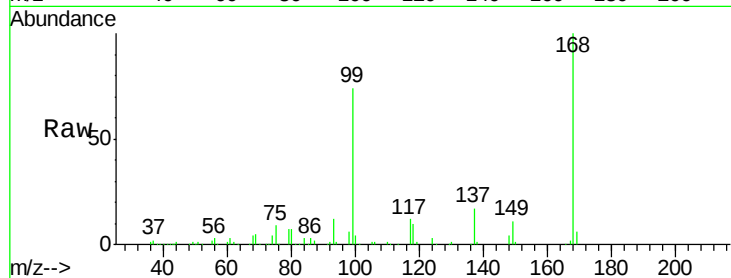
T16-17-E2-(0)RE

Tot Ion:168 Resp: 129175

Ion Ratio Lower Upper

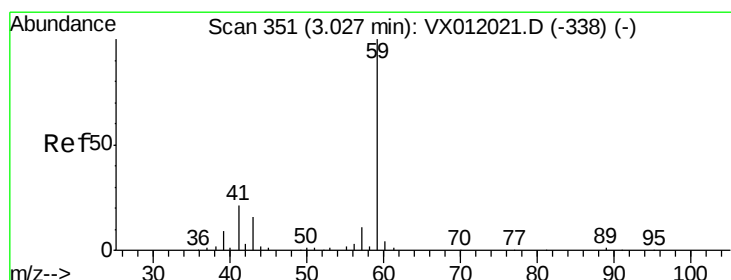
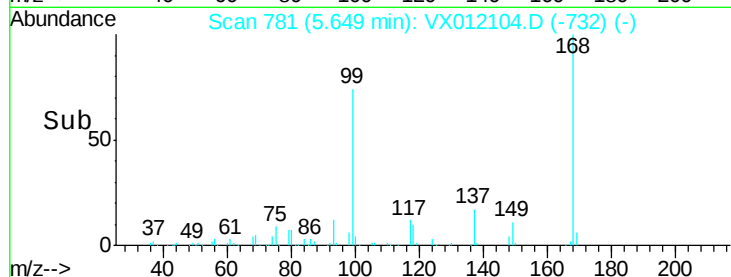
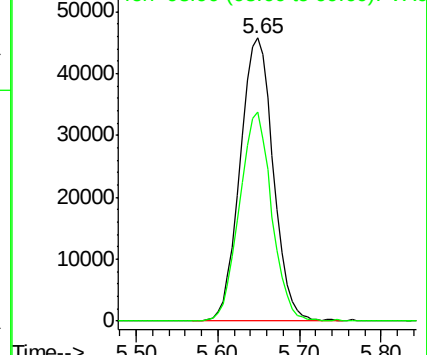
168 100

99 73.9 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: 15.906 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX012104.D

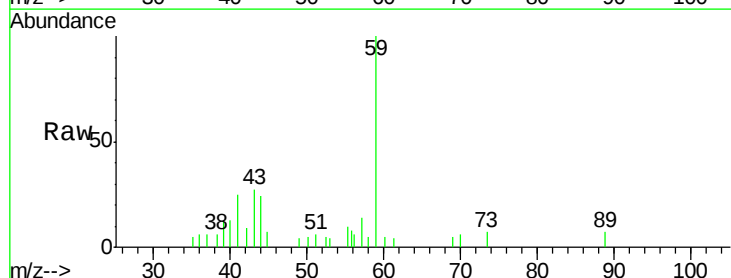
Acq: 05 Sep 2019 16:42

Tgt Ion: 59 Resp: 2723

Ion Ratio Lower Upper

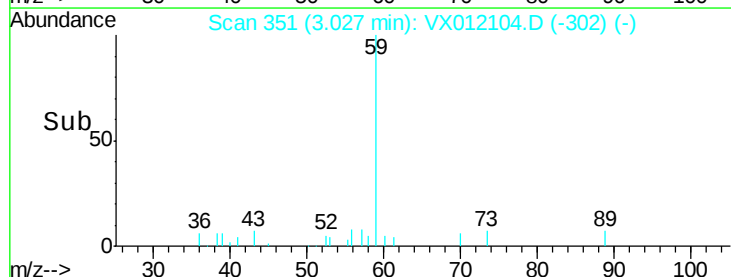
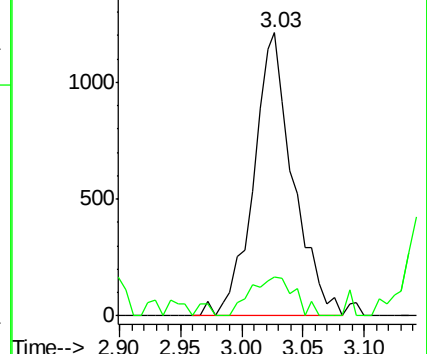
59 100

