

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008244.D
 Acq On : 20 Mar 2019 16:04
 Operator : JC/SP
 Sample : K1985-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308I-20190317

Quant Time: Mar 22 07:08:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	336306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	553743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189866	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	235574	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	5.51	113	174099	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
50) Toluene-d8	8.71	98	679395	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	218869	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	

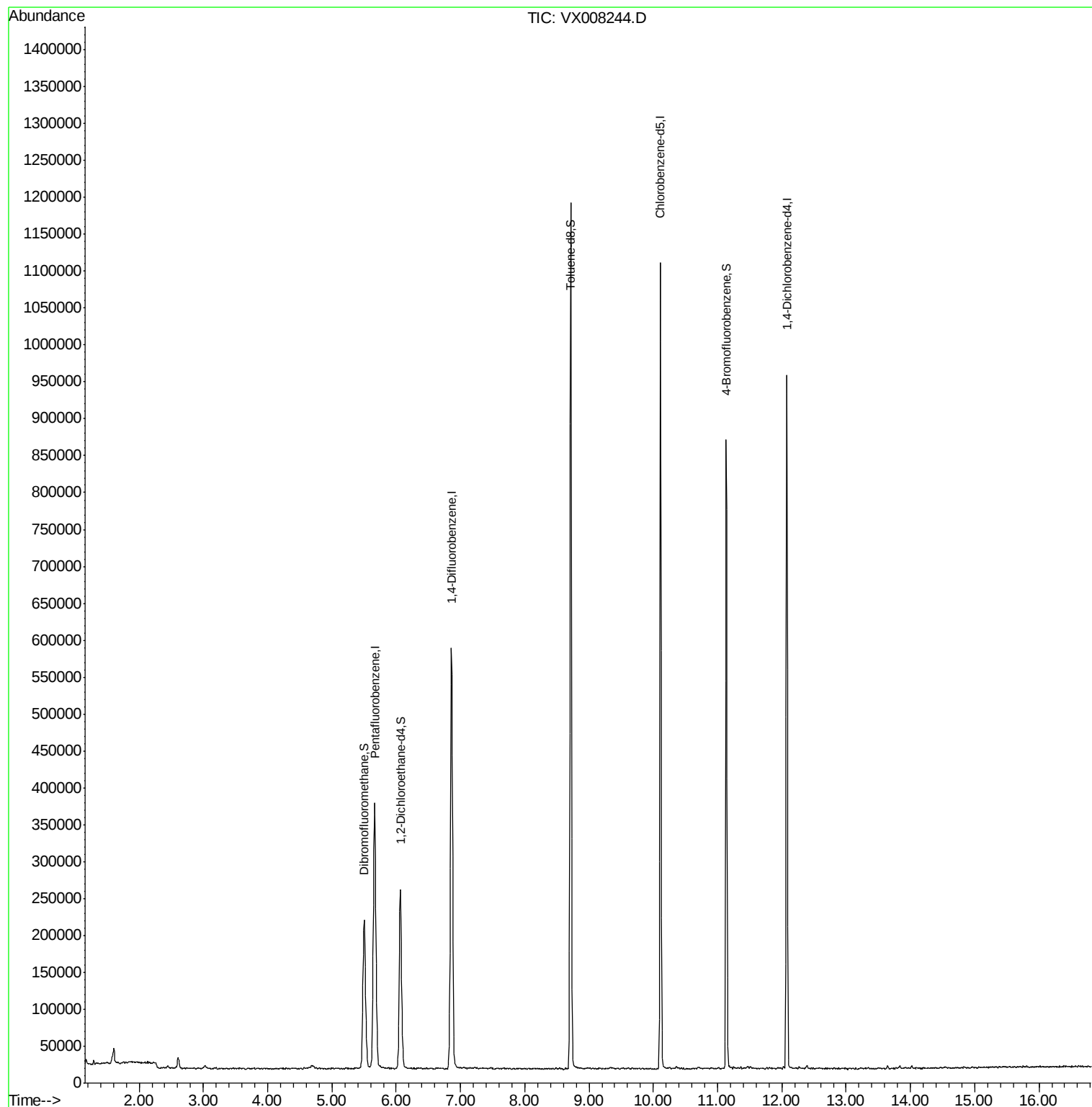
Target Compounds	Qvalue
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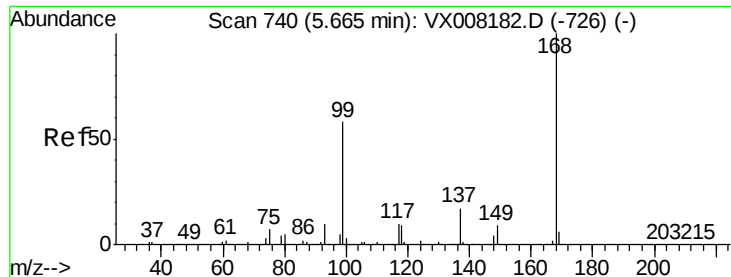
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008244.D

