

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012369.D
 Acq On : 13 Sep 2019 01:24
 Operator : SY/SP
 Sample : K4759-02
 Misc : 6.98g/5.0mL/MSVOA X/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-0-4

Quant Time: Sep 13 03:25:53 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	166852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	110757	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
35) Dibromofluoromethane	5.48	113	83265	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
50) Toluene-d8	8.71	98	338723	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	134879	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	

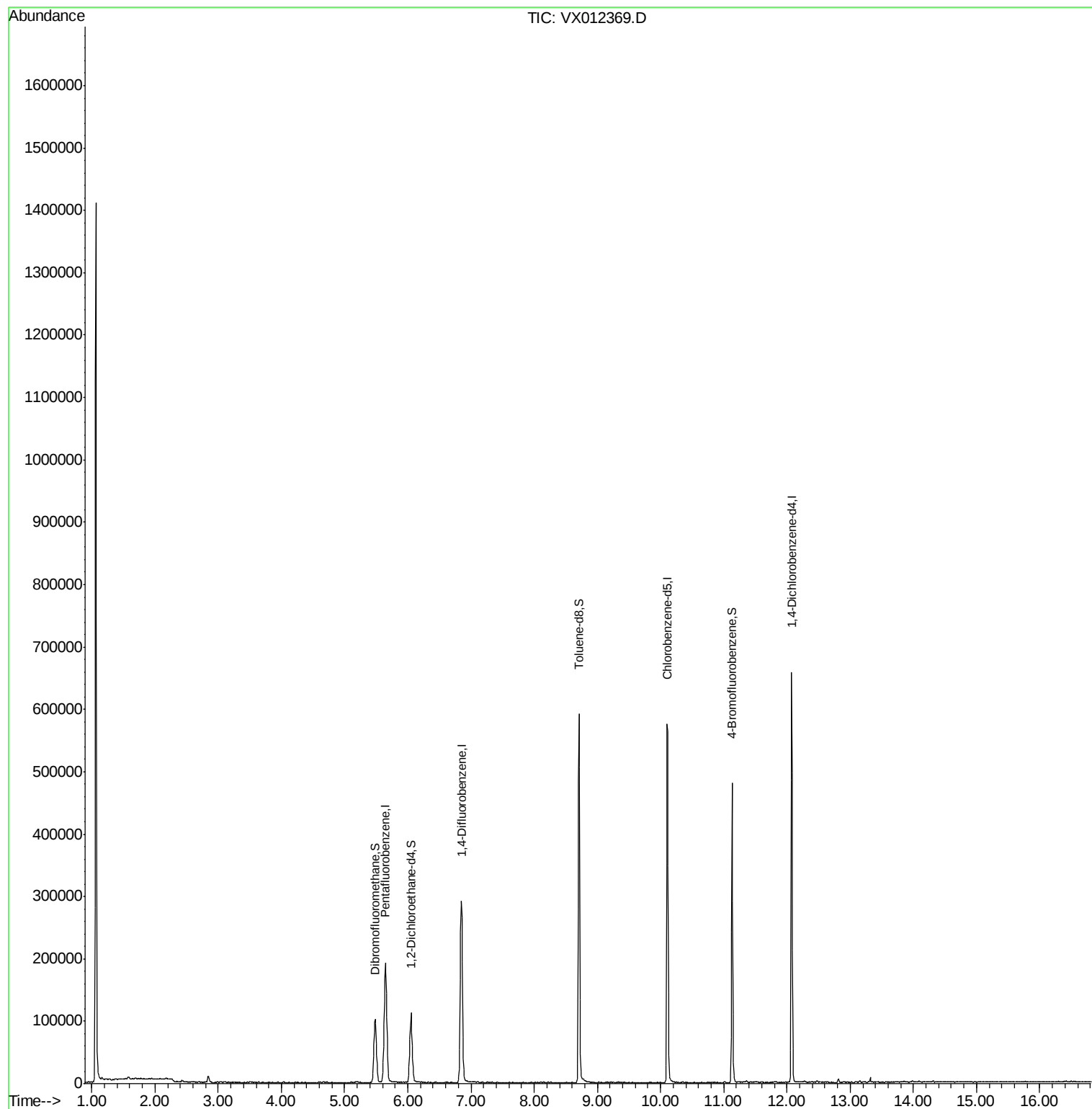
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012369.D

Acq: 13 Sep 2019 01:24

Instrument :

MSVOA_X

ClientSampleId :

