

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012342.D
 Acq On : 12 Sep 2019 11:45
 Operator : SY/SP
 Sample : K4716-03
 Misc : 5.60g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20-S

Quant Time: Sep 12 13:05:13 2019
 Quant Method : Z:\V0ASRV\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	150114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104303	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106071	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	5.48	113	78389	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	309556	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	121002	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	

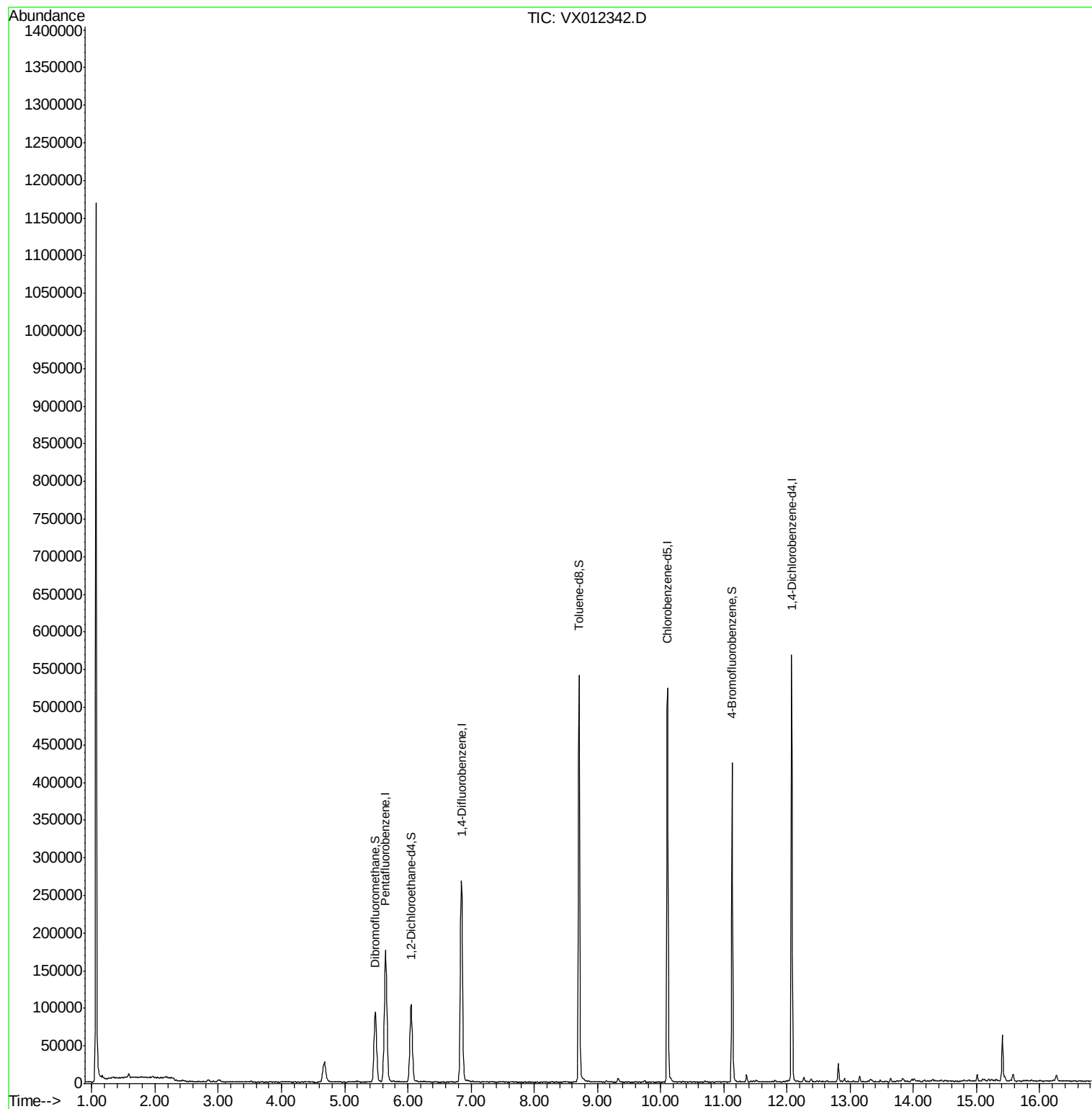
Target Compounds	Qvalue
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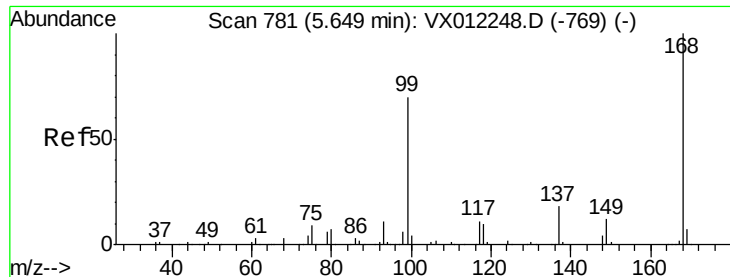
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012342.D

