

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012276.D
 Acq On : 11 Sep 2019 01:43
 Operator : SY/SP
 Sample : K4643-02
 Misc : 5.95g/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B1-(0)

Quant Time: Sep 11 03:25:55 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	170513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	116209	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.48	113	89692	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	8.71	98	349976	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.14	95	131085	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	

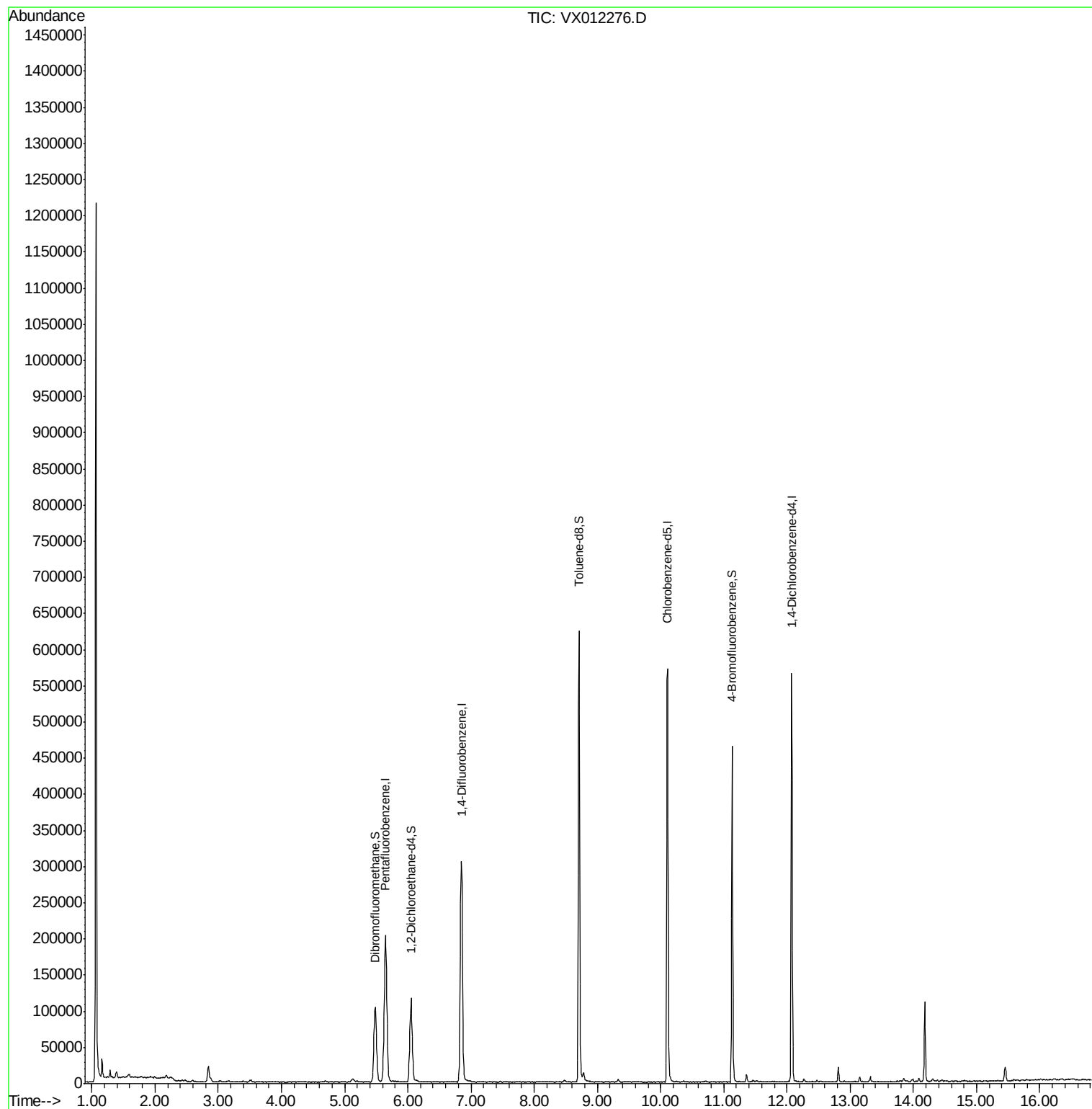
Target Compounds	Qvalue
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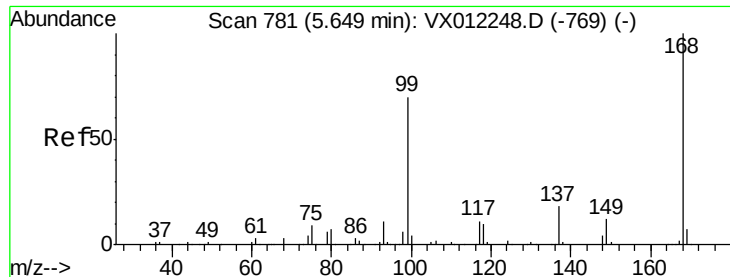
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012276.D

