

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012273.D
 Acq On : 11 Sep 2019 00:19
 Operator : SY/SP
 Sample : K4624-12
 Misc : 7.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A2-(4)

Quant Time: Sep 11 03:20:54 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	161742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96017	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	111687	48.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.68%	
35) Dibromofluoromethane	5.48	113	85802	47.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.76%	
50) Toluene-d8	8.71	98	333430	52.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.14	95	125369	42.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.16%	

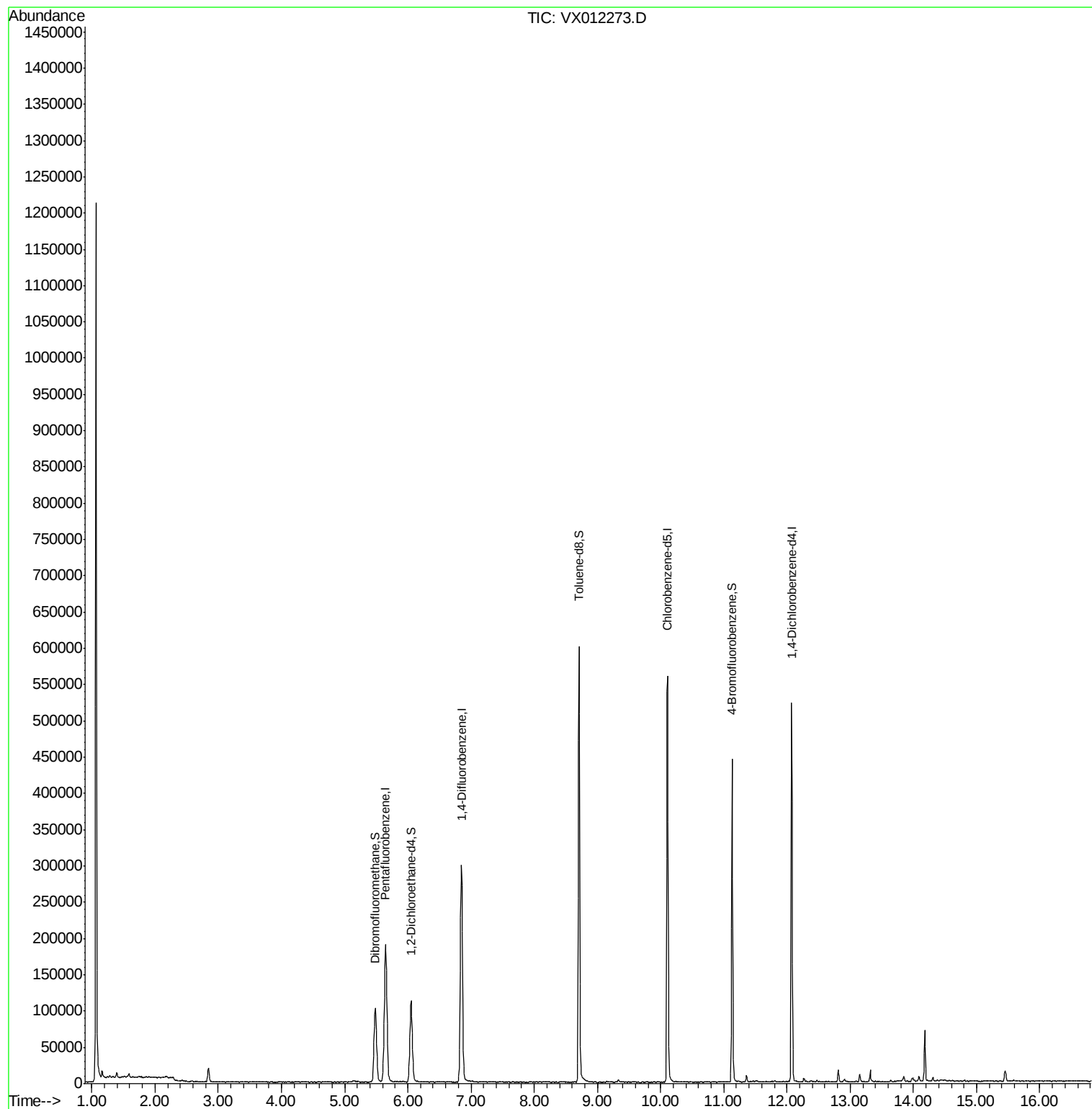
Target Compounds	Qvalue

(#) = 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# 782

Delta R.T. 0.01 min

Lab File: VX012273.D

Acq: 11 Sep 2019 00:19

Instrument :

MSVOA_X

ClientSampleId :

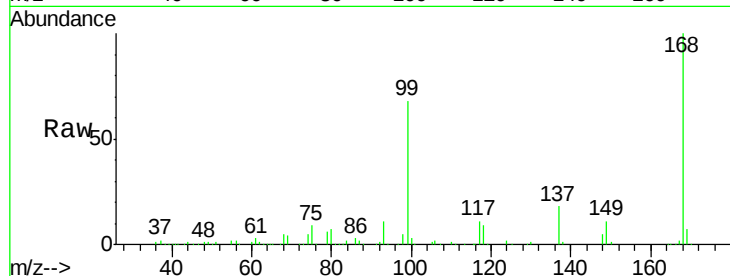
T-11-A2-(4)

Tot Ion:168 Resp: 161742

Ion Ratio Lower Upper

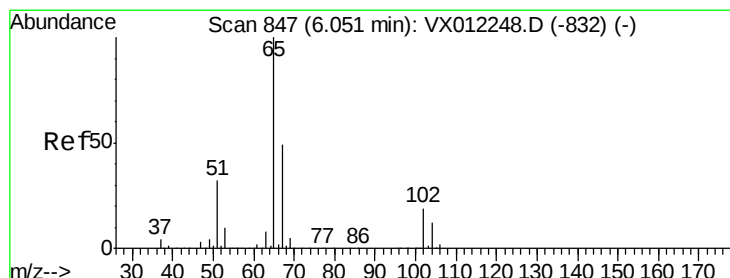
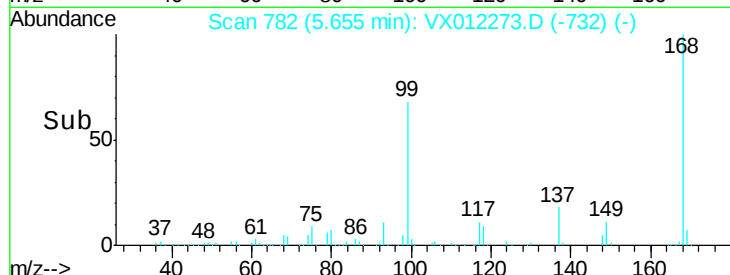
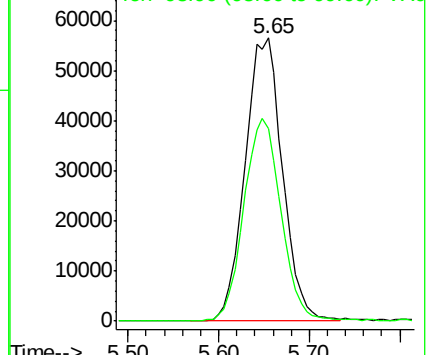
168 100

99 68.0 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.842 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012273.D