Acq: 12 Sep 2019 11:45

Instrument :

MSVOA_X

ClientSampled :

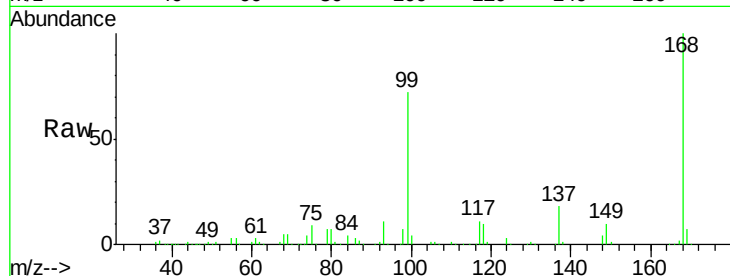
TP-20-S

Tot Ion:168 Resp: 150114

Ion Ratio Lower Upper

168 100

99 71.7 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

50000

40000

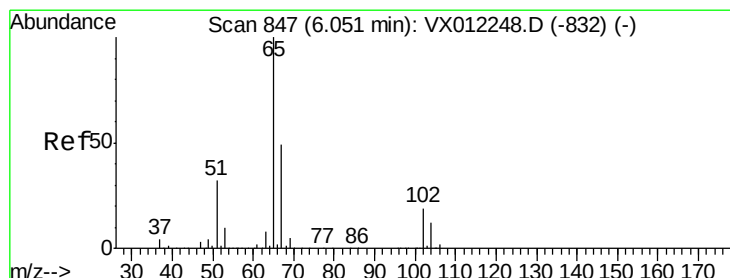
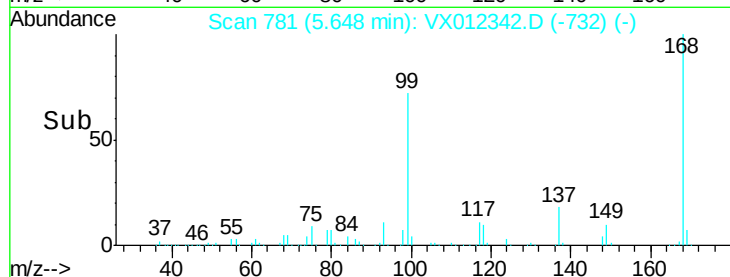
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.979 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012342.D