Acq: 20 Mar 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

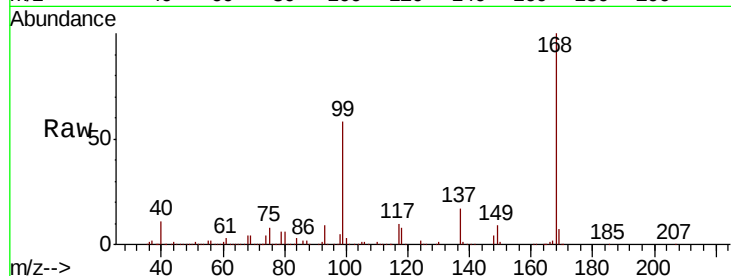
BPS1-TT-MW308I-20190317

Tot Ion:168 Resp: 336306

Ion Ratio Lower Upper

168 100

99 57.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX008182.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008182.D (-726) (-)

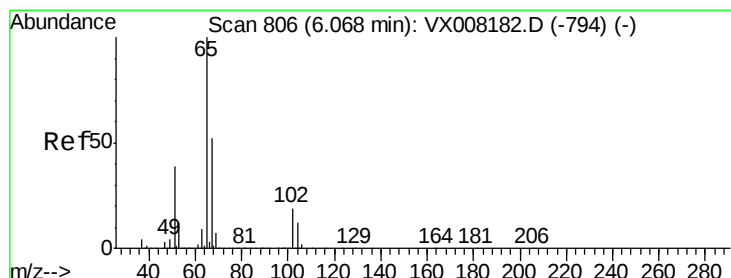
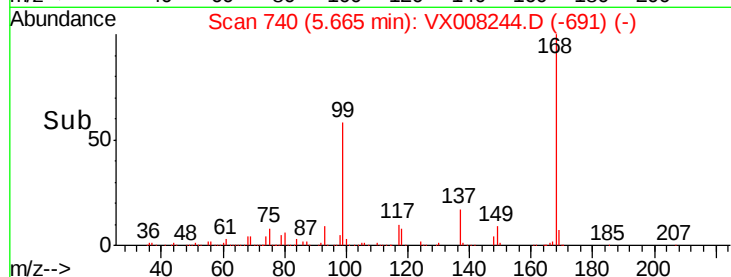
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.510 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008244.D

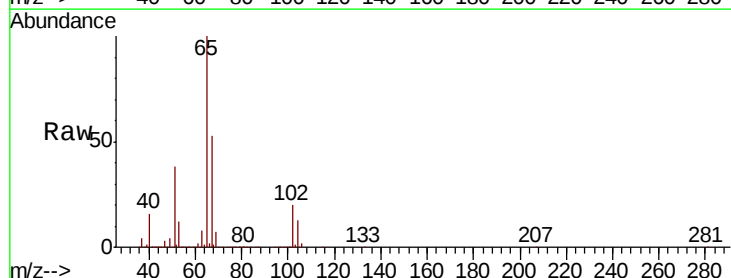
Acq: 20 Mar 2019 16:04

Tgt Ion: 65 Resp: 235574

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX008182.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX008182.D (-794) (-)

