

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014532.D
 Acq On : 10 Jan 2020 13:16
 Operator : JC/SP
 Sample : L1066-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2020-1

Quant Time: Jan 10 13:38:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	506985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	702836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319535	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	280690	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	227471	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.71	98	927139	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	311141	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	

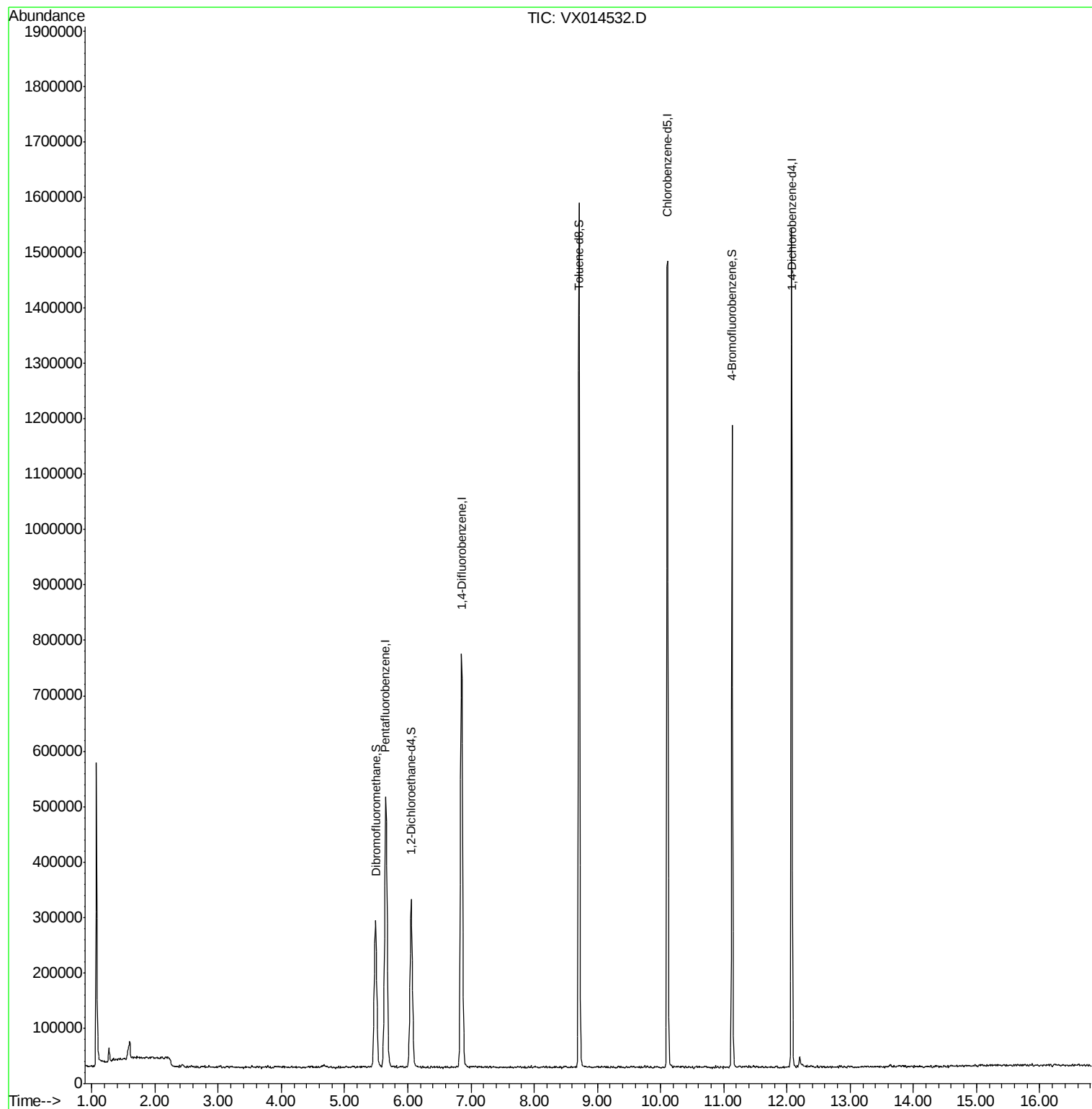
Target Compounds	Qvalue

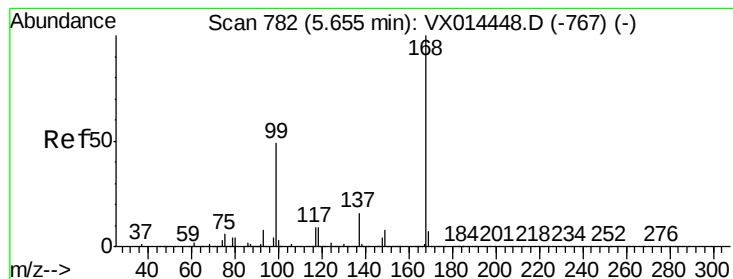
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014532.D

Acq: 10 Jan 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

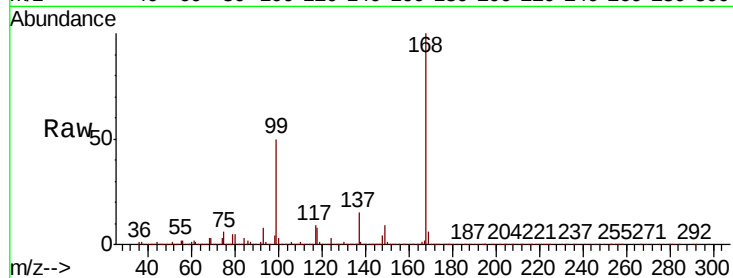
S32-TB-2020-1

Tot Ion:168 Resp: 506985

Ion Ratio Lower Upper

168 100

99 50.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

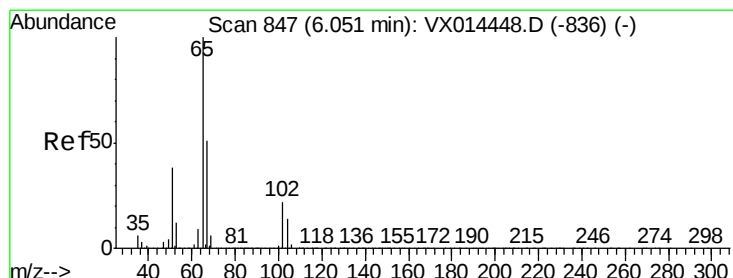
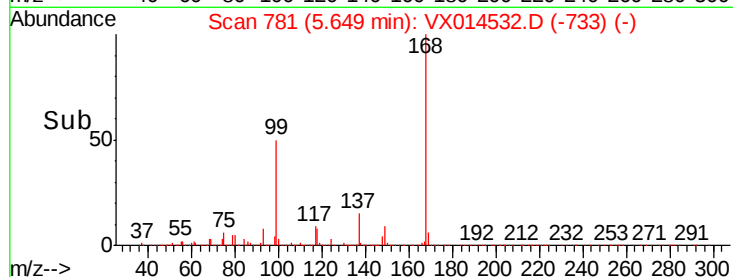
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.595 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014532.D