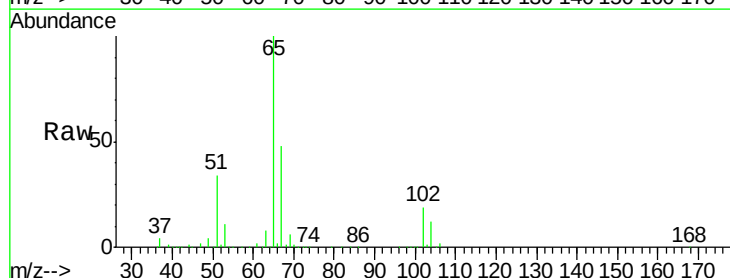
Acq: 12 Sep 2019 11:45

Tgt Ion: 65 Resp: 106071

Ion Ratio Lower Upper

65 100

67 48.9 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

40000

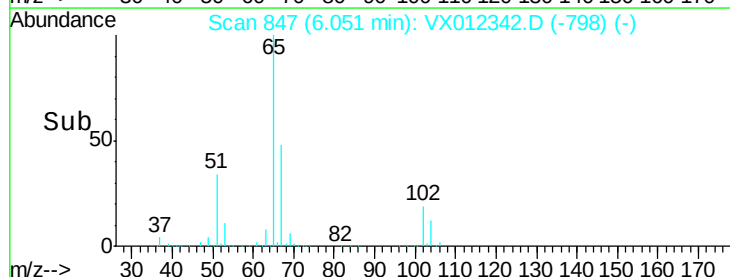
30000

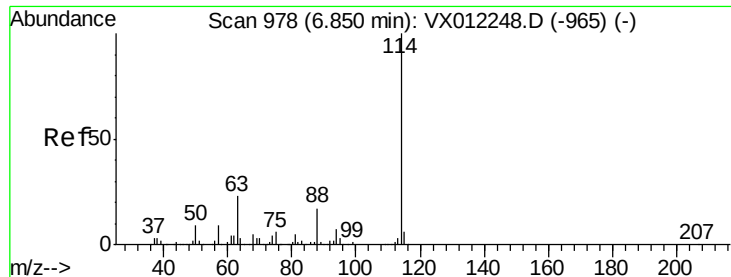
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

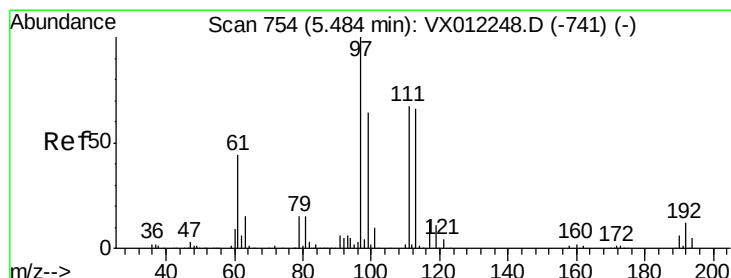
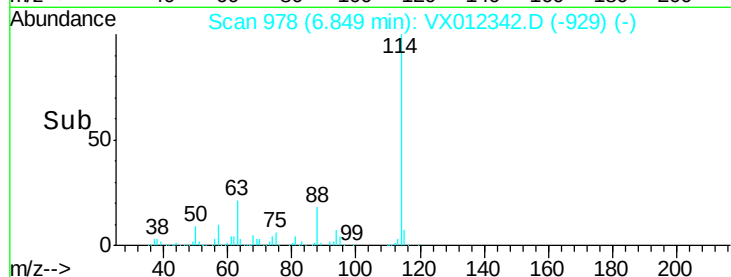
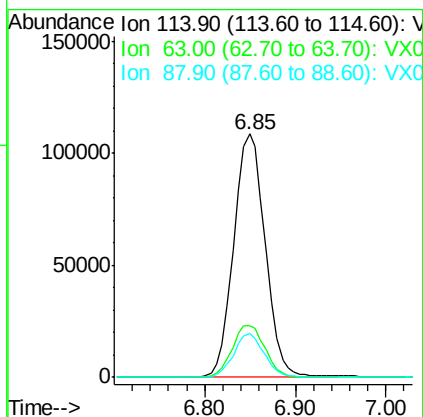
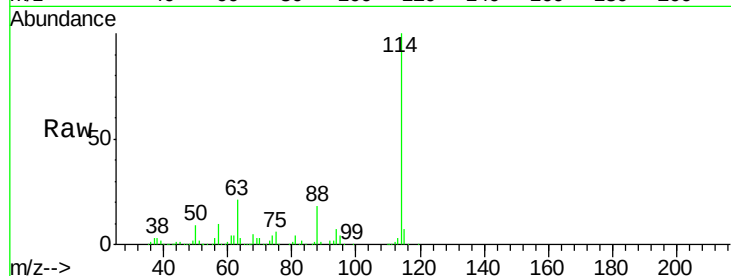