Acq: 11 Sep 2019 01:43

Instrument :

MSVOA_X

ClientSampleId :

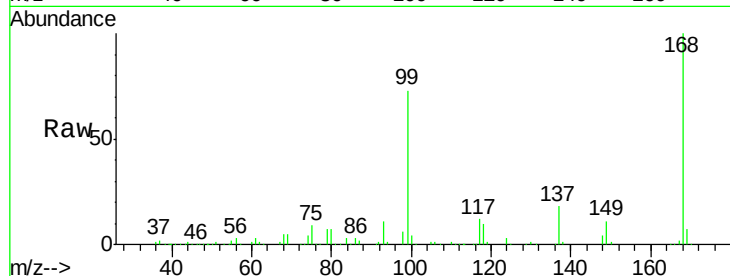
T11-B1-(0)

Tot Ion:168 Resp: 170513

Ion Ratio Lower Upper

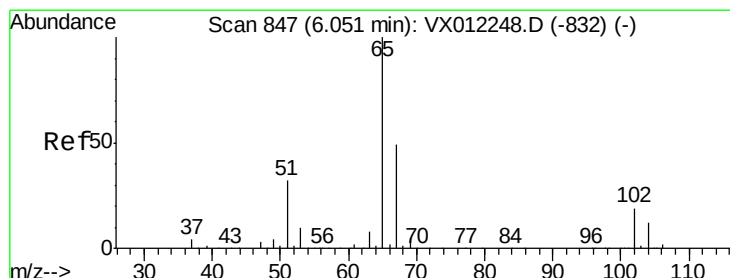
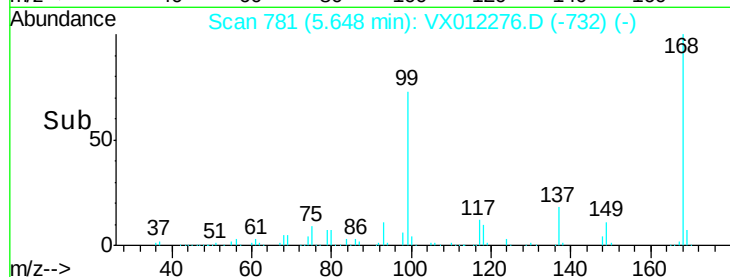
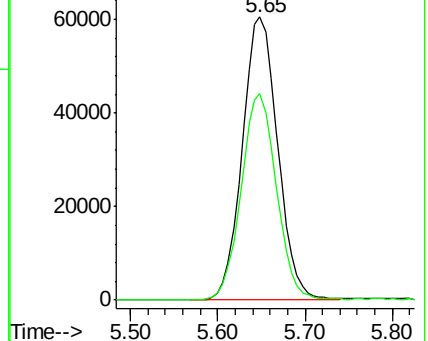
168 100

99 72.7 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: 48.205 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012276.D