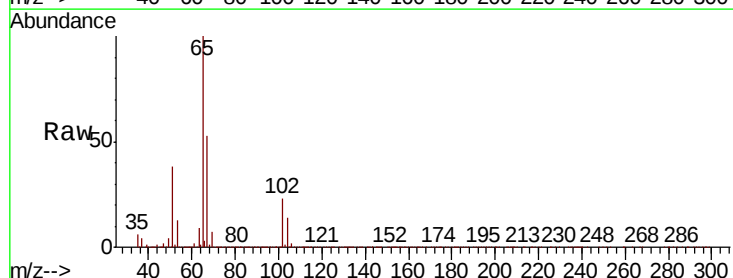
Acq: 10 Jan 2020 13:16

Tgt Ion: 65 Resp: 280690

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

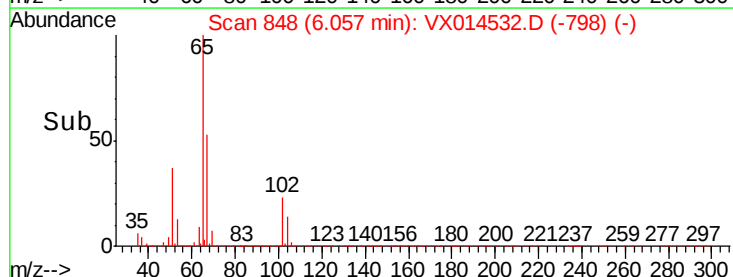
60000

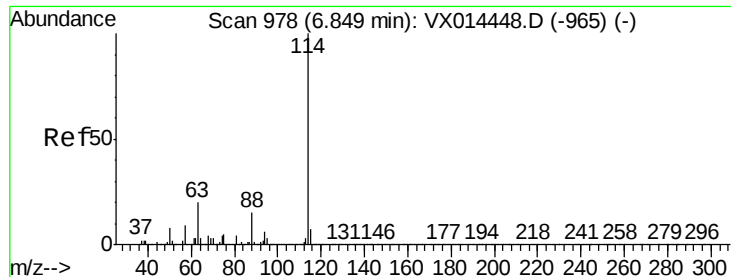
40000

20000

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: VX014532.D

Acq: 10 Jan 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2020-1

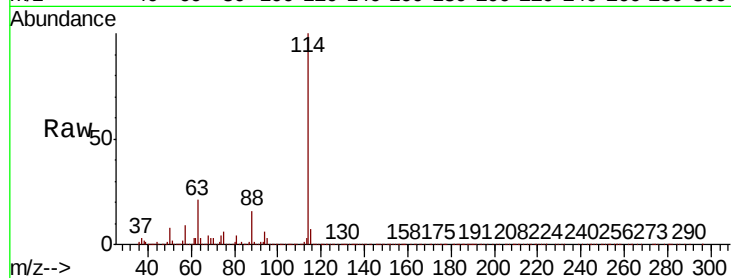
Tot Ion:114 Resp: 782240

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.6

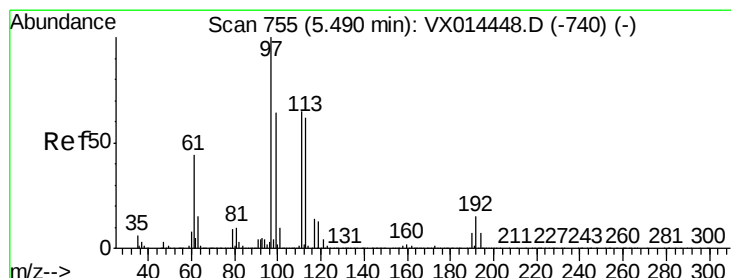
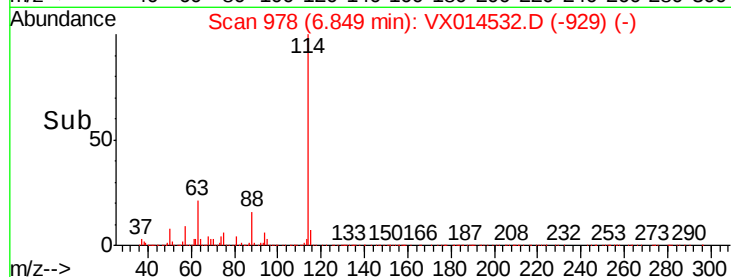
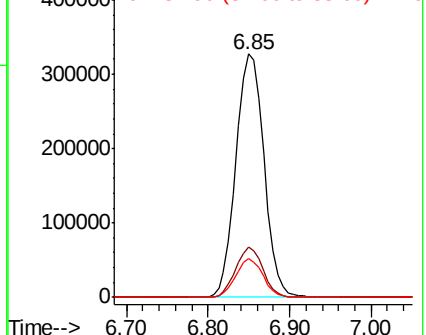
88 15.9 0.0 30.8