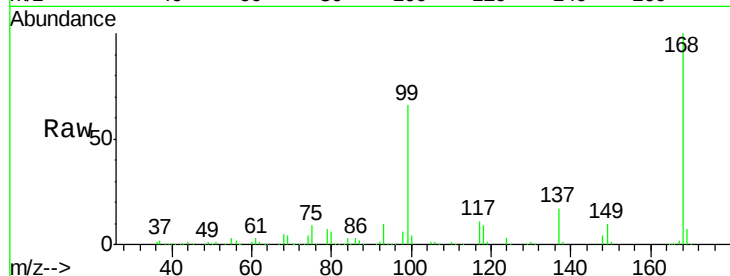
C-0-4

Tot Ion:168 Resp: 166852

Ion Ratio Lower Upper

168 100

99 66.4 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

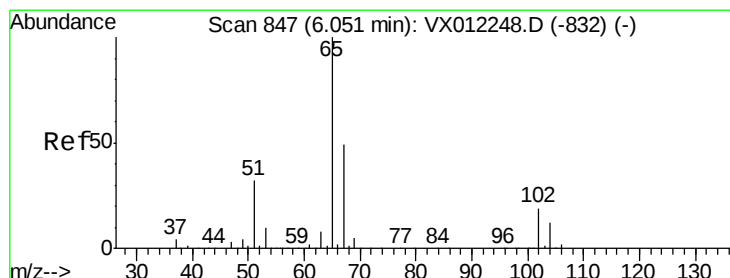
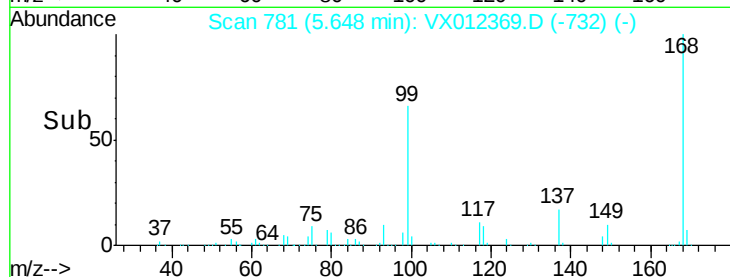
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.952 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012369.D

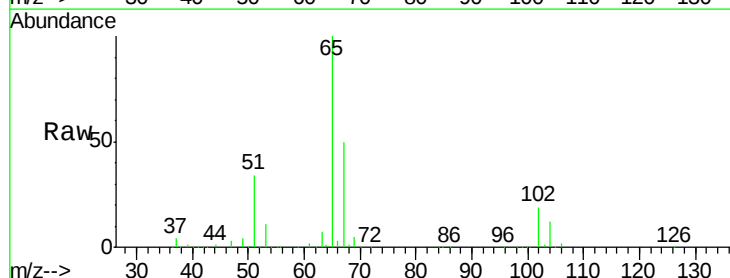
Acq: 13 Sep 2019 01:24

Tgt Ion: 65 Resp: 110757

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

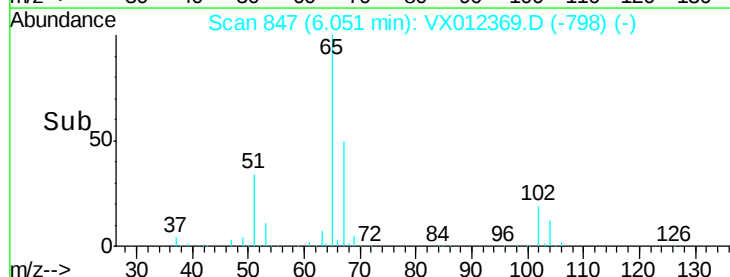
30000

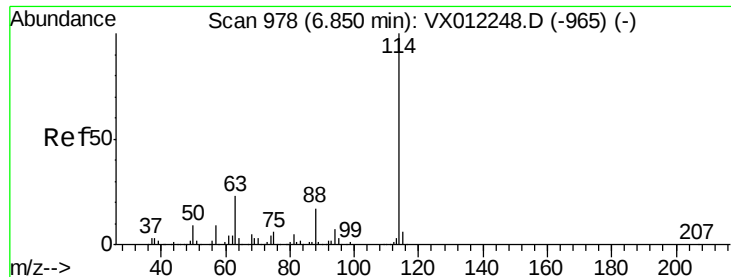
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012369.D

Acq: 13 Sep 2019 01:24

Instrument :

MSVOA_X

ClientSampleId :

