

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013208.D
 Acq On : 24 Oct 2019 13:56
 Operator : JC/SP
 Sample : K5532-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-7

Quant Time: Oct 29 11:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	96089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	135056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	136439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85434	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99789	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	5.48	113	76035	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	8.71	98	282452	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	106091	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

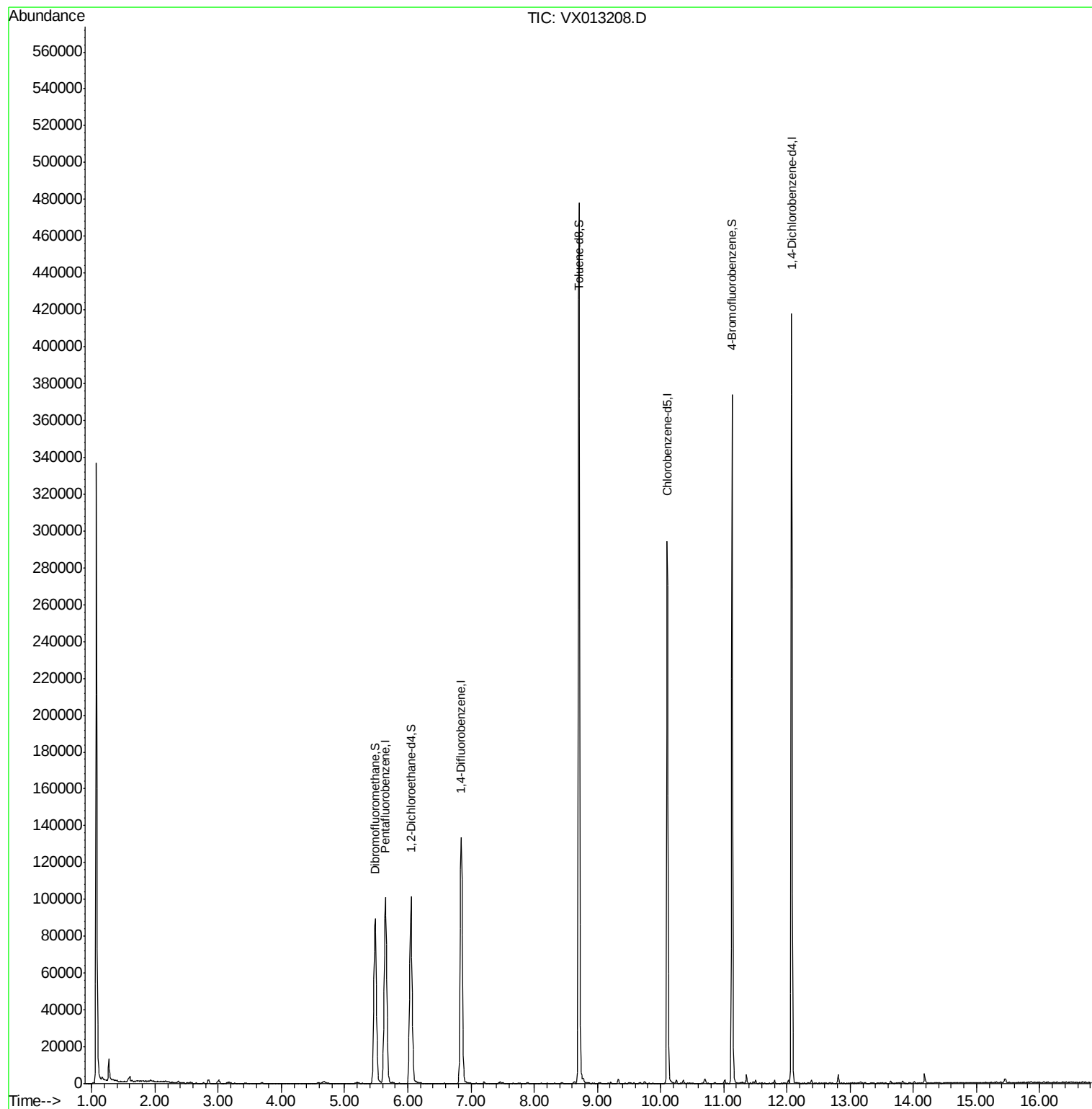
Target Compounds	Qvalue

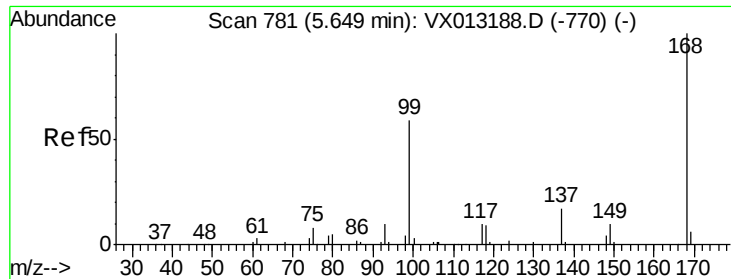
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013208.D

Acq: 24 Oct 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

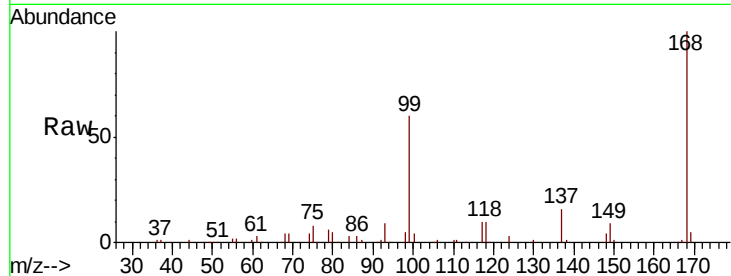
S32-TB-2019-7

Tot Ion:168 Resp: 96089

Ion Ratio Lower Upper

168 100

99 60.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

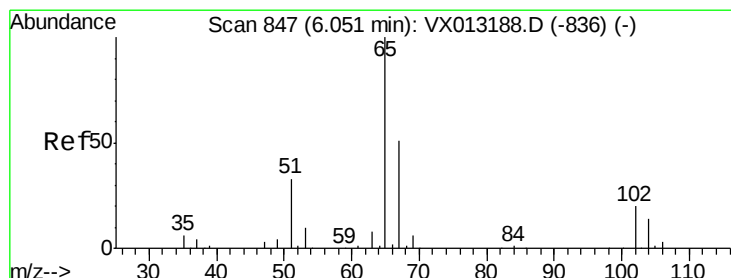
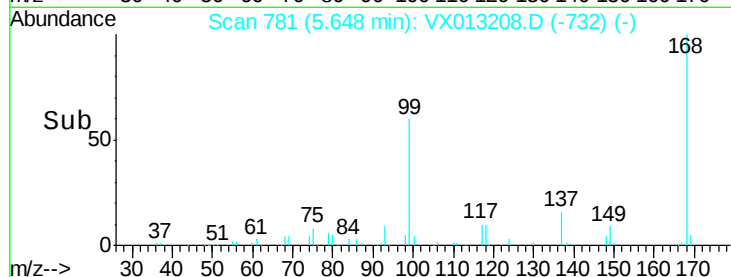
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 49.652 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013208.D