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012342.D
 Acq: 12 Sep 2019 11:45

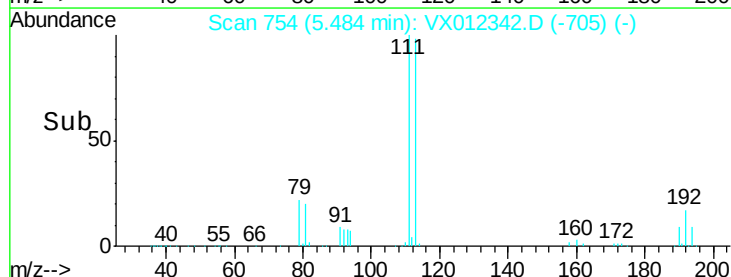
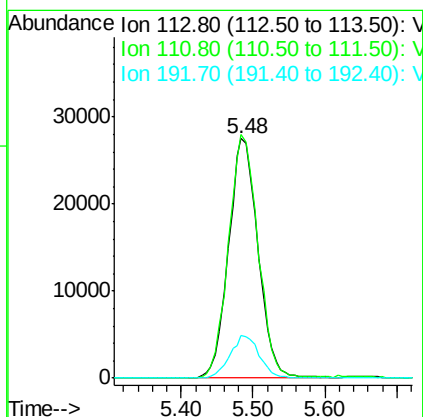
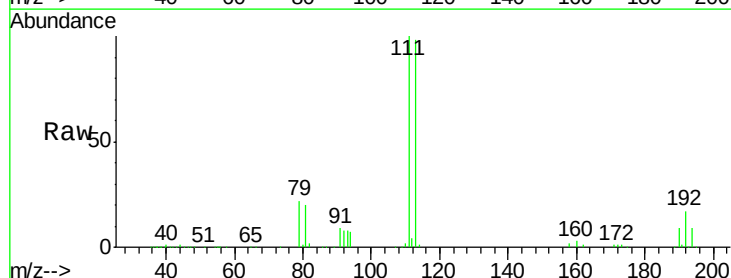
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20-S

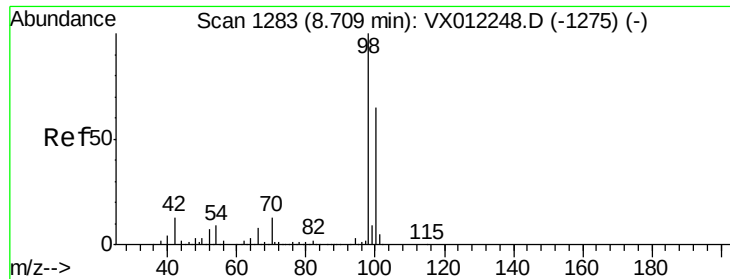
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	45.2
88	18.0	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 46.682 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012342.D
 Acq: 12 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	17.5	14.3	21.5