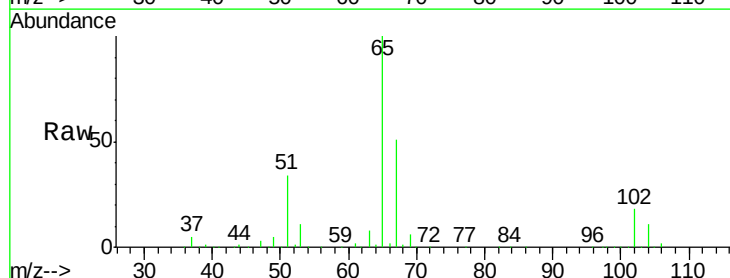
Acq: 11 Sep 2019 01:43

Tgt Ion: 65 Resp: 116209

Ion Ratio Lower Upper

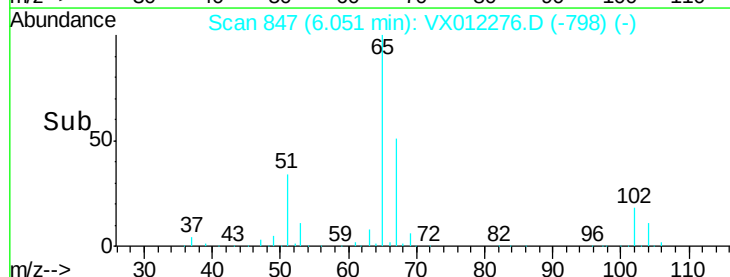
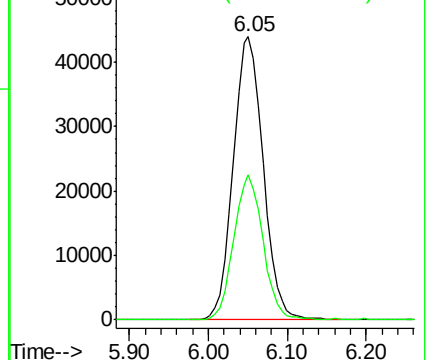
65 100

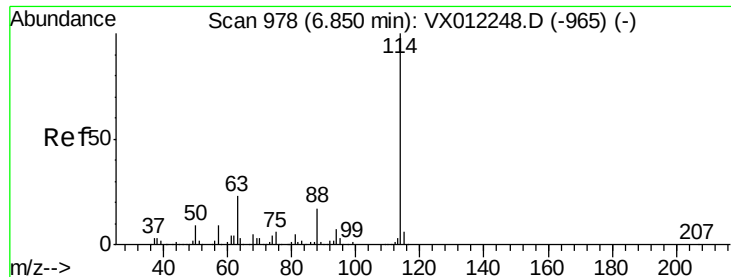
67 50.0 0.0 99.8



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: VX012276.D

Acq: 11 Sep 2019 01:43

Instrument :

MSVOA_X

ClientSampleId :

T11-B1-(0)

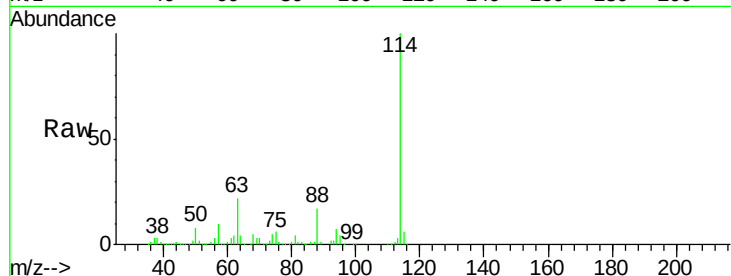
Tot Ion:114 Resp: 295804

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 17.2 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

