

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013040.D
 Acq On : 14 Oct 2019 10:39
 Operator : JC/SP
 Sample : K5312-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2019-10

Quant Time: Oct 15 02:01:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107877	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	116593	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
35) Dibromofluoromethane	5.49	113	90675	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	8.71	98	356647	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.14	95	123443	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	

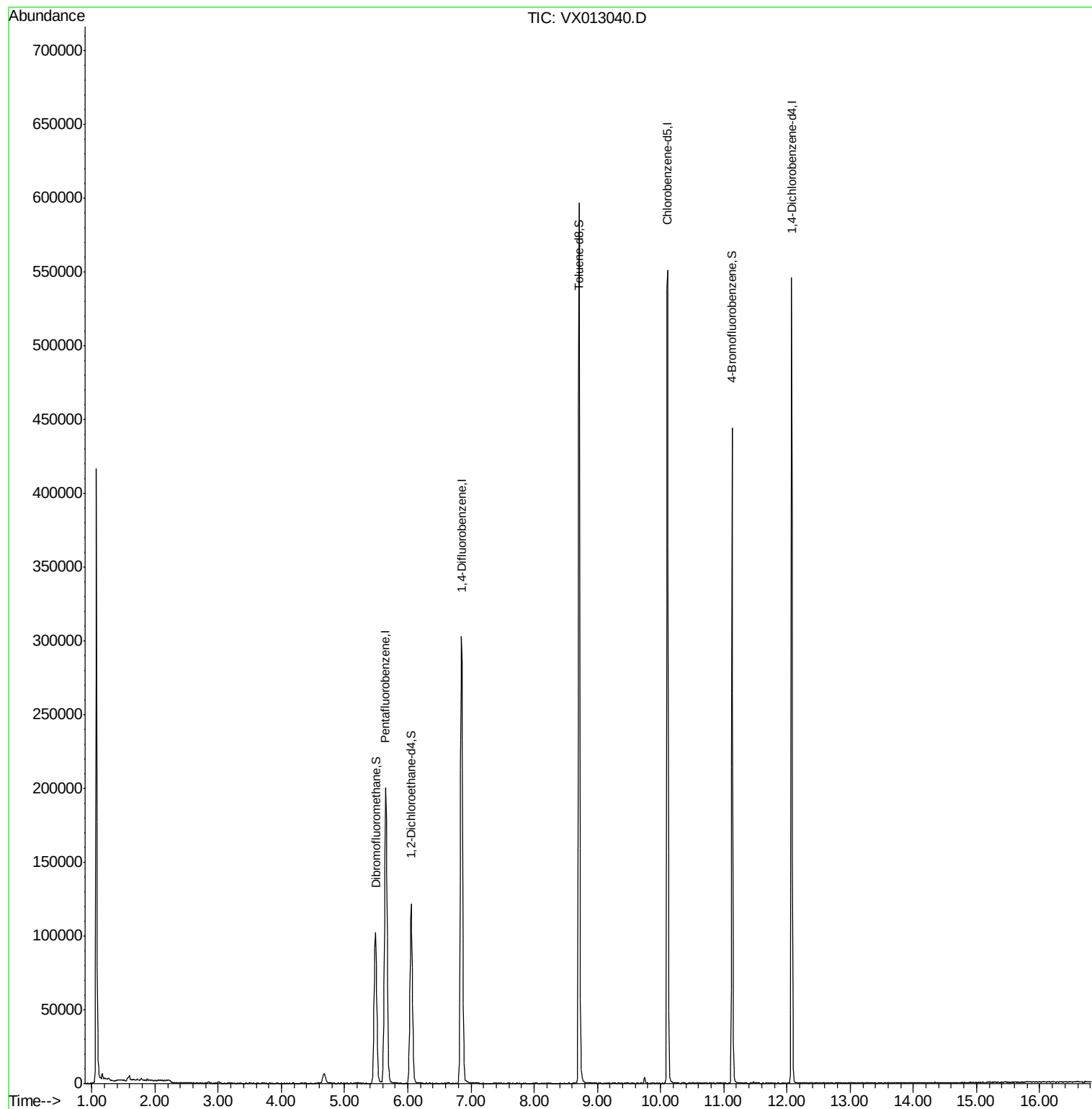
Target Compounds	Qvalue
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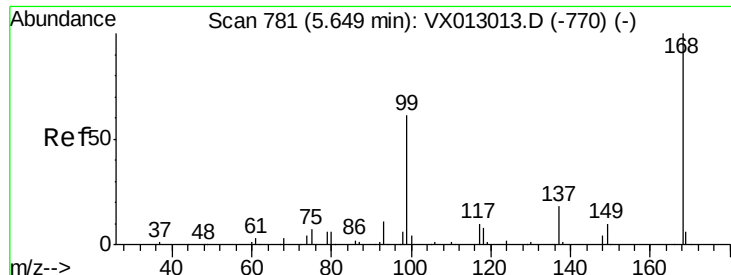
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013040.D