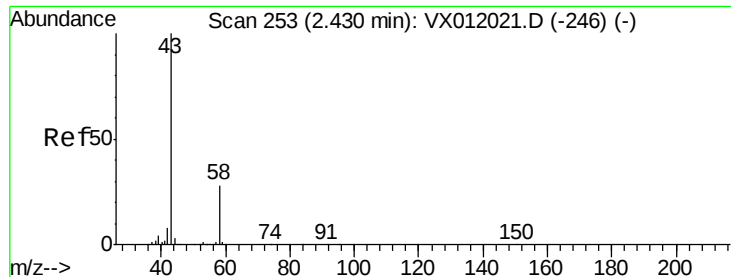
57 15.3 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 112.067 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

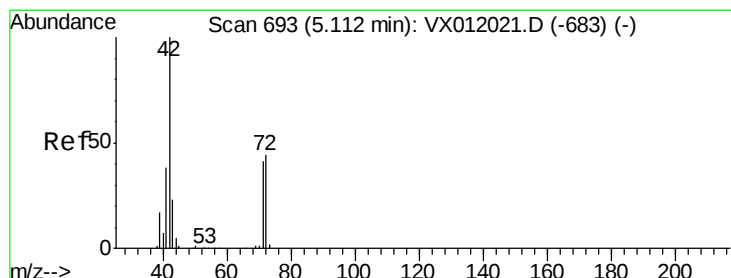
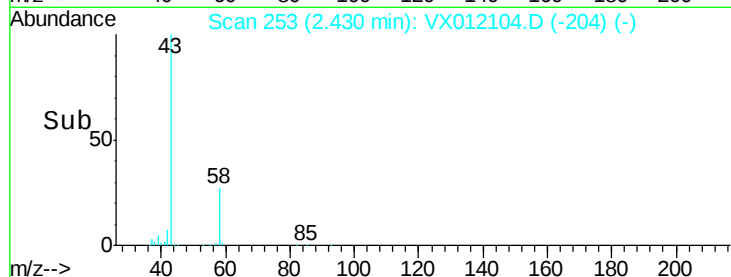
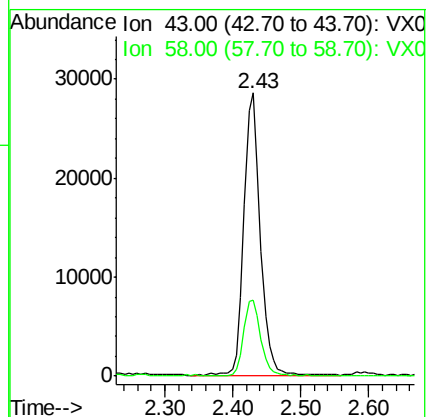
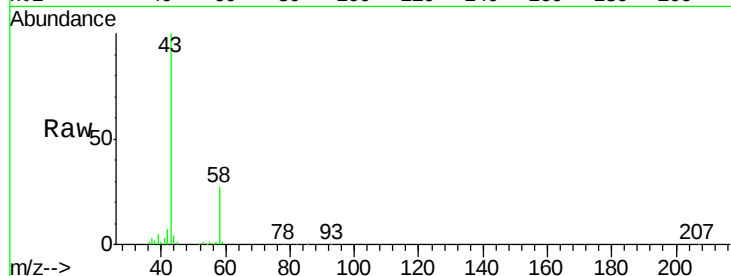
T16-17-E2-(0)RE