#50

Toluene-d8

Concen: 52.560 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012342.D

Acq: 12 Sep 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

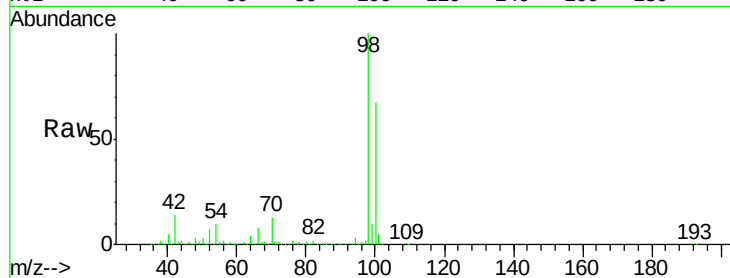
TP-20-S

Tot Ion: 98 Resp: 309556

Ion Ratio Lower Upper

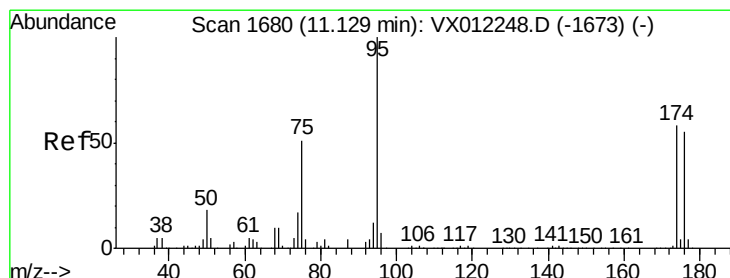
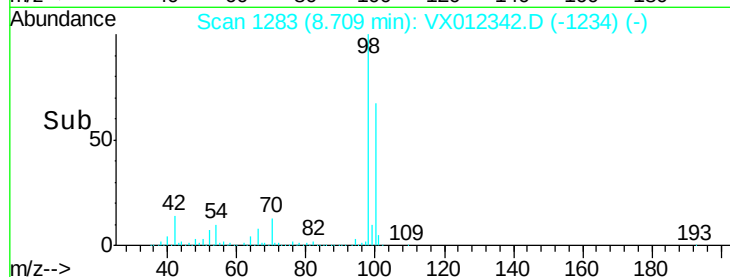
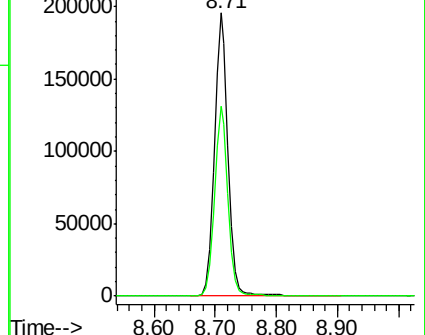
98 100

100 67.0 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.316 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012342.D

Acq: 12 Sep 2019 11:45

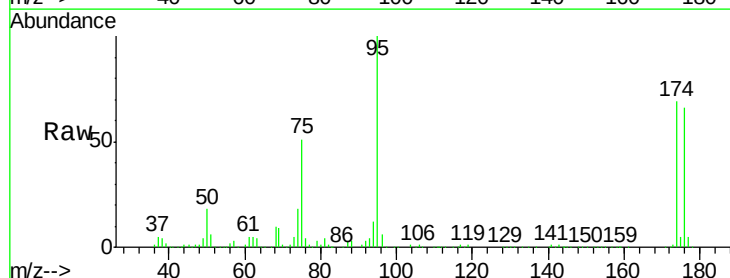
Tgt Ion: 95 Resp: 121002

Ion Ratio Lower Upper

95 100

174 68.3 0.0 127.0

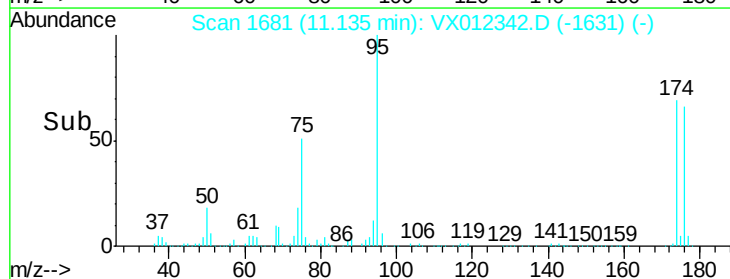
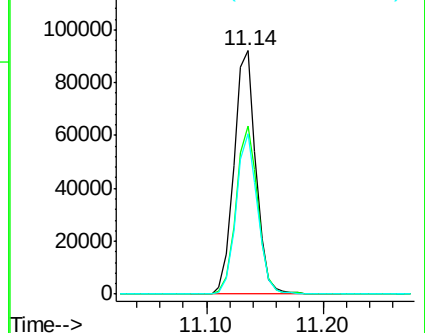
176 64.3 0.0 125.8