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: 48.038 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014532.D

Acq: 10 Jan 2020 13:16

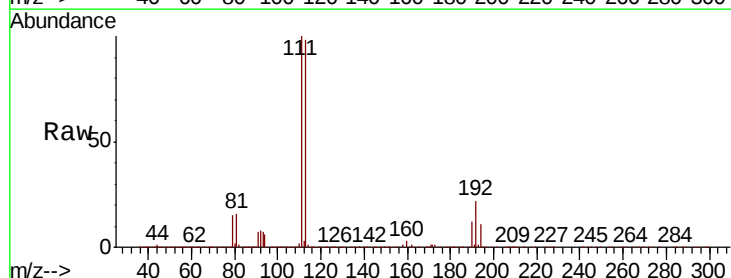
Tgt Ion:113 Resp: 227471

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

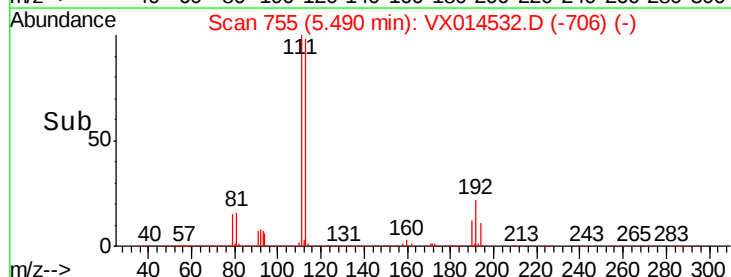
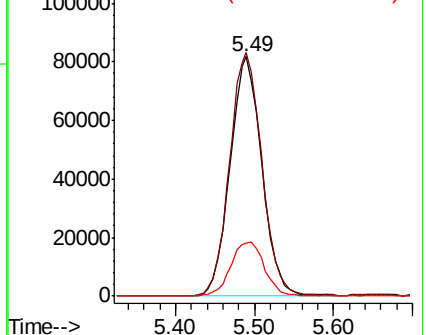
192 24.2 19.2 28.8