Acq: 14 Oct 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

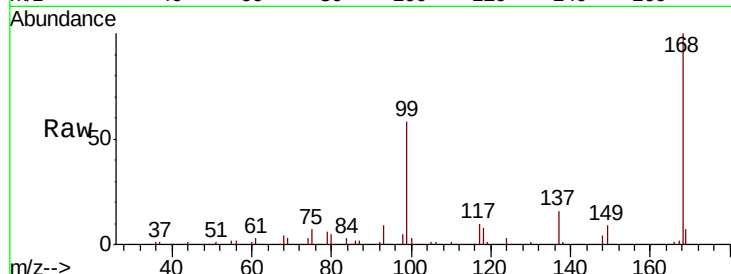
S49-TB-2019-10

Tot Ion:168 Resp: 189651

Ion Ratio Lower Upper

168 100

99 58.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

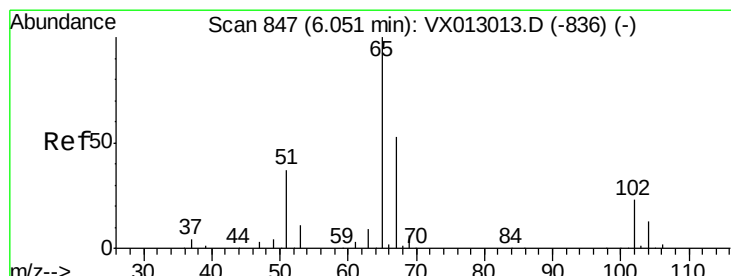
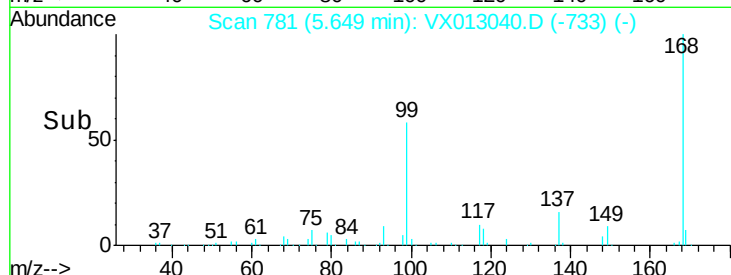
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.187 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013040.D