6.07

100000

80000

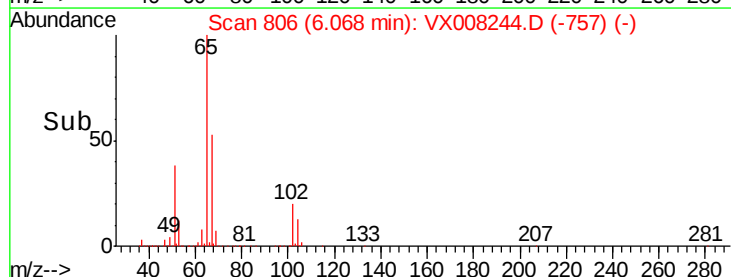
60000

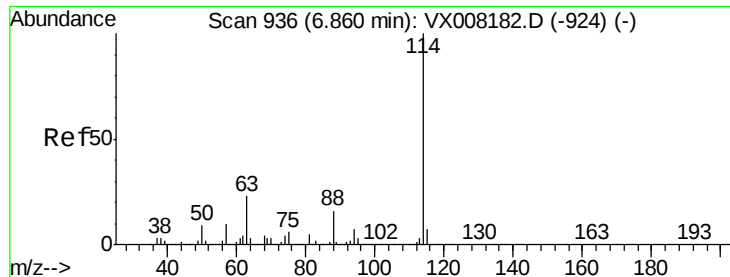
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008244.D

Acq: 20 Mar 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308I-20190317

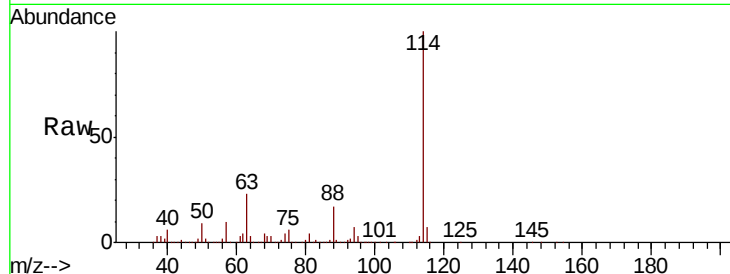
Tot Ion:114 Resp: 553743

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.8

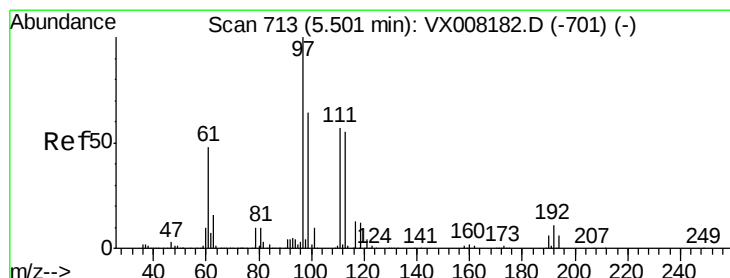
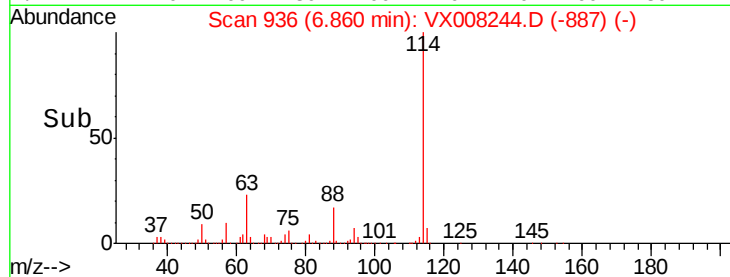
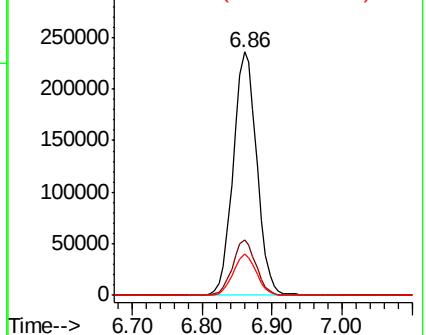
88 16.9 0.0 31.4