C-0-4

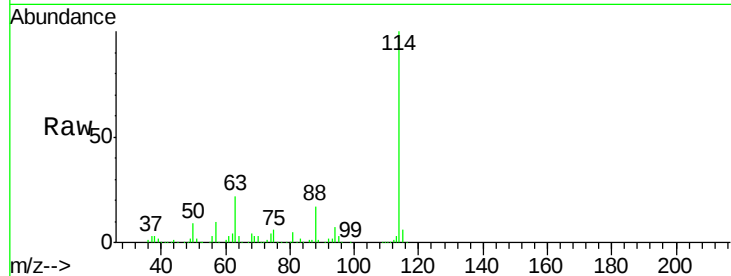
Tot Ion:114 Resp: 286615

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

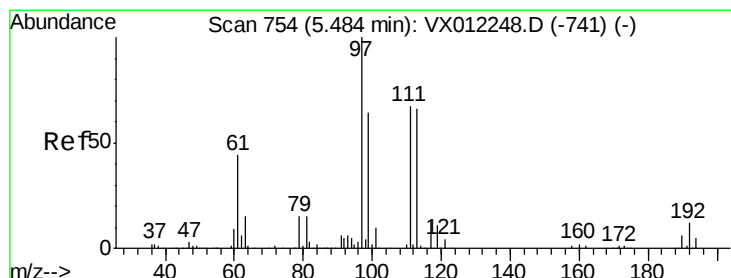
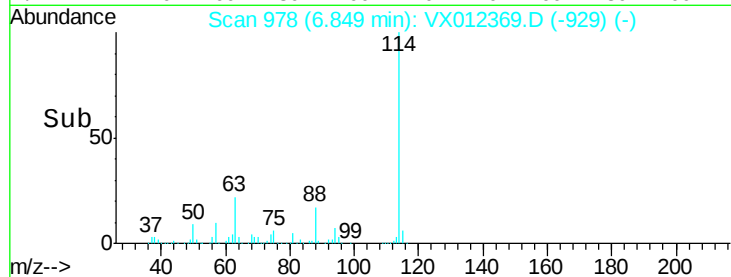
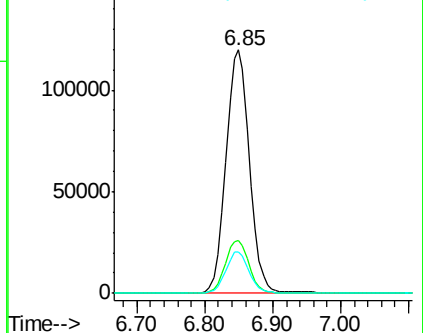
88 17.0 0.0 34.8



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: 45.318 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012369.D

Acq: 13 Sep 2019 01:24

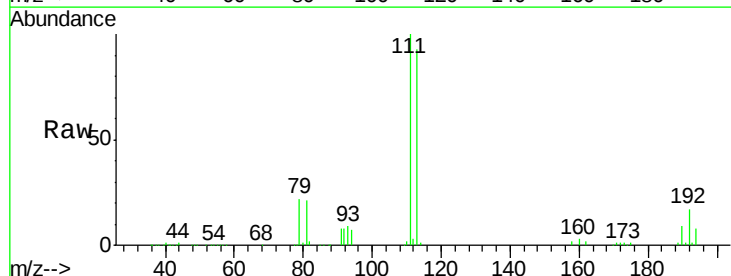
Tgt Ion:113 Resp: 83265

Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.6

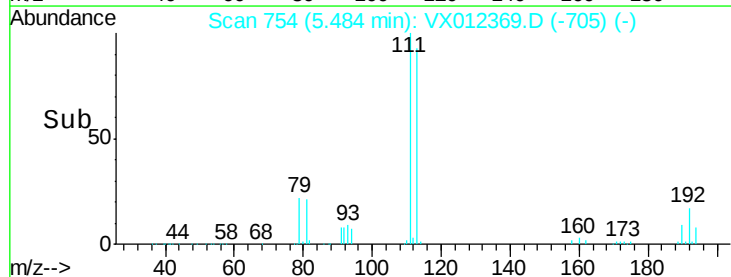
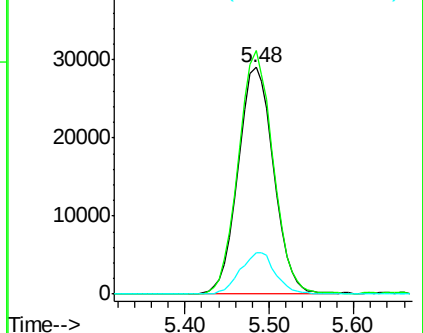
192 18.1 14.3 21.5