Tot Ion: 43 Resp: 47743

Ion Ratio Lower Upper

43 100

58 26.8 22.8 34.2



#29

Tetrahydrofuran

Concen: 15.514 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

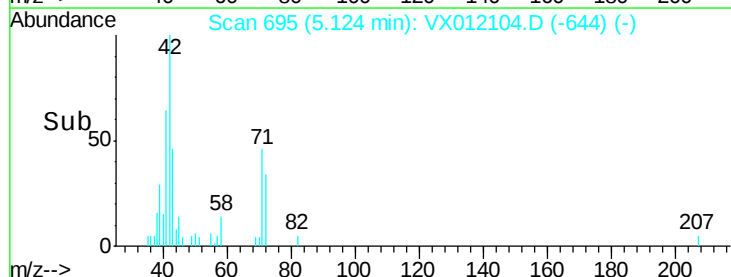
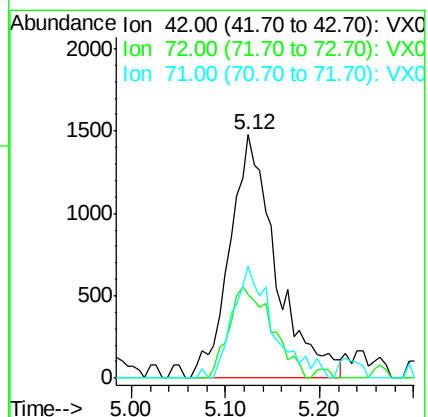
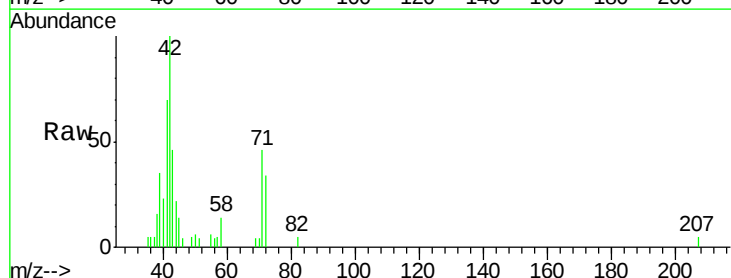
Tgt Ion: 42 Resp: 5069

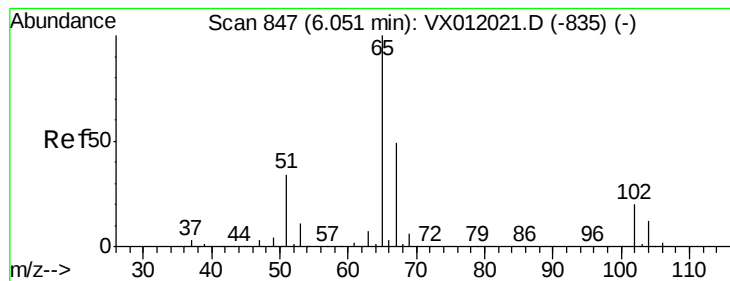
Ion Ratio Lower Upper

42 100

72 35.0 37.0 55.4#

71 39.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.297 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