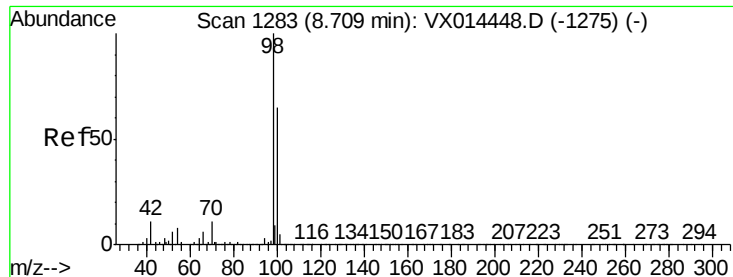


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

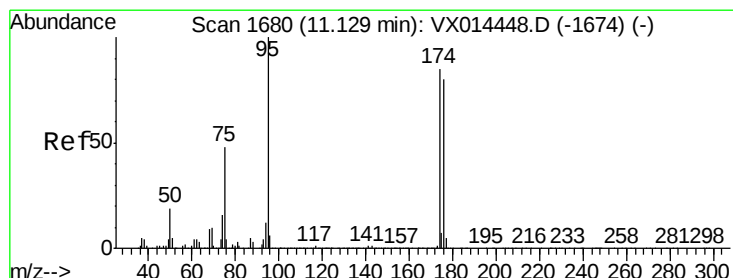
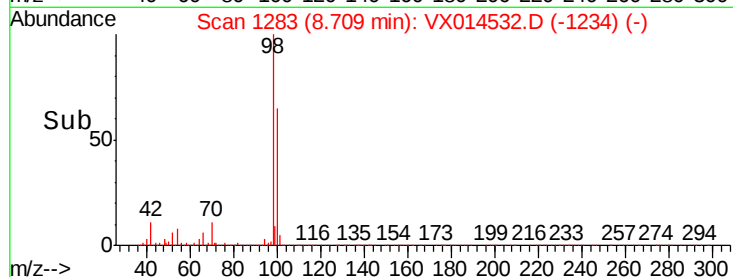
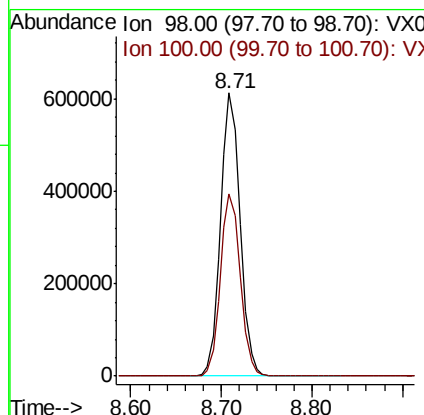
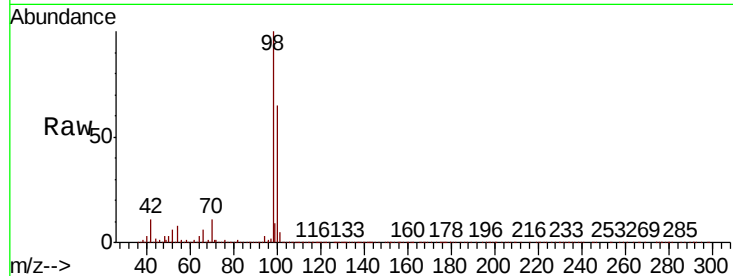




#50
Toluene-d8
Concen: 50.454 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014532.D
Acq: 10 Jan 2020 13:16

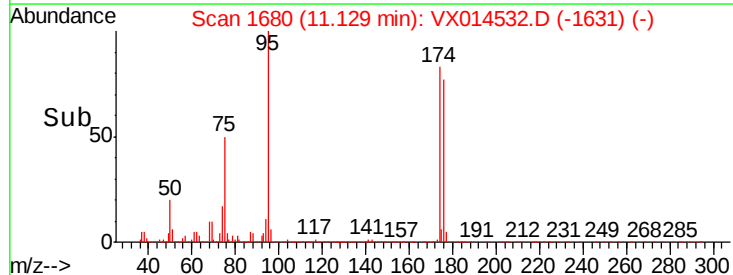
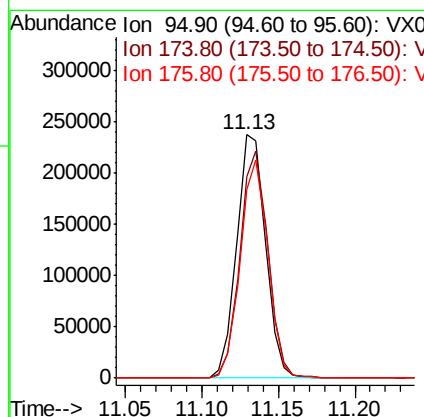
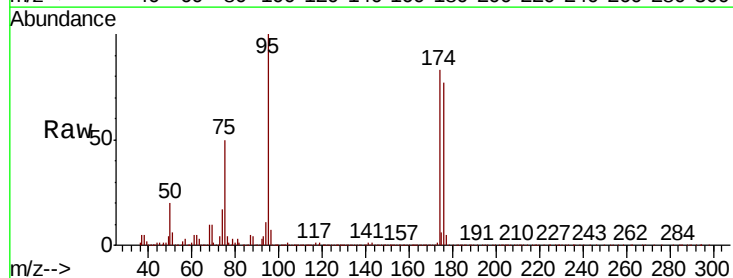
Instrument :
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S32-TB-2020-1