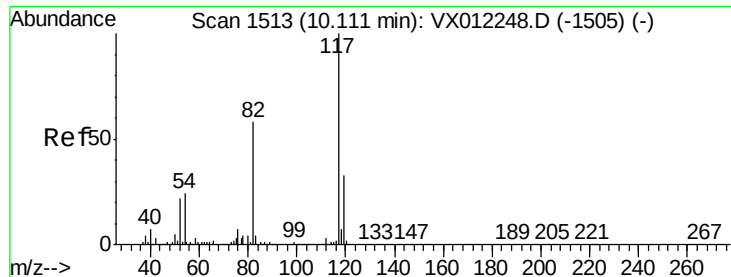


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

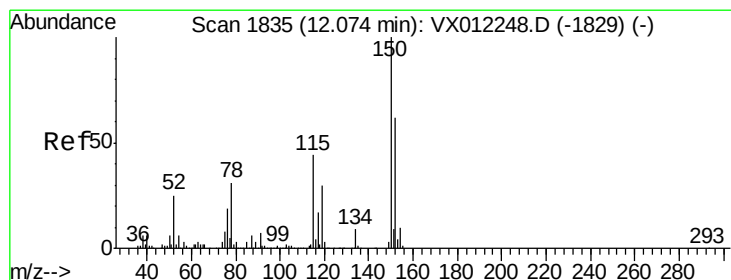
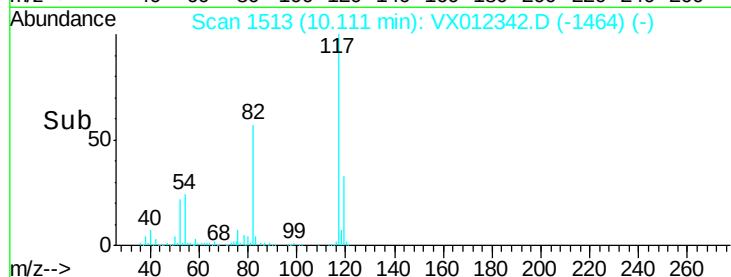
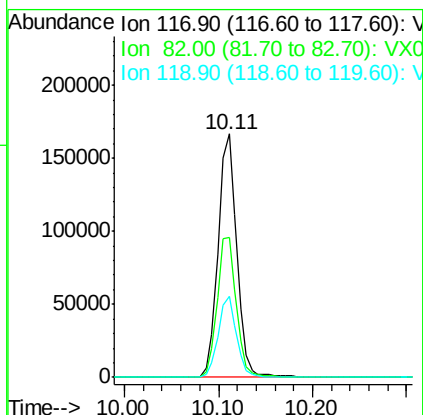
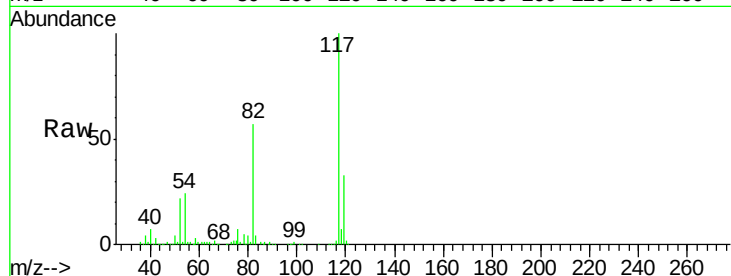




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012342.D
Acq: 12 Sep 2019 11:45

Instrument :
MSVOA_X
ClientSampled :
TP-20-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.4	69.6
119	33.1	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: VX012342.D
Acq: 12 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	45.5	136.4
150	155.7	0.0	346.4