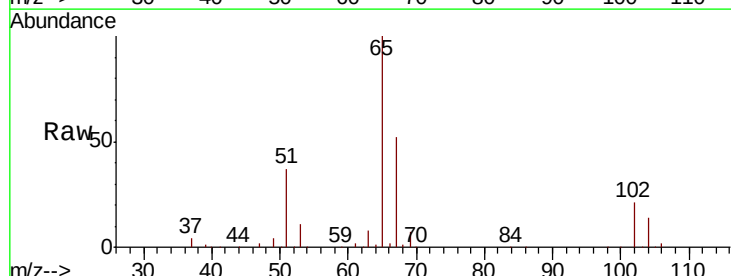
Acq: 14 Oct 2019 10:39

Tgt Ion: 65 Resp: 116593

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

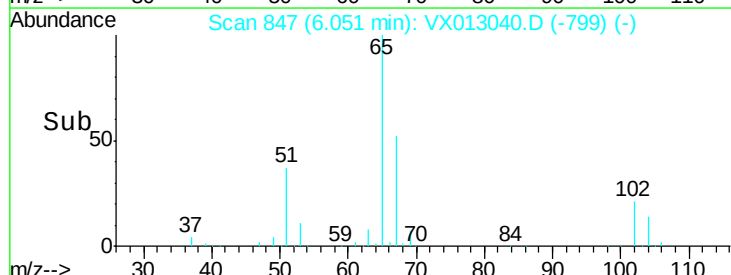
30000

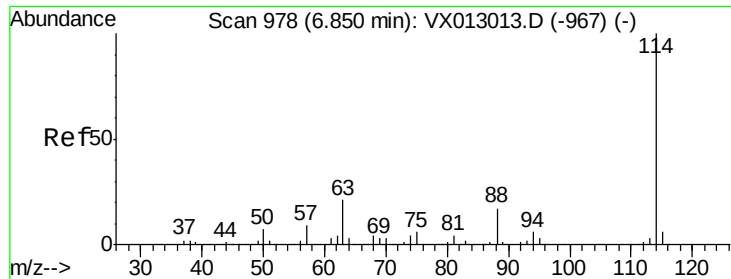
20000

10000

0

Time--> 6.00 6.10

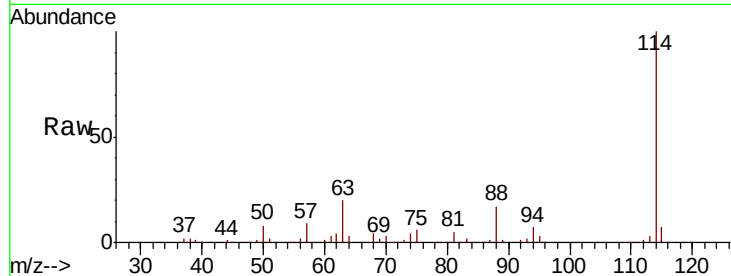




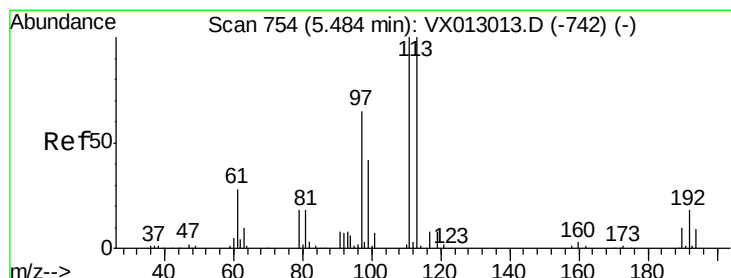
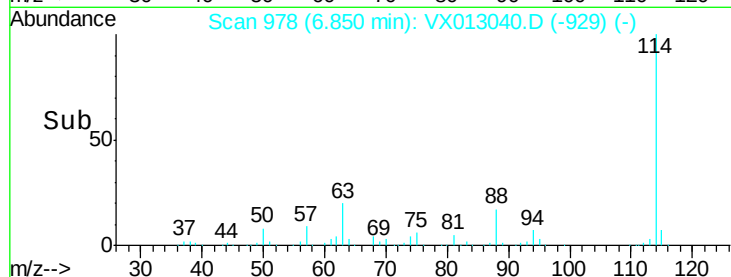
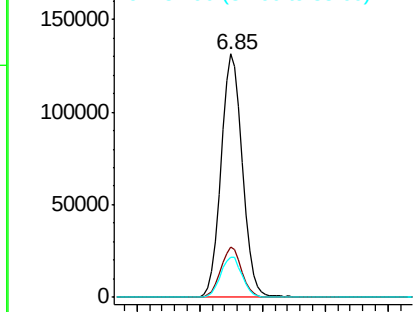
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013040.D
Acq: 14 Oct 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-10

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.7	0.0	33.8

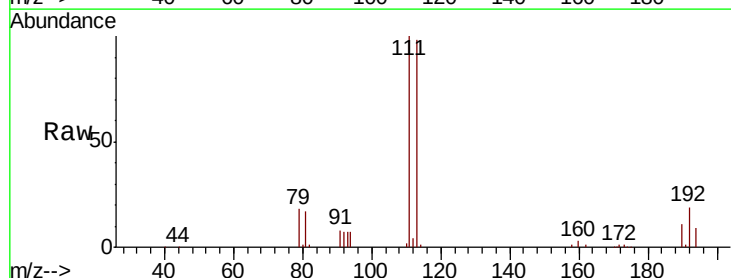


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

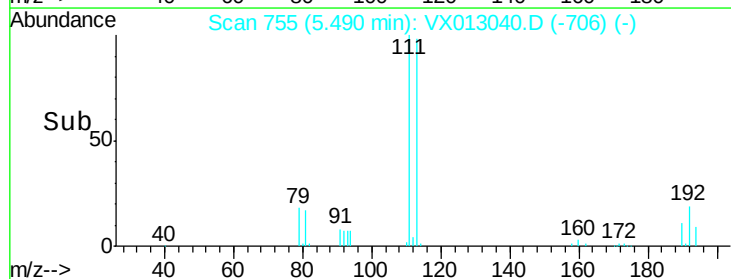
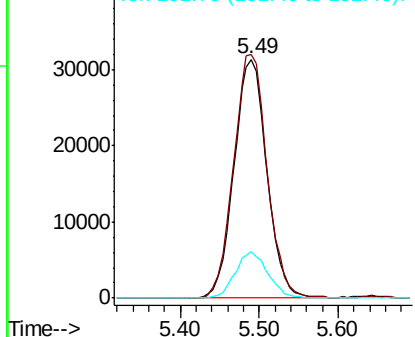