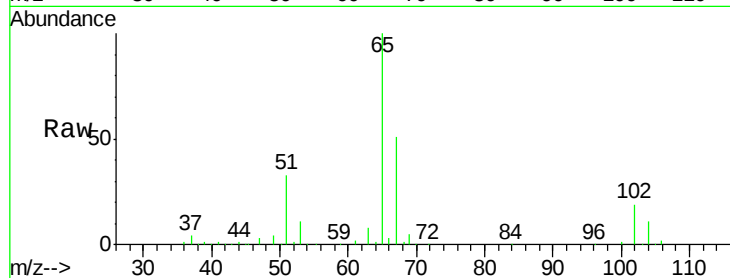
T16-17-E2-(0)RE

Tot Ion: 65 Resp: 89647

Ion Ratio Lower Upper

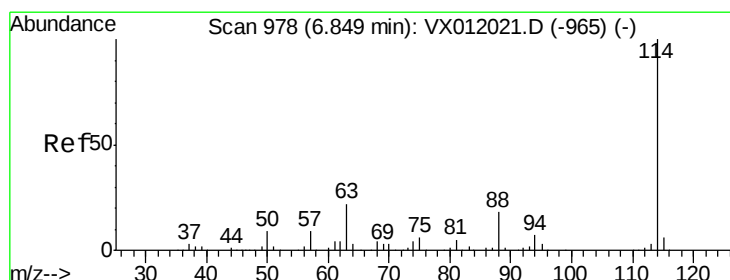
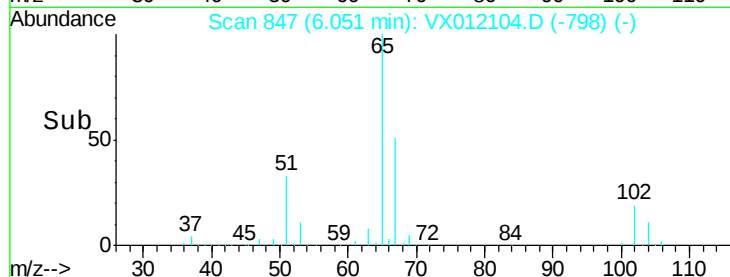
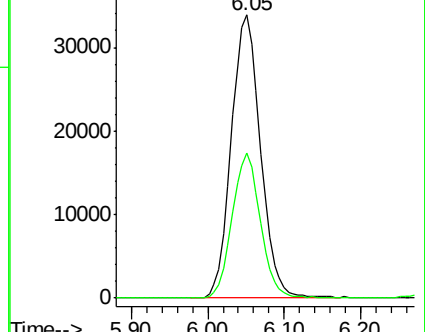
65 100

67 49.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

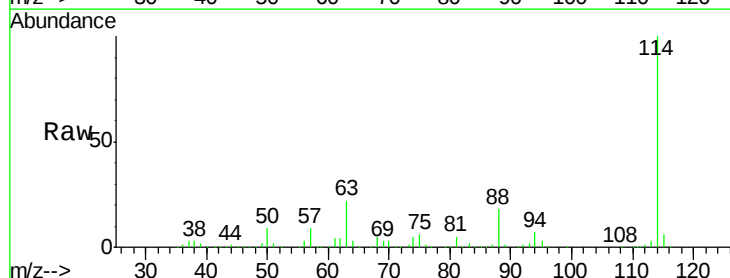
Tgt Ion: 114 Resp: 225347

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

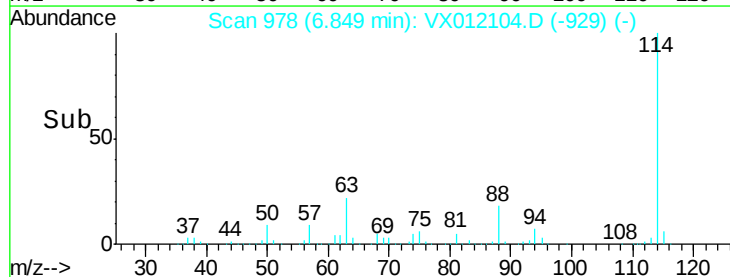
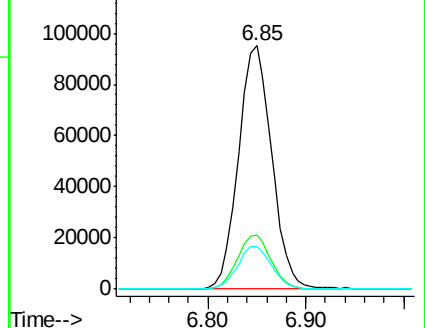
88 17.6 0.0 29.6

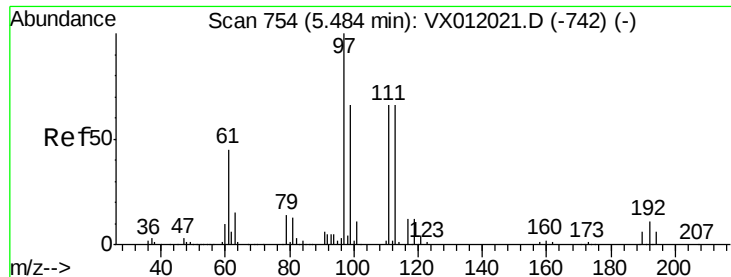


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.090 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E2-(0)RE