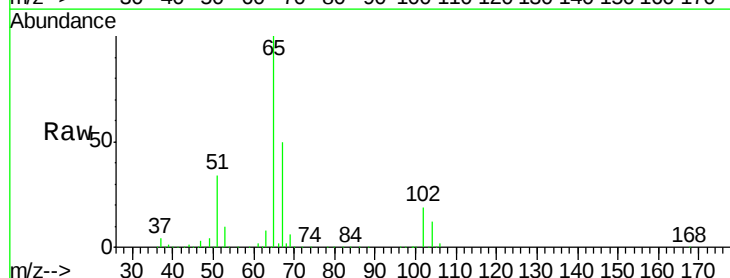
Acq: 11 Sep 2019 00:19

Tgt Ion: 65 Resp: 111687

Ion Ratio Lower Upper

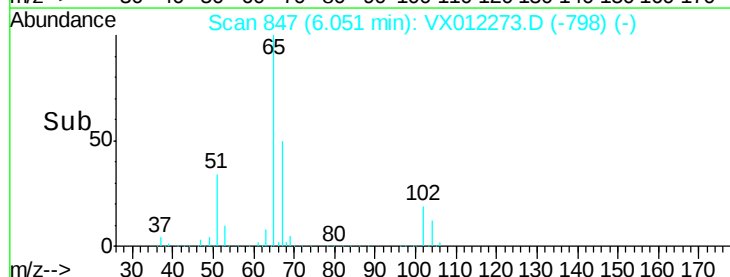
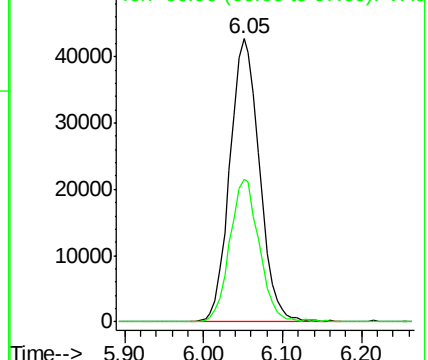
65 100

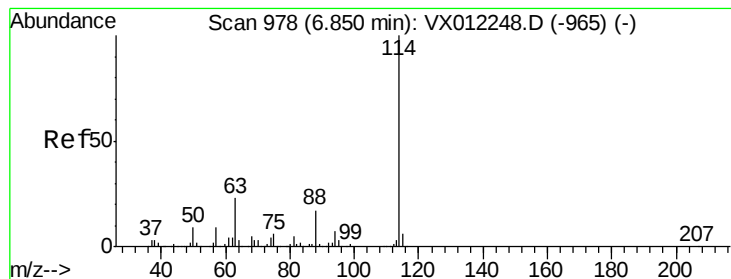
67 49.9 0.0 99.8



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: VX012273.D

Acq: 11 Sep 2019 00:19

Instrument :

MSVOA_X

ClientSampleId :

T-11-A2-(4)

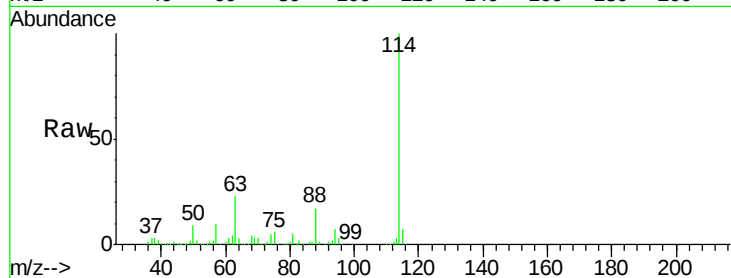
Tot Ion:114 Resp: 282467

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

88 17.4 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

150000

100000

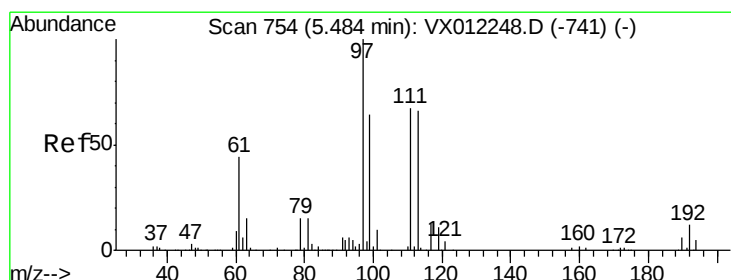
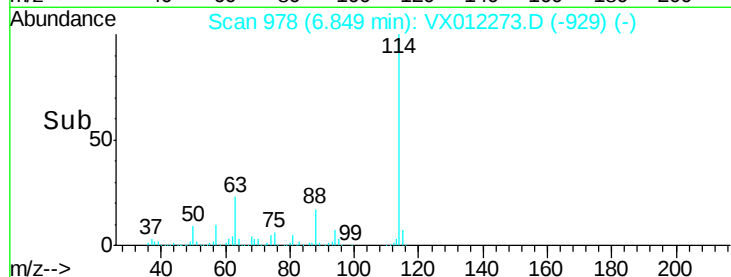
50000