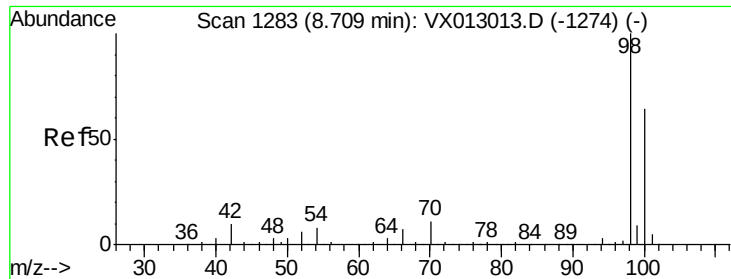
#35
Dibromofluoromethane
Concen: 51.009 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013040.D
Acq: 14 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.2	124.8
192	19.5	15.4	23.2



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: 51.441 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013040.D

Acq: 14 Oct 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

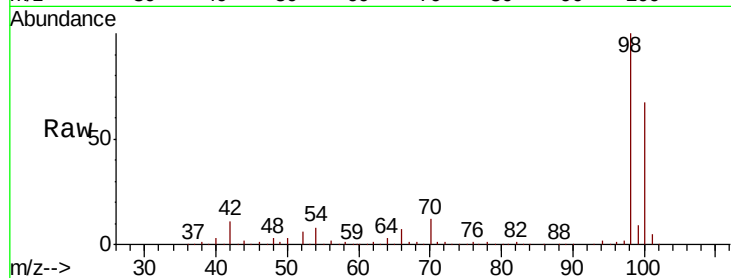
S49-TB-2019-10

Tot Ion: 98 Resp: 356647

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

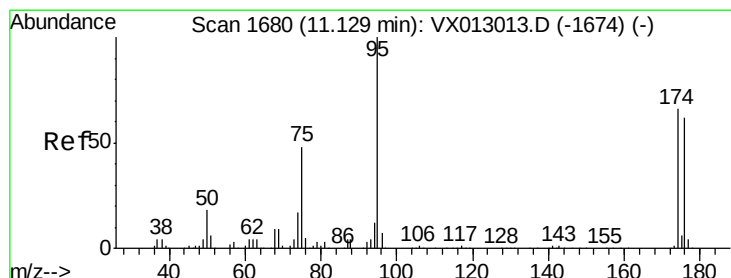
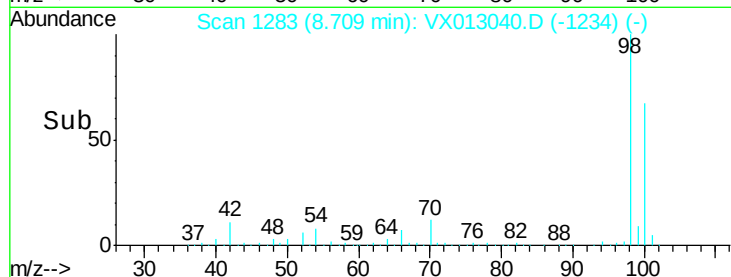
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.823 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013040.D