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: 46.966 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008244.D

Acq: 20 Mar 2019 16:04

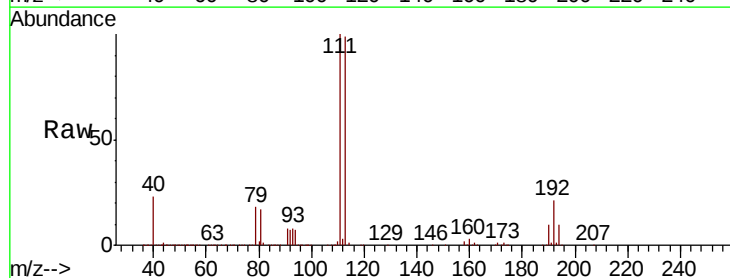
Tgt Ion:113 Resp: 174099

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

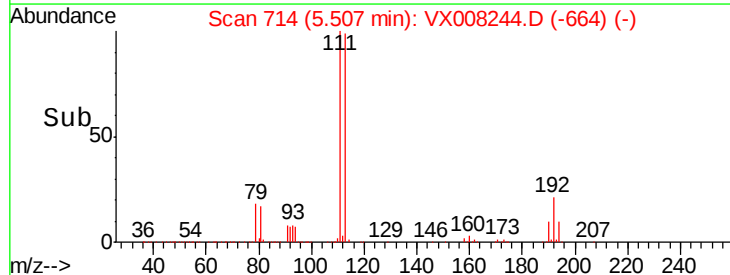
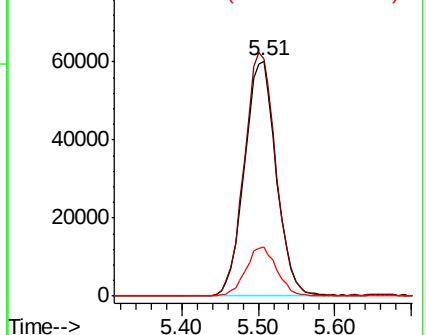
192 20.7 19.4 29.0