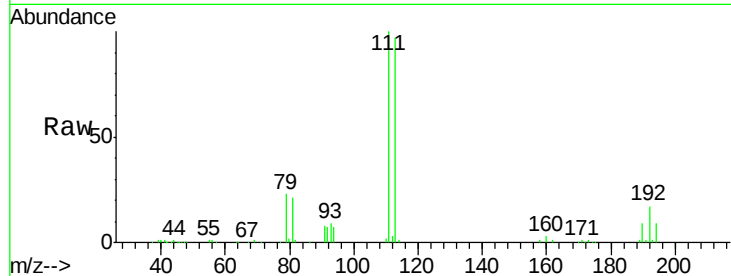
Tot Ion:113 Resp: 68030

Ion Ratio Lower Upper

113 100

111 104.8 81.7 122.5

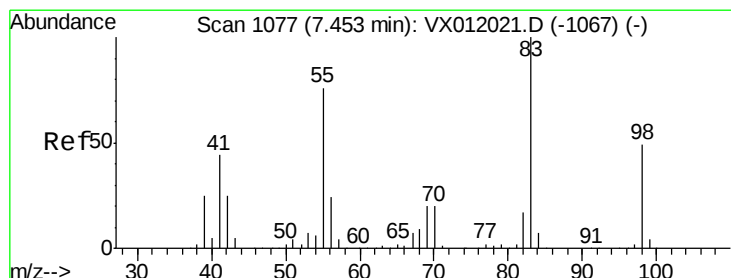
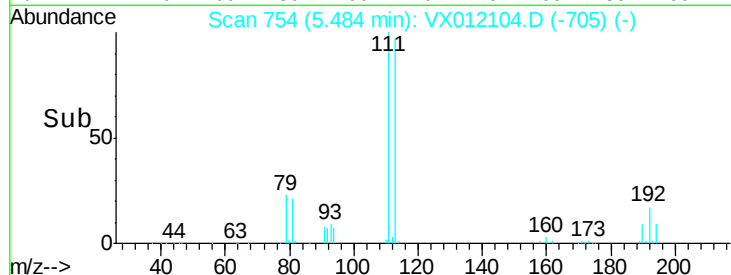
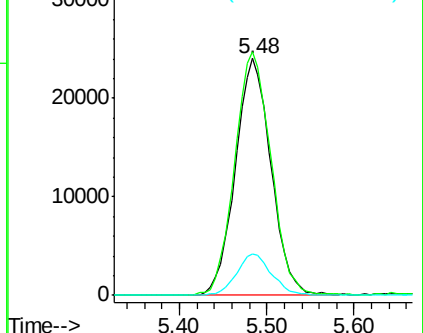
192 17.1 22.5 33.7#



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



#39

Methylcyclohexane

Concen: 1.194 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

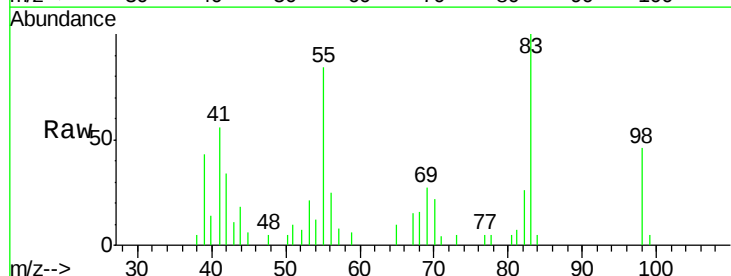
Tgt Ion: 83 Resp: 2750

Ion Ratio Lower Upper

83 100

55 79.4 59.6 89.4

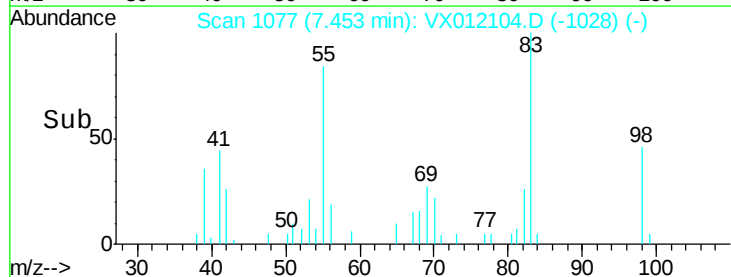
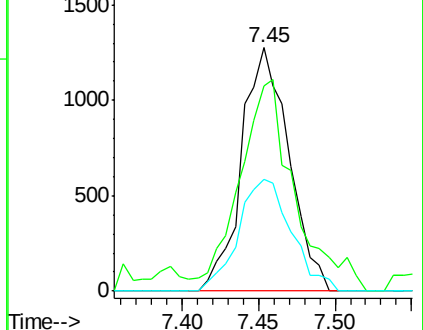
98 45.7 41.4 62.0