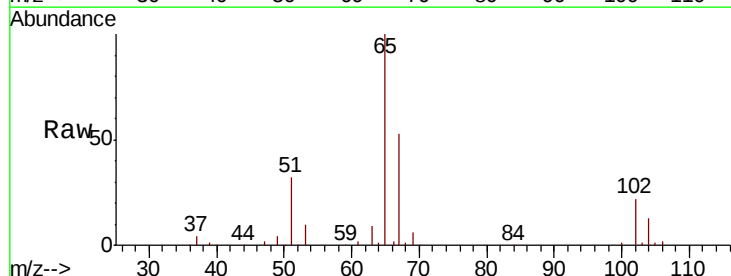
Acq: 24 Oct 2019 13:56

Tgt Ion: 65 Resp: 99789

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

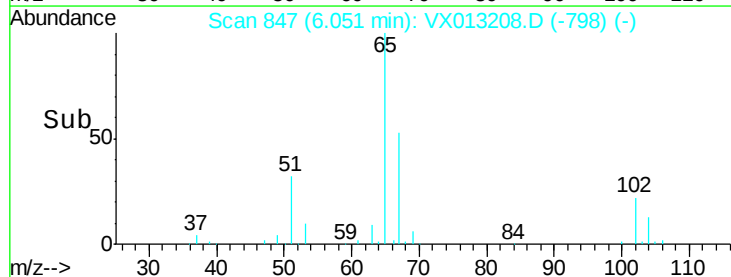
30000

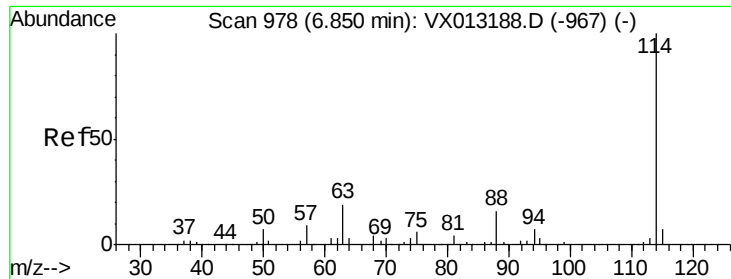
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

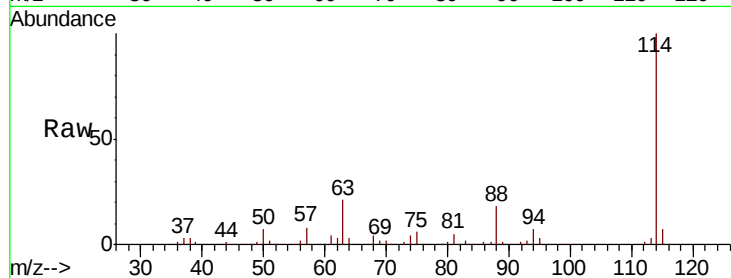




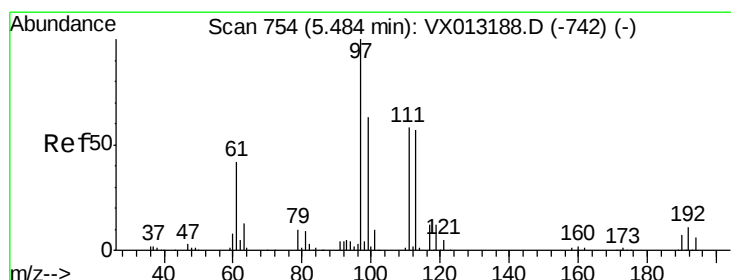
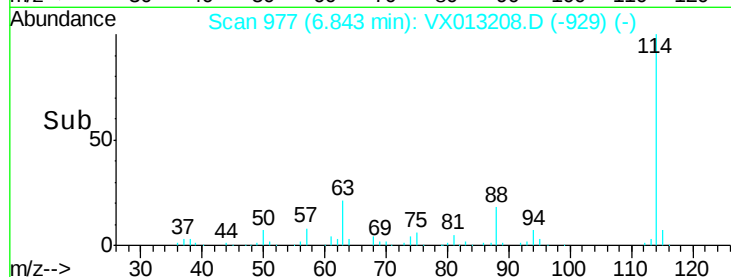
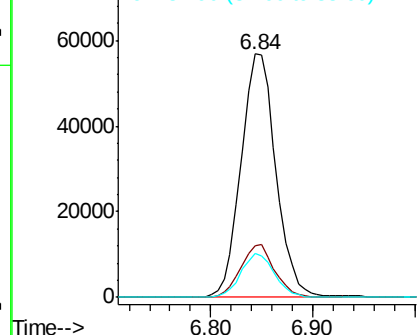
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013208.D
 Acq: 24 Oct 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-7

Tot Ion:114 Resp: 135056
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.0
 88 17.9 0.0 32.0