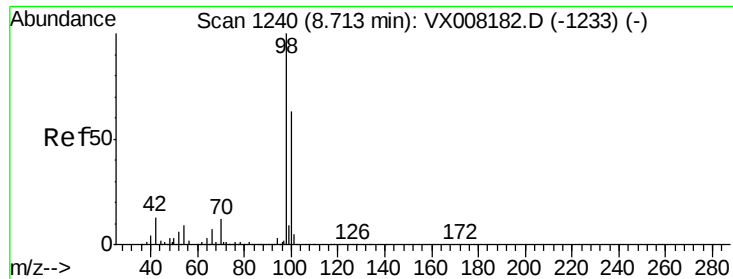


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

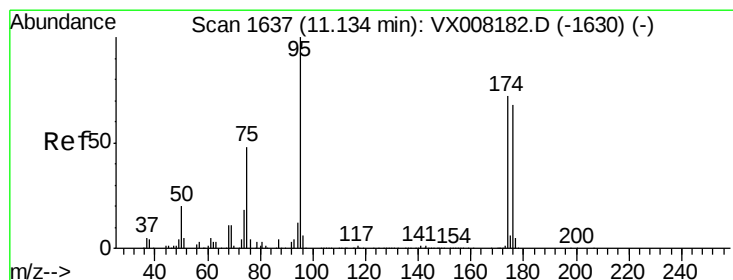
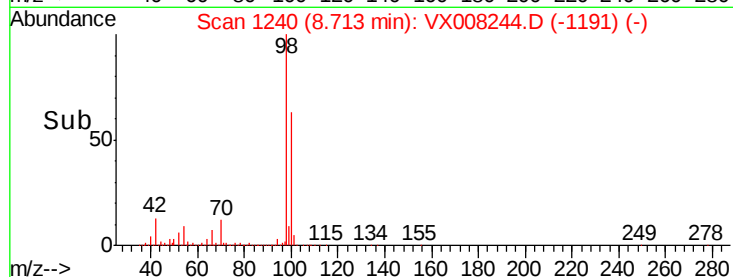
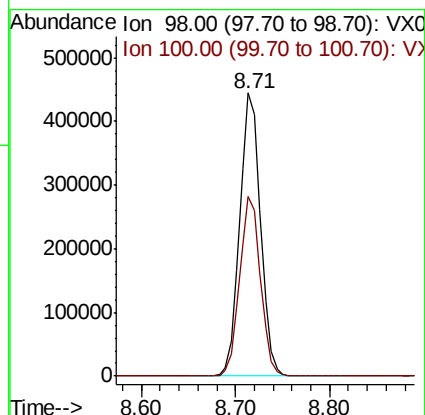
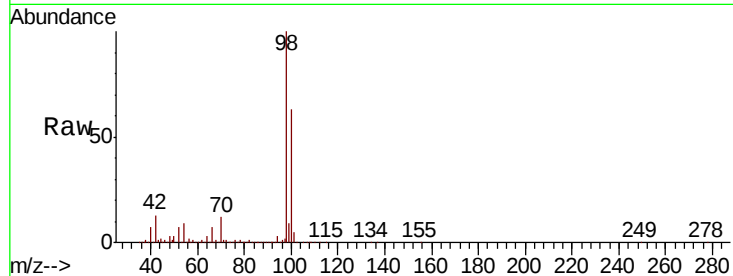




#50
Toluene-d8
Concen: 48.341 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008244.D
Acq: 20 Mar 2019 16:04

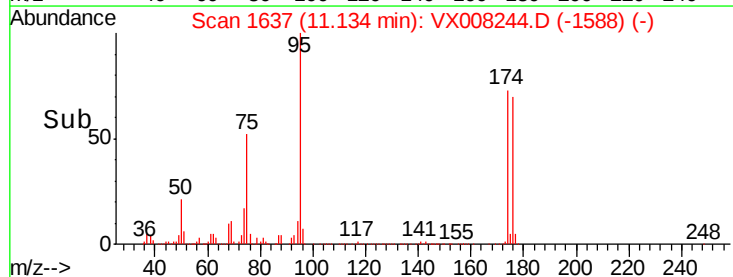
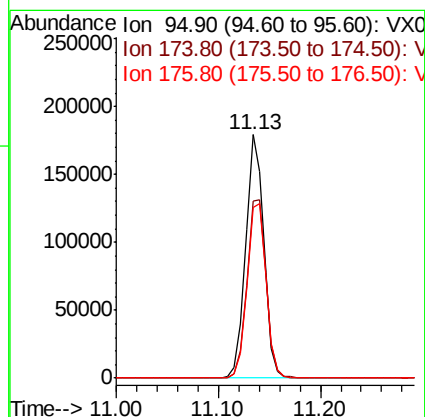
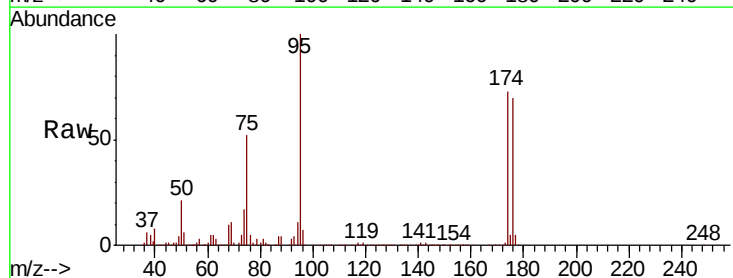
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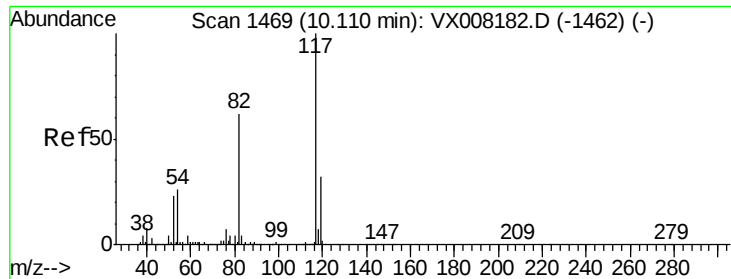
Tot Ion: 98 Resp: 679395
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.228 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008244.D
Acq: 20 Mar 2019 16:04