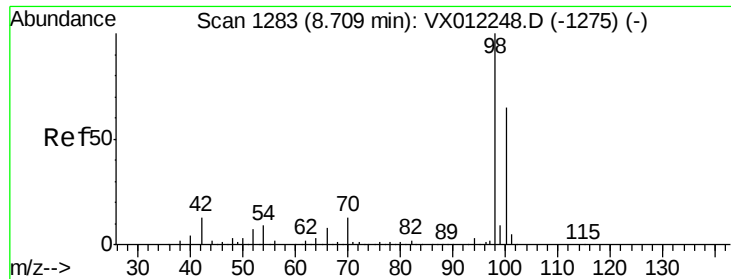


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.563 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012369.D

Acq: 13 Sep 2019 01:24

Instrument :

MSVOA_X

ClientSampleId :

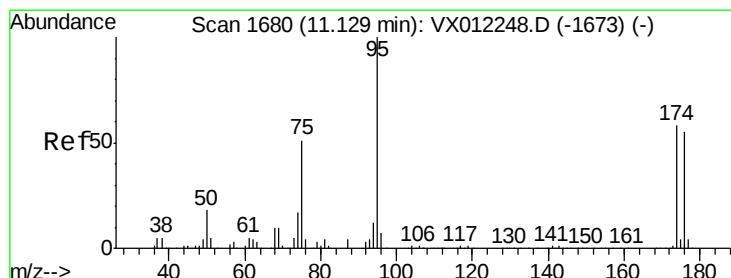
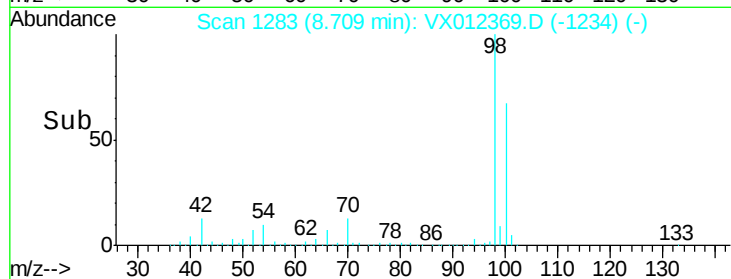
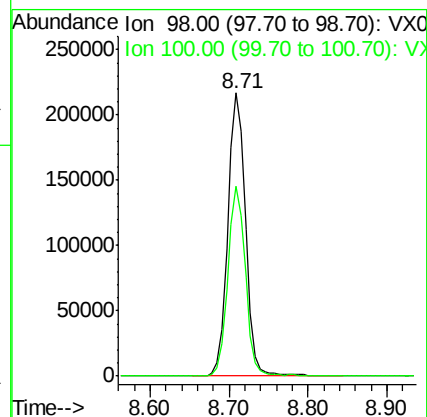
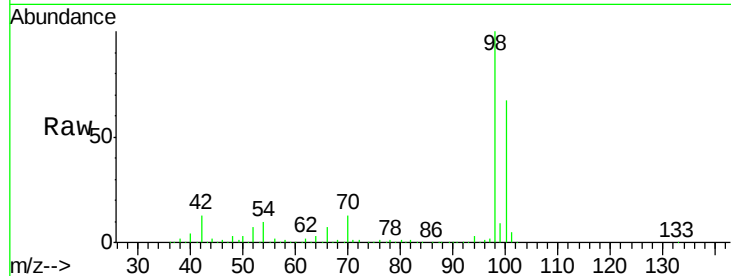
C-0-4

Tot Ion: 98 Resp: 338723

Ion Ratio Lower Upper

98 100

100 66.6 54.1 81.1



#62

4-Bromofluorobenzene

Concen: 45.147 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012369.D

Acq: 13 Sep 2019 01:24

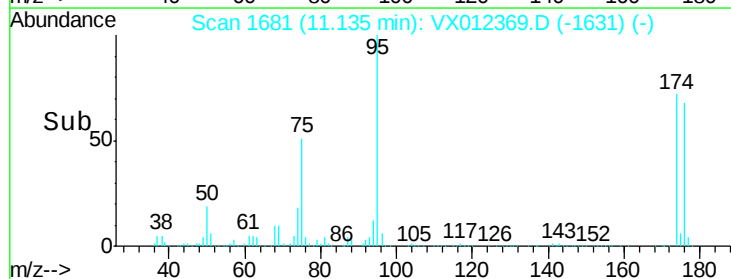
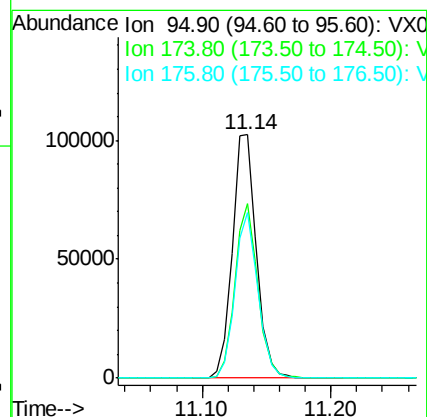
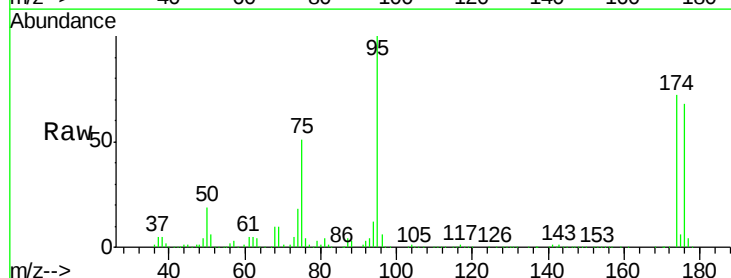
Tgt Ion: 95 Resp: 134879