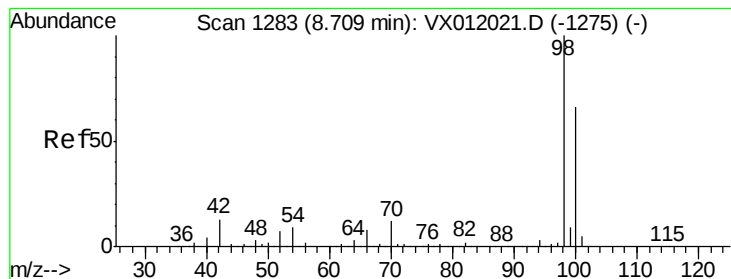


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.059 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

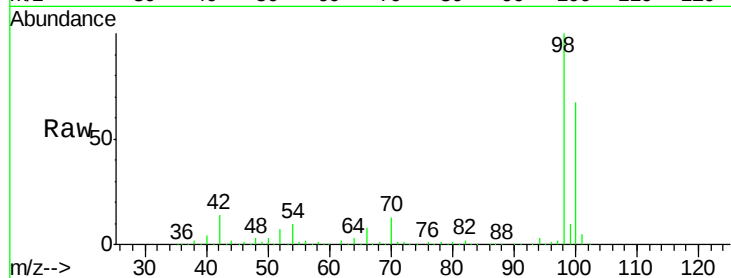
T16-17-E2-(0)RE

Tot Ion: 98 Resp: 244395

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

150000

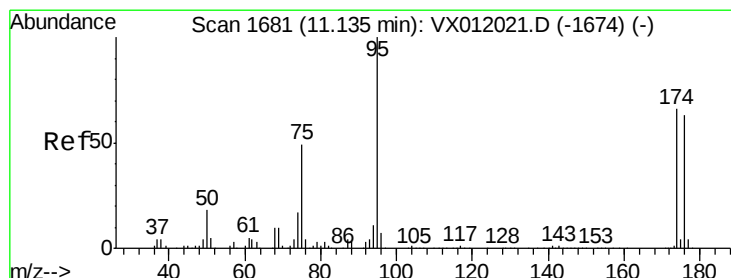
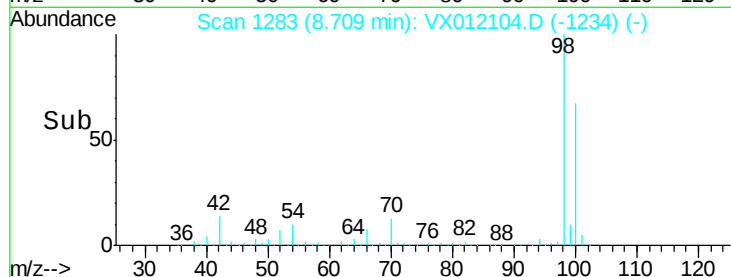
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 30.629 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012104.D