0

6.85

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.385 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012273.D

Acq: 11 Sep 2019 00:19

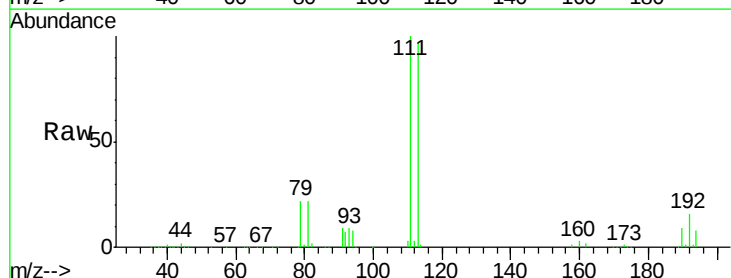
Tgt Ion:113 Resp: 85802

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

192 17.5 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

40000

30000

20000

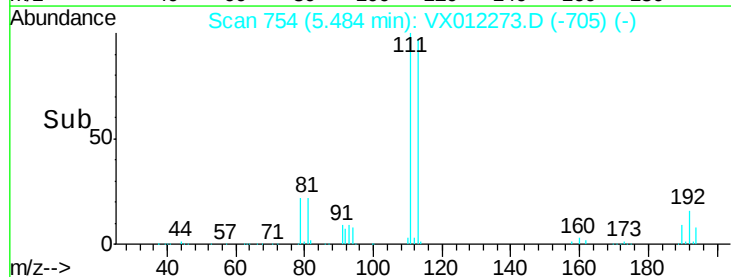
10000

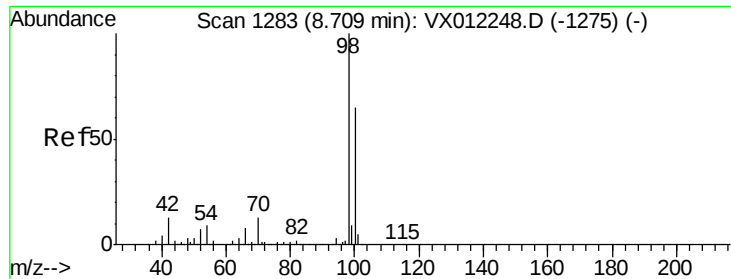
0

5.48

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 52.501 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012273.D

Acq: 11 Sep 2019 00:19

Instrument :

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ClientSampleId :