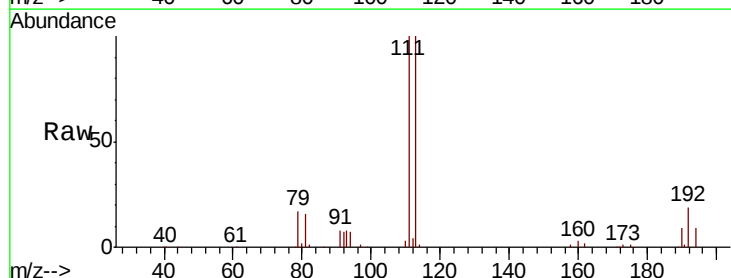


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

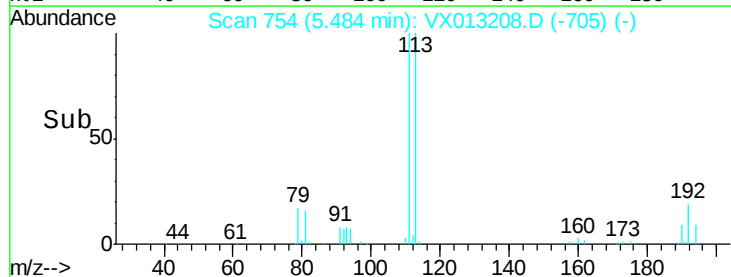
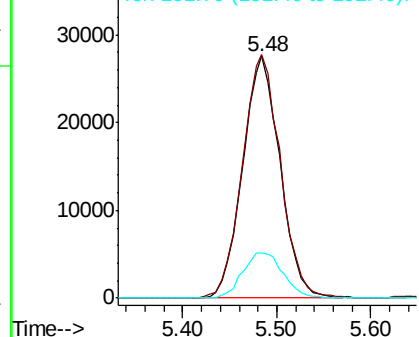


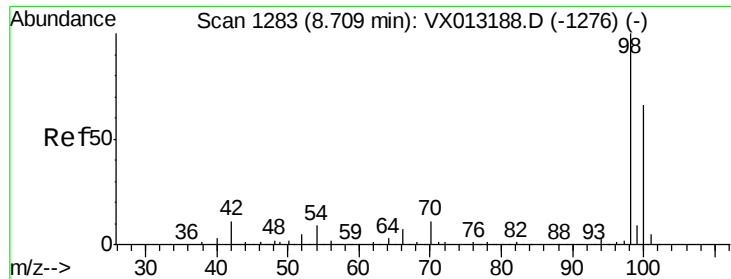
#35
 Dibromofluoromethane
 Concen: 50.486 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013208.D
 Acq: 24 Oct 2019 13:56

Tgt Ion:113 Resp: 76035
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.3 120.5
 192 20.4 15.9 23.9