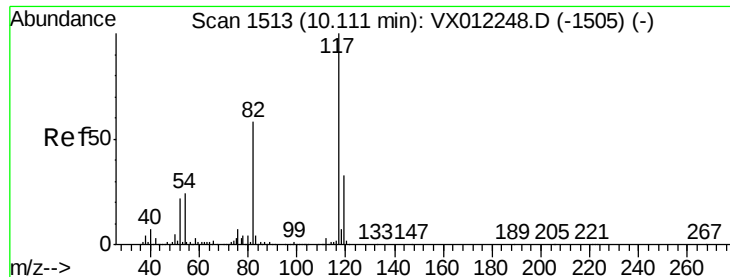
Ion Ratio Lower Upper

95 100

174 68.0 0.0 127.0

176 64.7 0.0 125.8

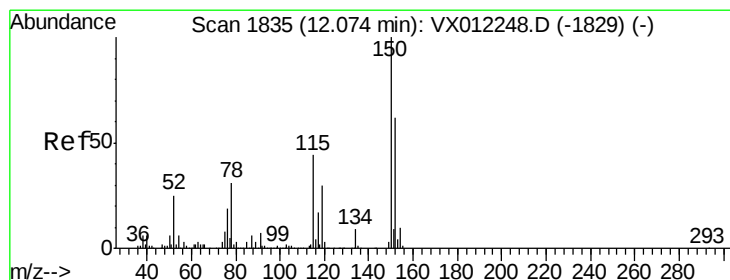
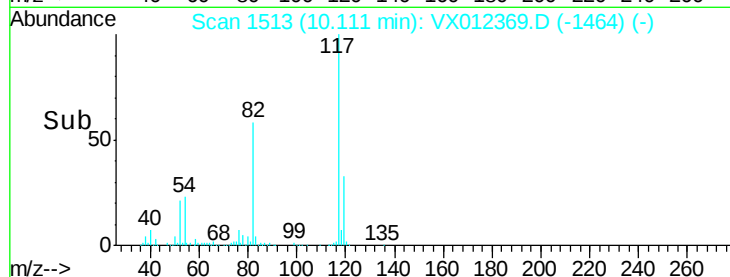
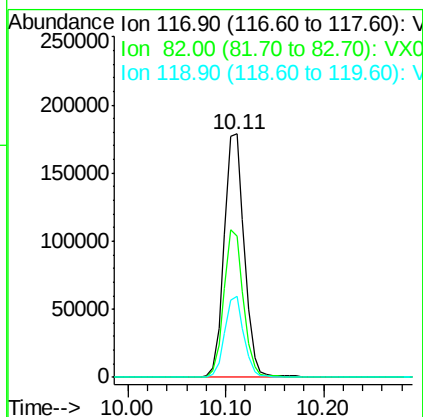
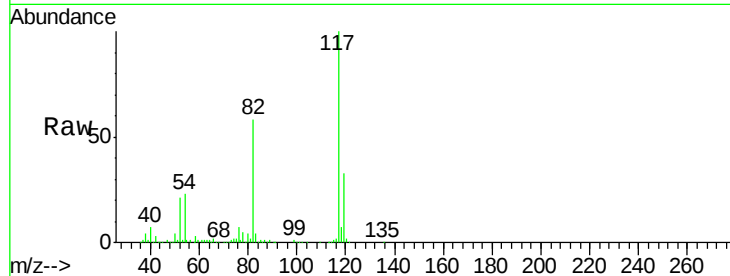




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012369.D
Acq: 13 Sep 2019 01:24

Instrument :
MSVOA_X
ClientSampleId :
C-0-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	33.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012369.D
Acq: 13 Sep 2019 01:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	45.5	136.4
150	154.7	0.0	346.4