Tgt Ion: 95 Resp: 218869
Ion Ratio Lower Upper
95 100
174 77.9 0.0 182.8
176 75.6 0.0 178.0

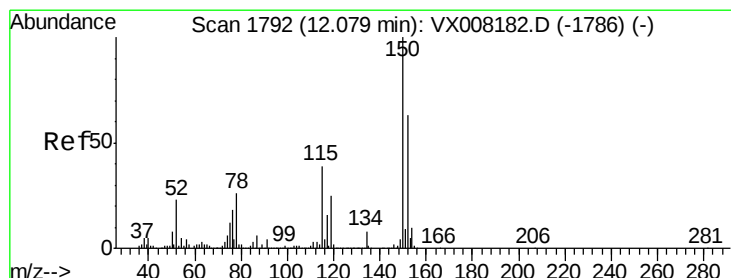
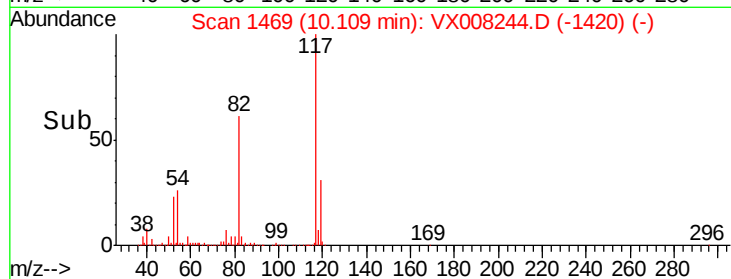
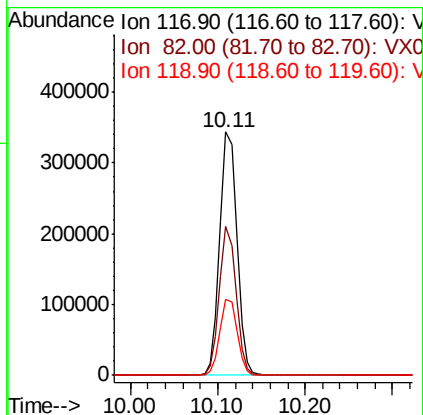
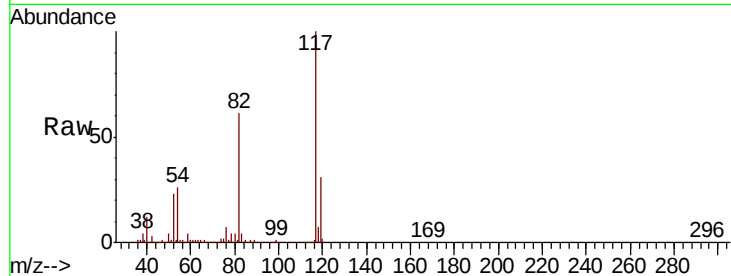




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008244.D
Acq: 20 Mar 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308I-20190317

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	44.3	66.5
119	31.0	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008244.D
Acq: 20 Mar 2019 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	38.6	115.7
150	155.9	0.0	348.4