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

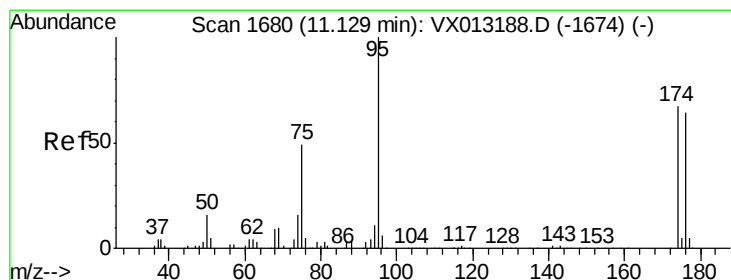
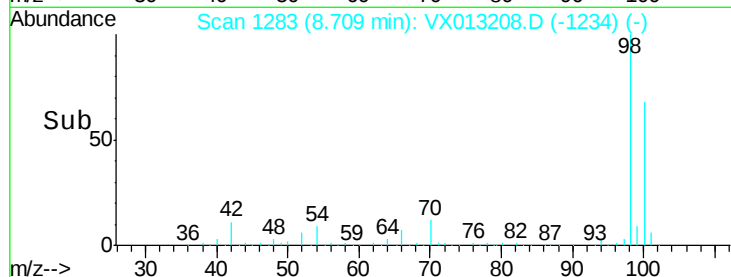
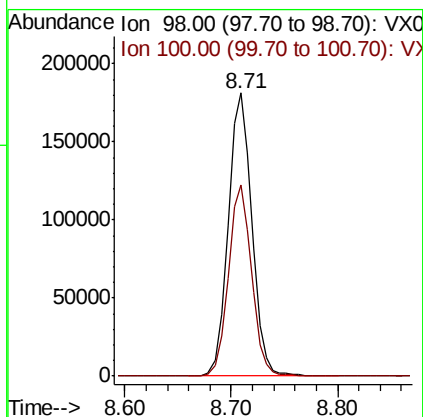
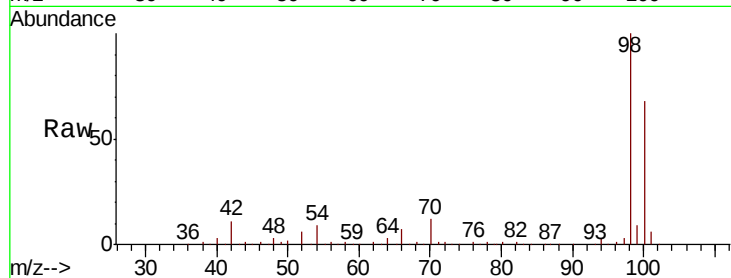




#50
Toluene-d8
Concen: 50.607 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013208.D
Acq: 24 Oct 2019 13:56

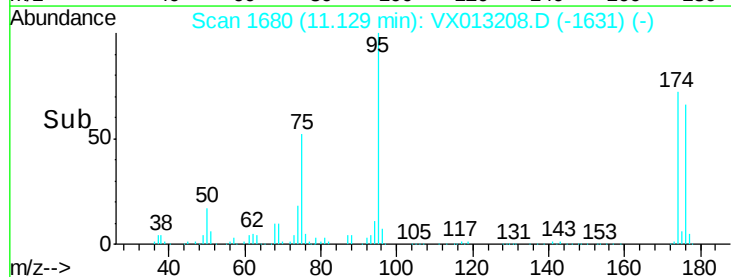
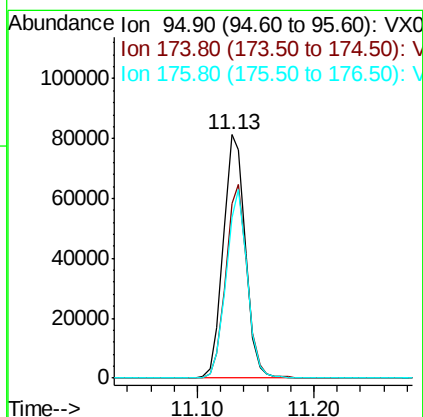
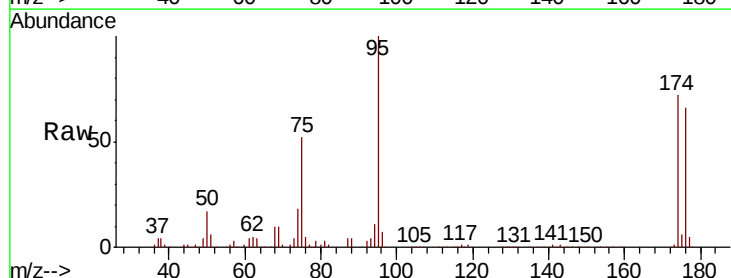
Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-7

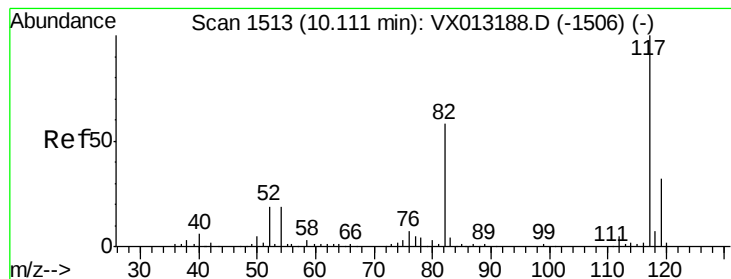
Tot Ion: 98 Resp: 282452
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 48.024 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013208.D
Acq: 24 Oct 2019 13:56