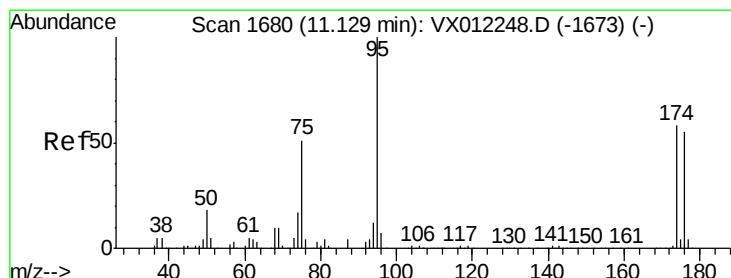
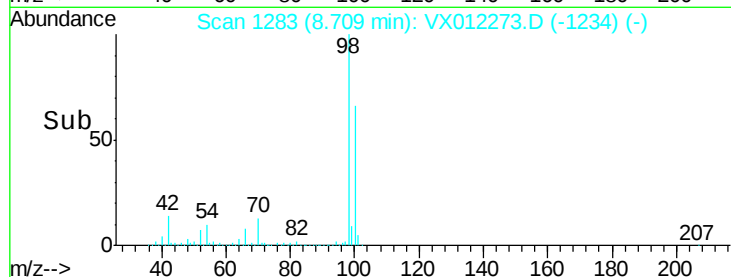
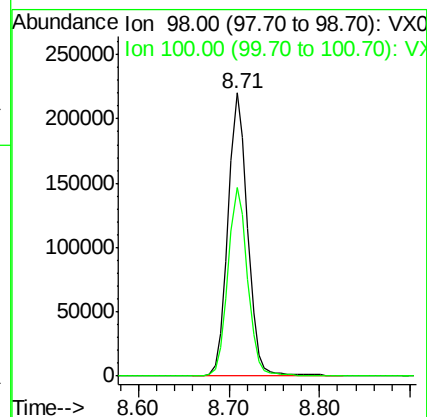
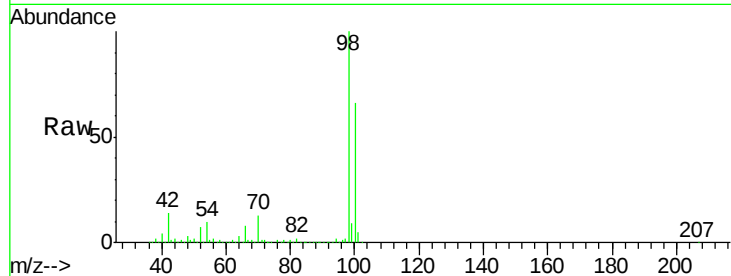
T-11-A2-(4)

Tot Ion: 98 Resp: 333430

Ion Ratio Lower Upper

98 100

100 67.1 54.1 81.1



#62

4-Bromofluorobenzene

Concen: 42.580 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012273.D

Acq: 11 Sep 2019 00:19

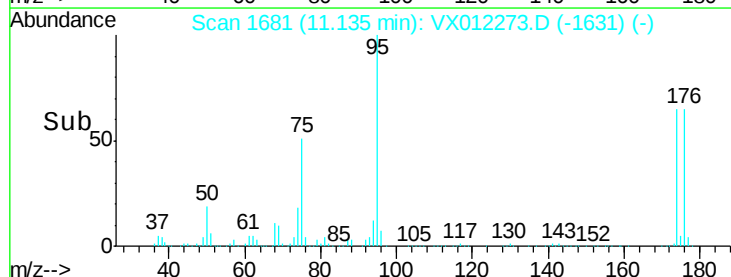
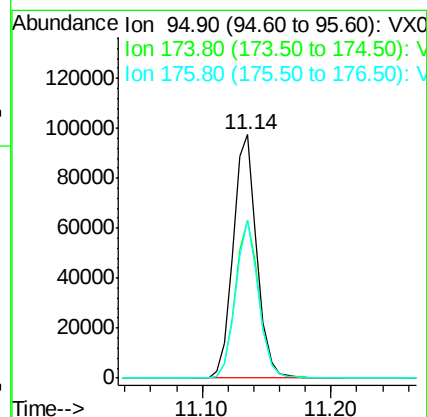
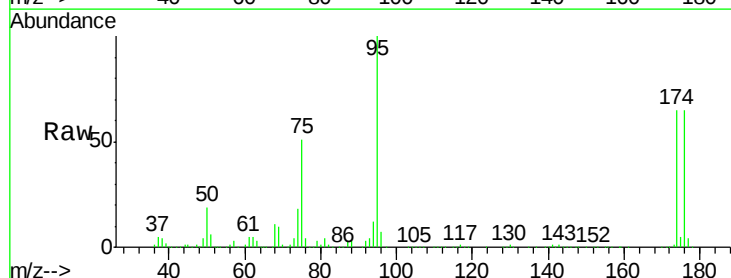
Tgt Ion: 95 Resp: 125369