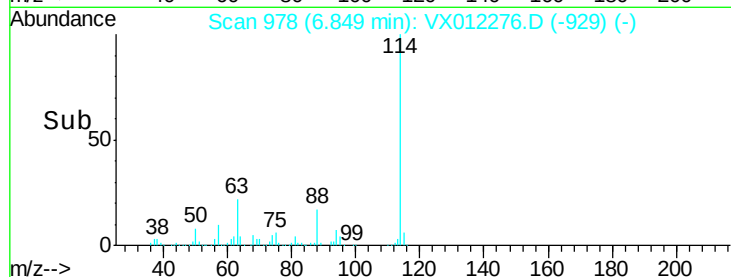
100000

50000

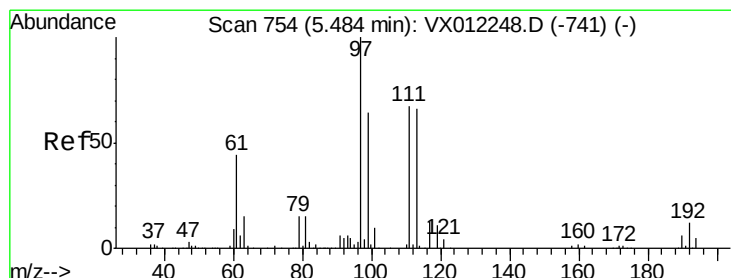
0

6.85

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 47.300 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012276.D

Acq: 11 Sep 2019 01:43

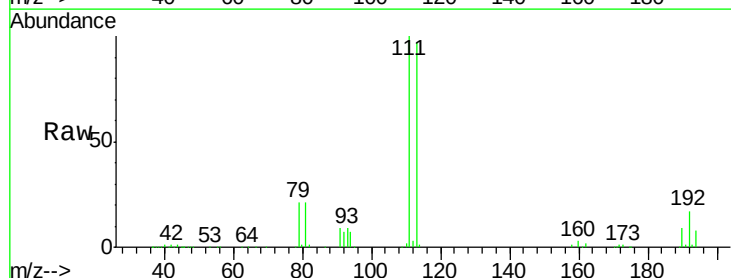
Tgt Ion:113 Resp: 89692

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 17.4 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