Tgt Ion: 95 Resp: 106091
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.4
176 74.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013208.D

Acq: 24 Oct 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2019-7

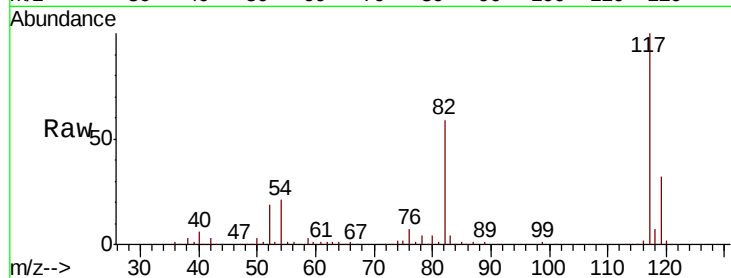
Tot Ion:117 Resp: 136439

Ion Ratio Lower Upper

117 100

82 59.1 46.5 69.7

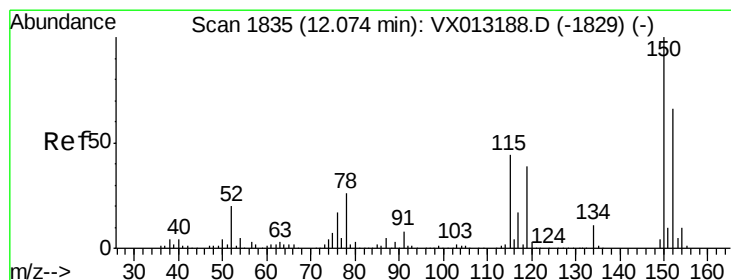
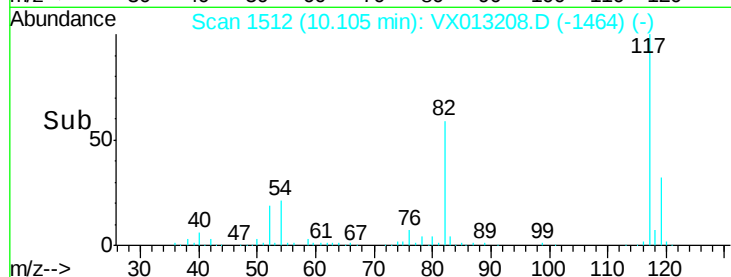
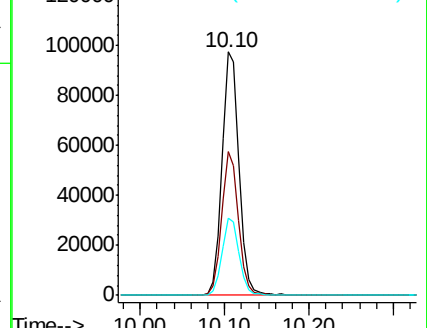
119 31.7 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX013208.D

Acq: 24 Oct 2019 13:56

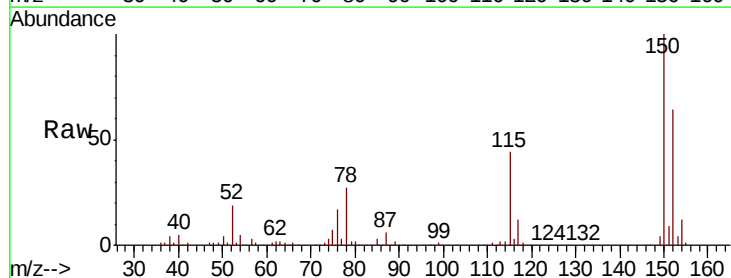
Tgt Ion:152 Resp: 85434

Ion Ratio Lower Upper

152 100

115 65.3 46.6 139.8

150 150.8 0.0 354.0



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