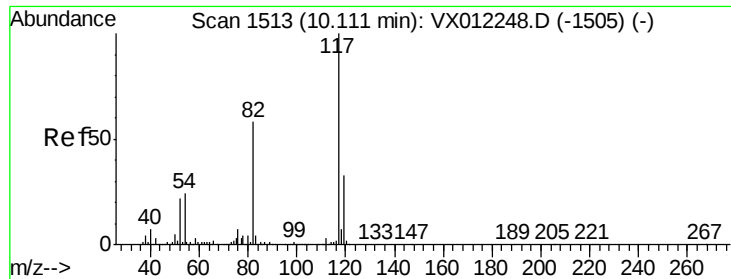
Ion Ratio Lower Upper

95 100

174 64.7 0.0 127.0

176 62.6 0.0 125.8

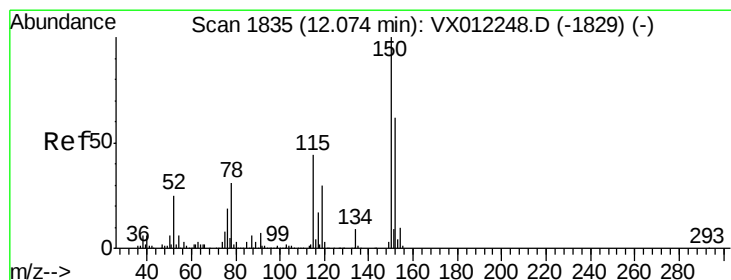
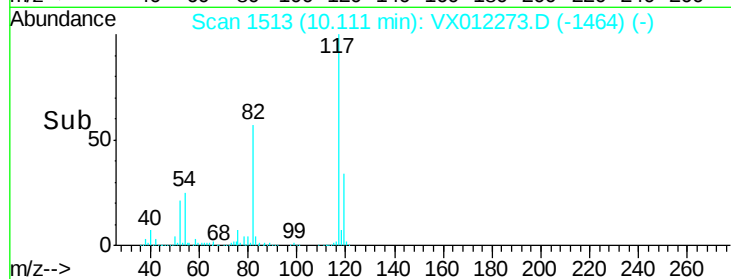
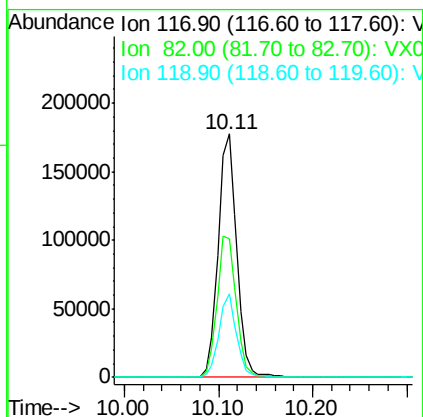
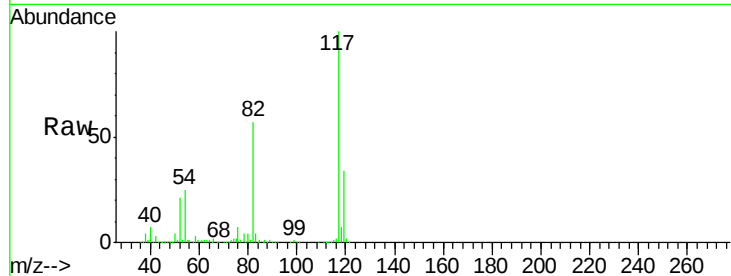




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012273.D
Acq: 11 Sep 2019 00:19

Instrument :
MSVOA_X
ClientSampleId :
T-11-A2-(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.4	69.6
119	34.1	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: VX012273.D
Acq: 11 Sep 2019 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.8	45.5	136.4
150	161.5	0.0	346.4