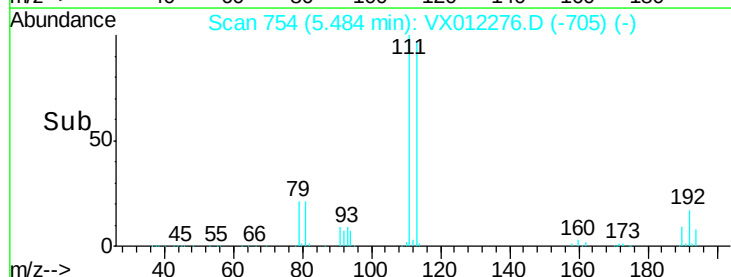
20000

10000

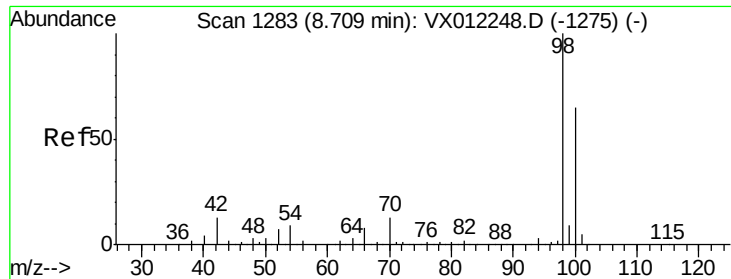
0

5.48

5.40 5.50 5.60



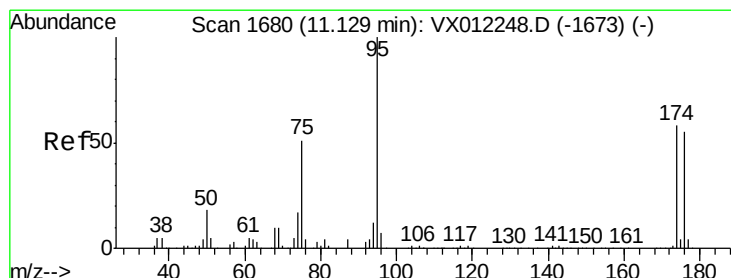
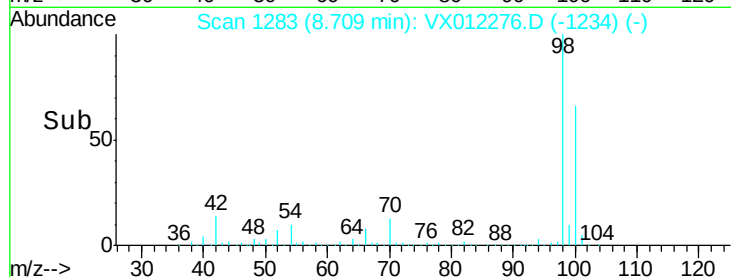
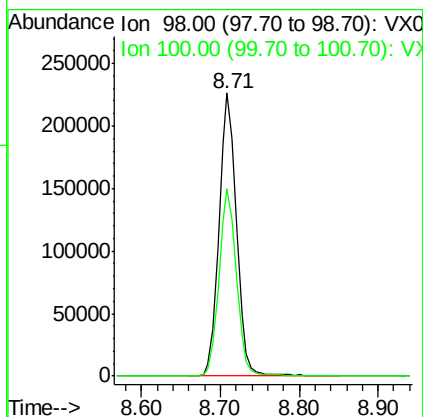
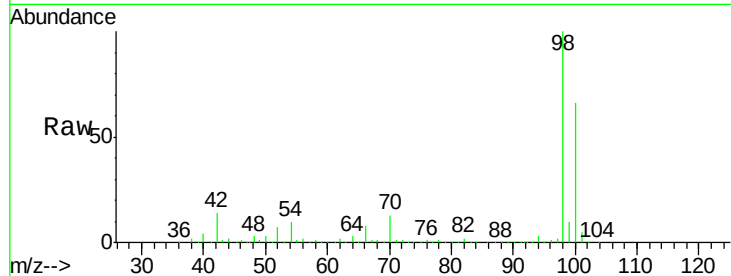
Time-->



#50
Toluene-d8
Concen: 52.622 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

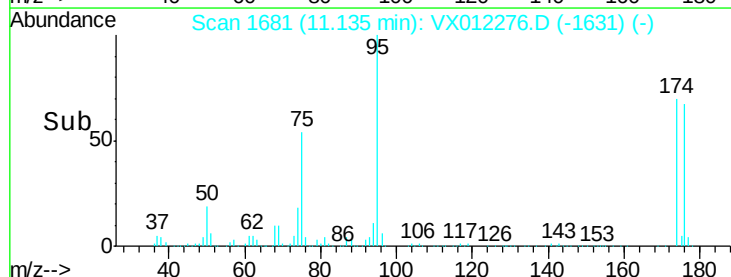
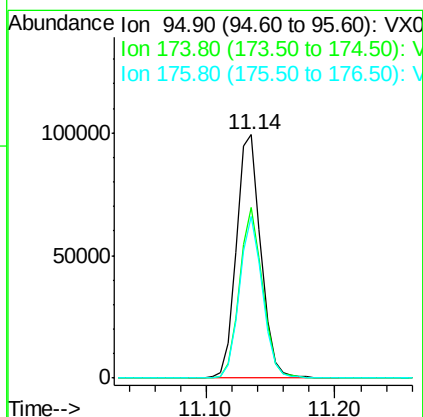
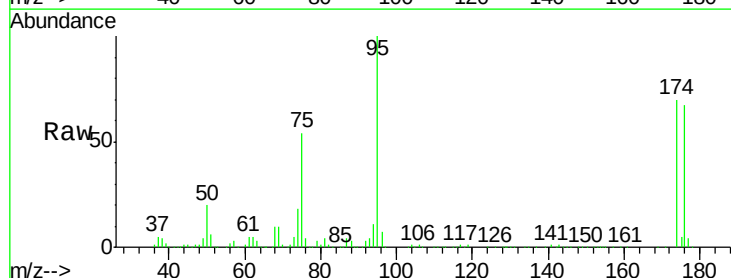
Instrument :
MSVOA_X
ClientSampled :
T11-B1-(0)