Acq: 05 Sep 2019 16:42

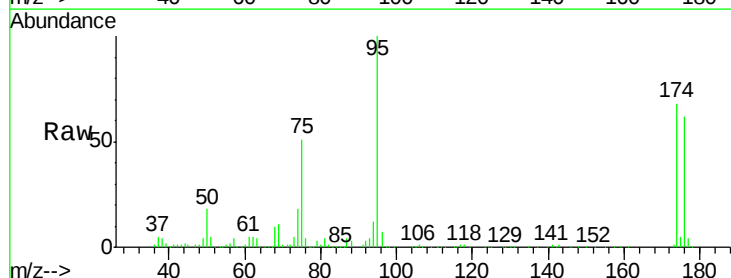
Tgt Ion: 95 Resp: 72436

Ion Ratio Lower Upper

95 100

174 65.1 0.0 205.4

176 59.9 0.0 201.8



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

60000

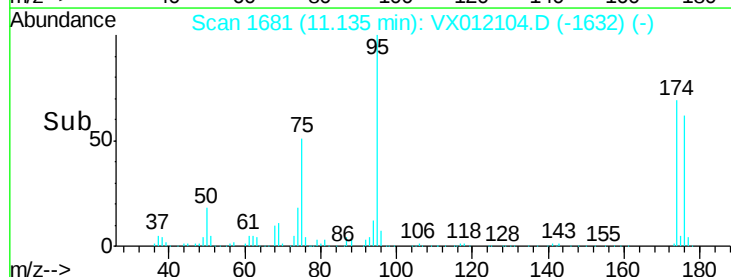
40000

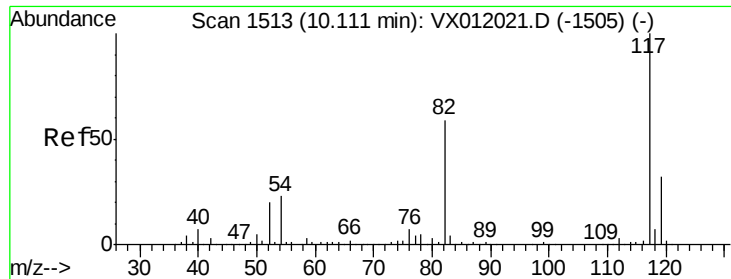
20000

0

Time-->

11.10 11.20

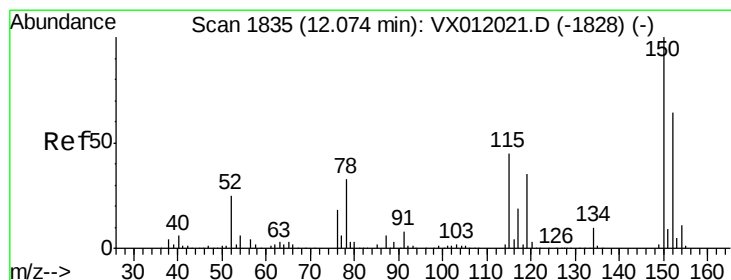
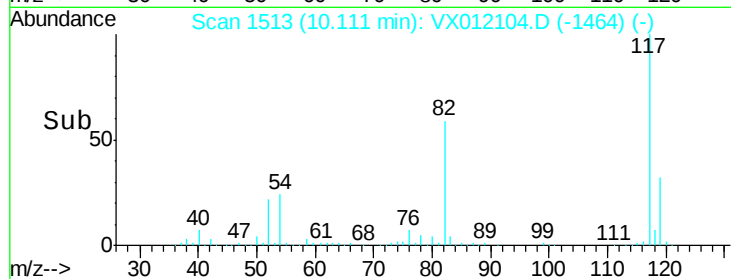
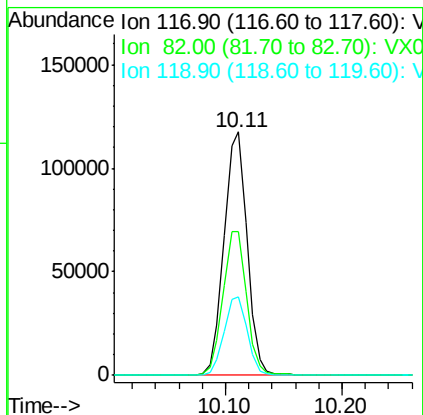
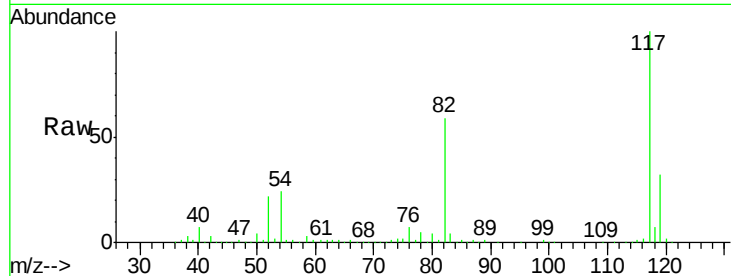




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tot Ion:117 Resp: 161710
Ion Ratio Lower Upper
117 100
82 59.1 39.4 59.0#
119 32.3 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: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion:152 Resp: 39404
Ion Ratio Lower Upper
152 100
115 68.1 36.4 109.3
150 153.0 0.0 341.2

