

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006619.D
 Acq On : 19 Dec 2018 01:38
 Operator : JC/MD
 Sample : J6408-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.1571-20181208

Quant Time: Dec 19 07:25:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	657820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1058380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	965899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460223	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	363487	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	5.50	113	315538	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	1261600	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	454071	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	

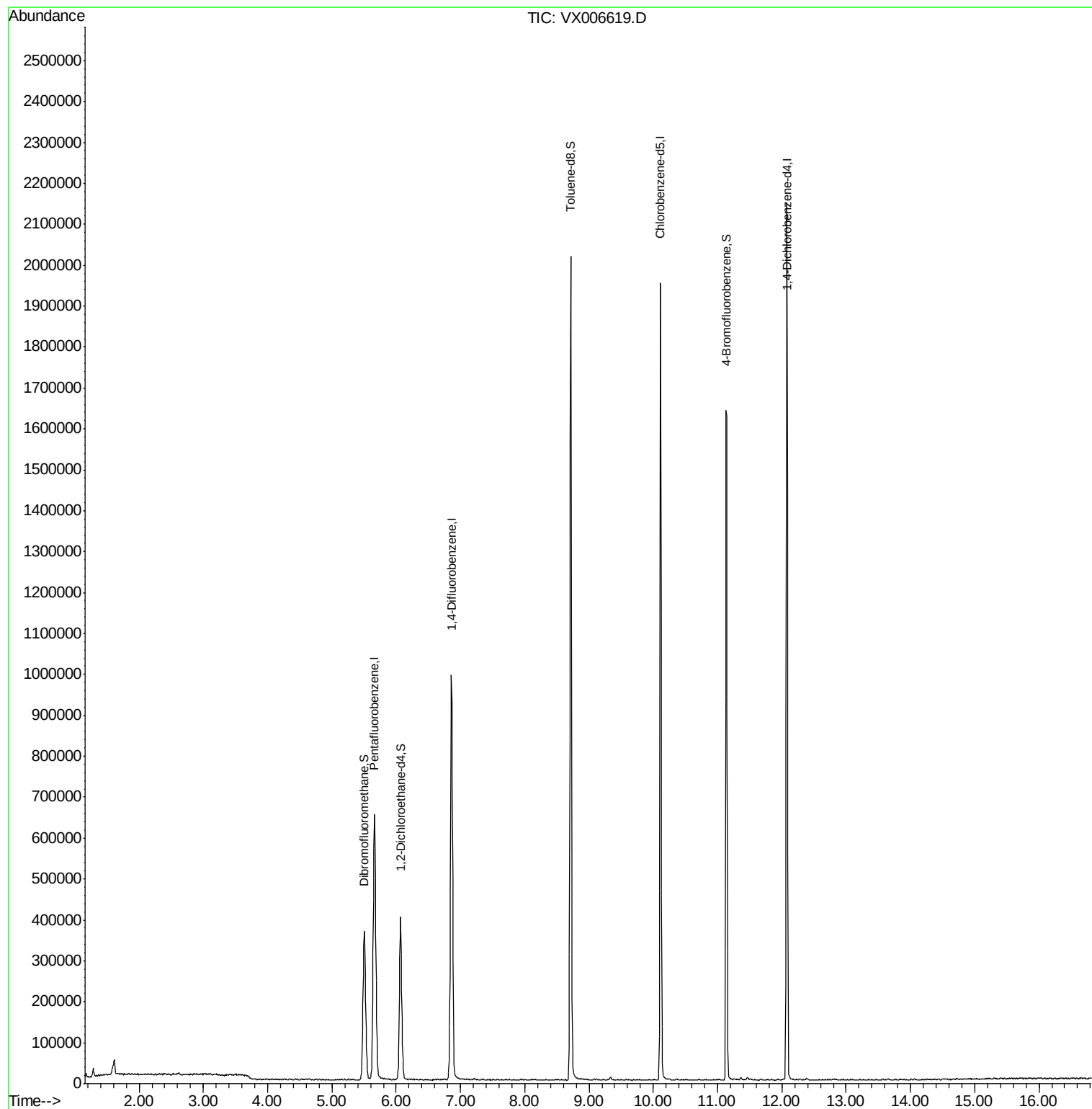
Target Compounds	Qvalue
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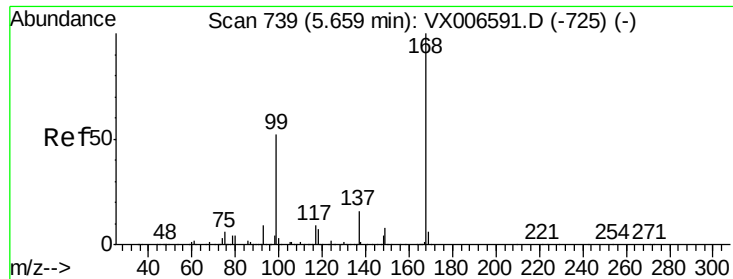
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006619.D