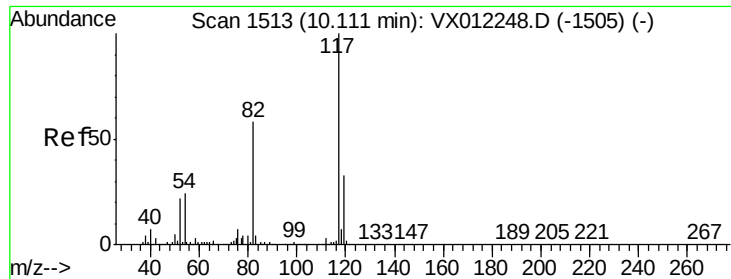
Tot Ion: 98 Resp: 349976
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 42.514 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 95 Resp: 131085
Ion Ratio Lower Upper
95 100
174 66.1 0.0 127.0
176 62.7 0.0 125.8

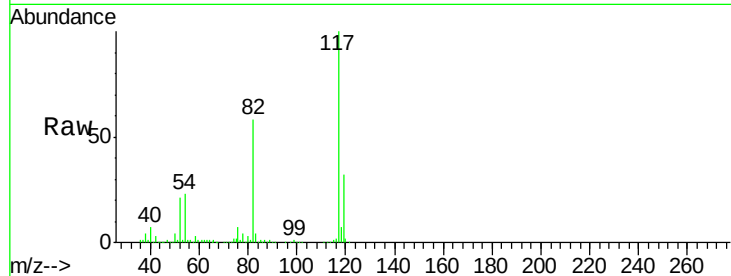




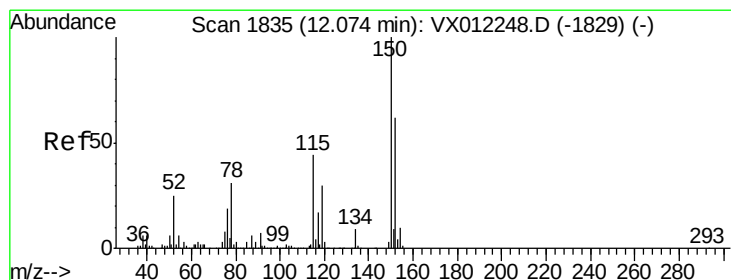
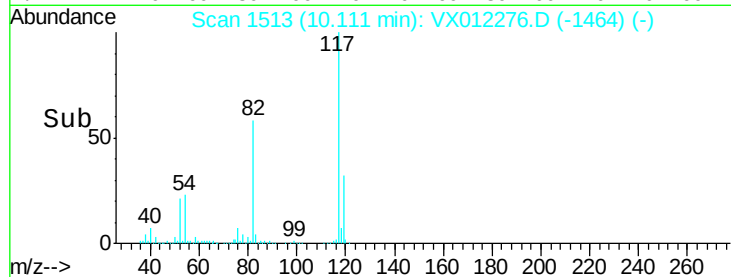
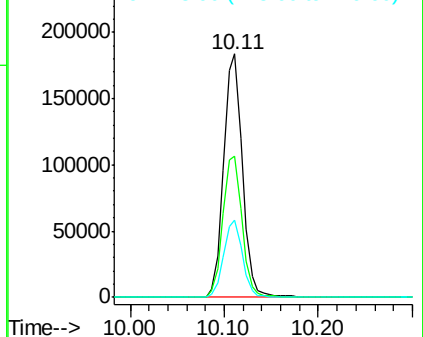
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	31.6	26.6	39.8

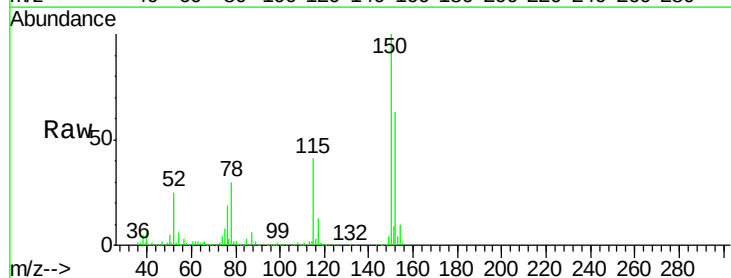


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.8	45.5	136.4
150	158.9	0.0	346.4



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