Acq: 14 Oct 2019 10:39

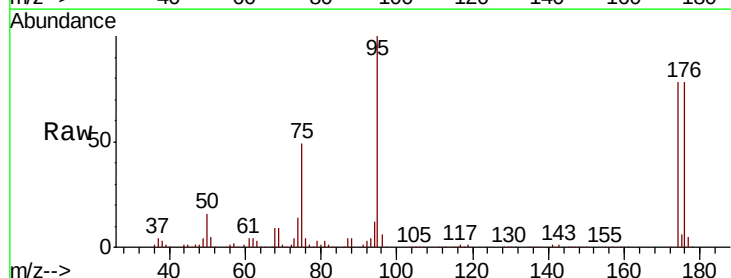
Tgt Ion: 95 Resp: 123443

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.4

176 71.1 0.0 136.0



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

120000

100000

80000

60000

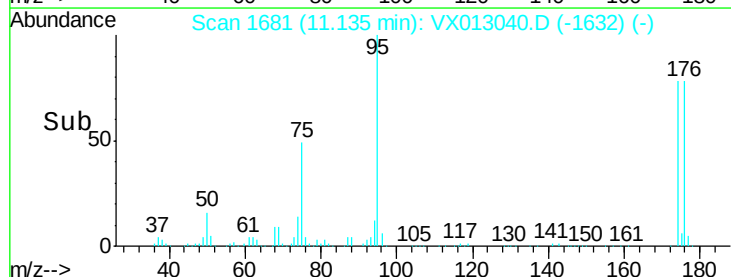
40000

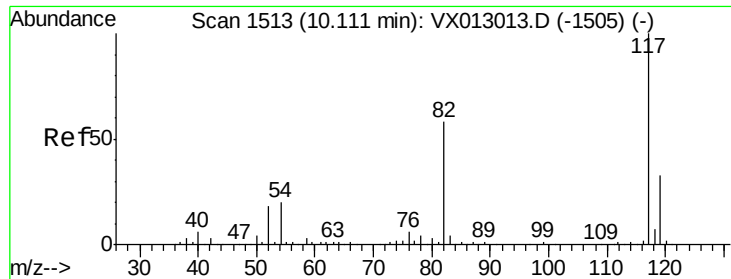
20000

0

Time-->

11.05 11.10 11.15 11.20

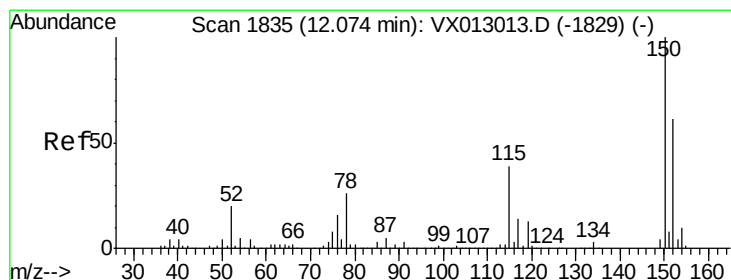
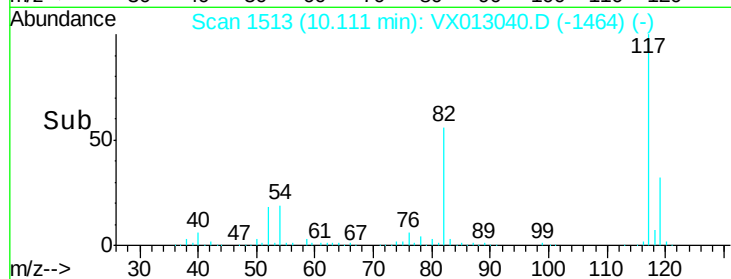
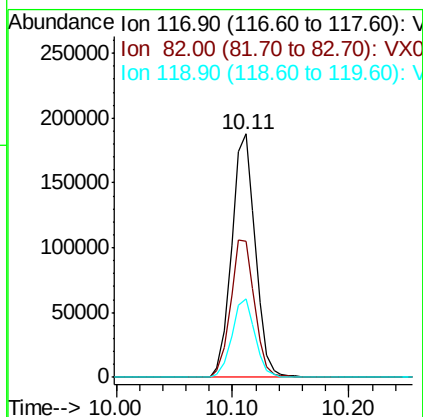
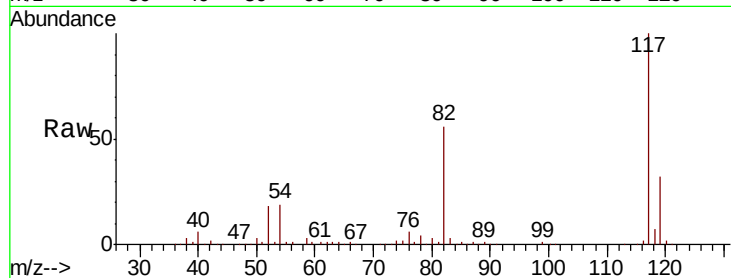




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013040.D
Acq: 14 Oct 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-10

Tot Ion:117 Resp: 264035
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013040.D
Acq: 14 Oct 2019 10:39

Tgt Ion:152 Resp: 107877
Ion Ratio Lower Upper
152 100
115 63.6 44.5 133.5
150 156.7 0.0 353.4