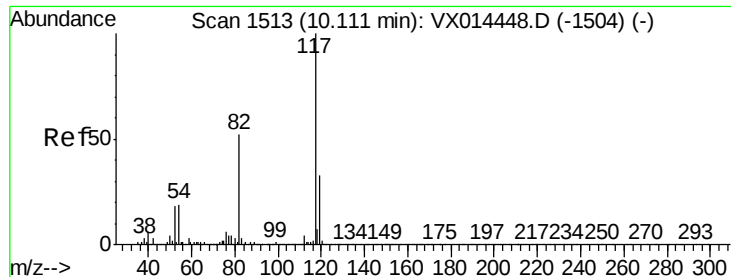
Tot Ion: 98 Resp: 927139
Ion Ratio Lower Upper
98 100
100 65.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 46.122 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014532.D
Acq: 10 Jan 2020 13:16

Tgt Ion: 95 Resp: 311141
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.8
176 86.5 0.0 172.8

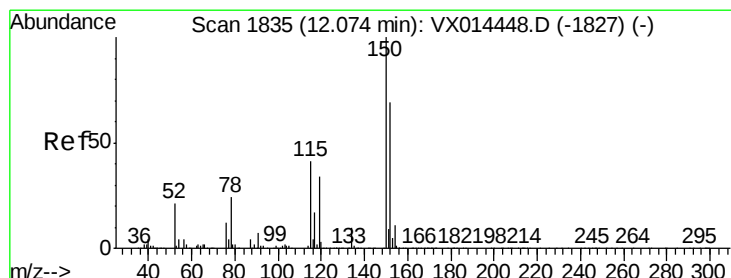
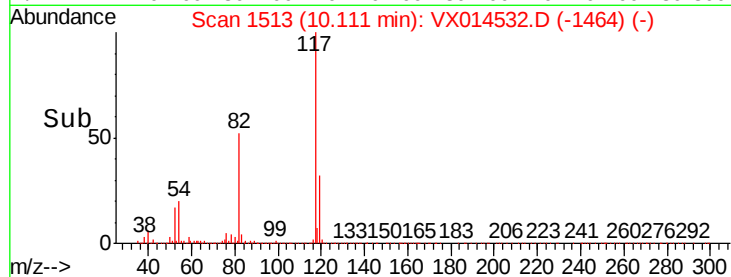
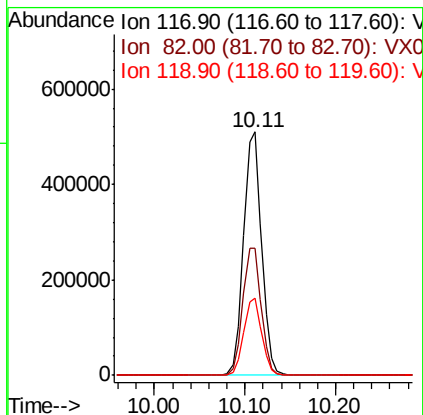
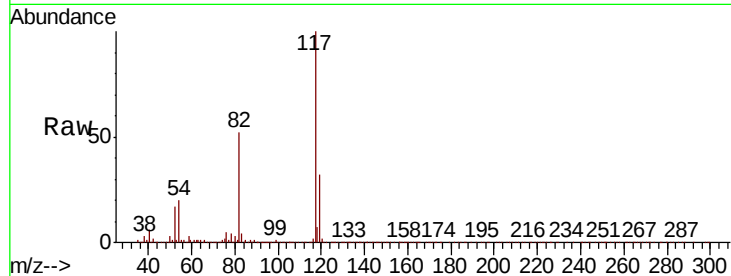




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014532.D
Acq: 10 Jan 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2020-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.6
119	31.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014532.D
Acq: 10 Jan 2020 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.5	118.3
150	156.0	0.0	350.2