Acq: 19 Dec 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

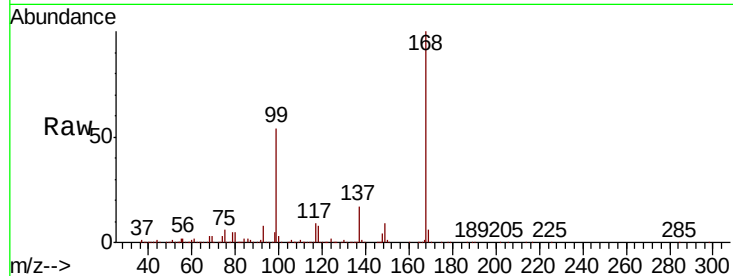
SA.1571-20181208

Tot Ion:168 Resp: 657820

Ion Ratio Lower Upper

168 100

99 54.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

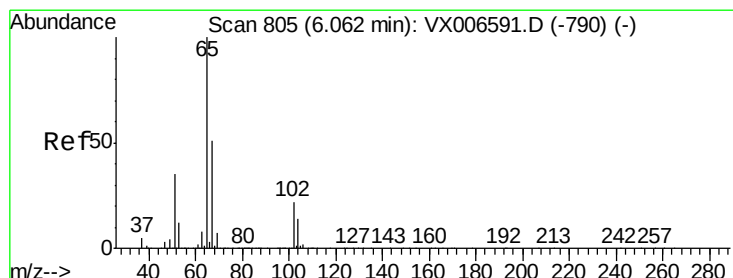
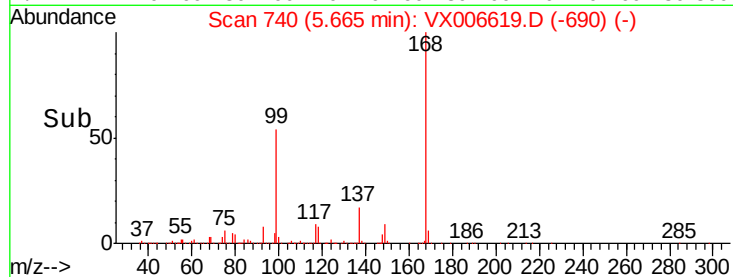
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.270 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006619.D

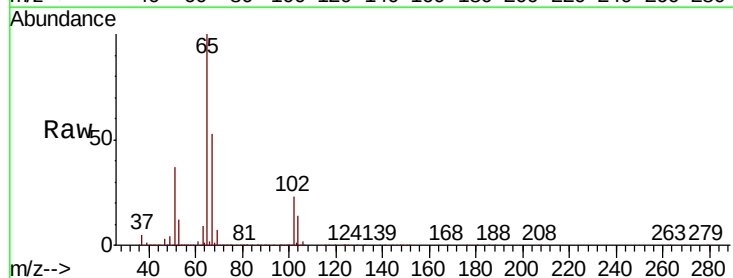
Acq: 19 Dec 2018 01:38

Tgt Ion: 65 Resp: 363487

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

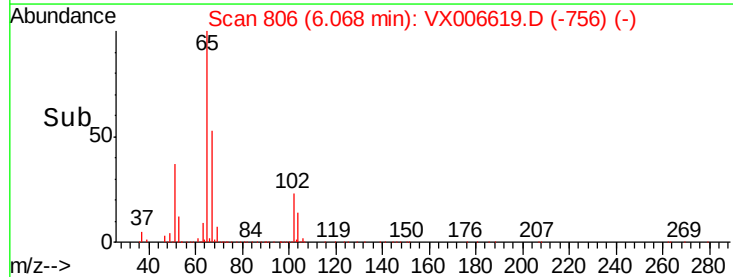
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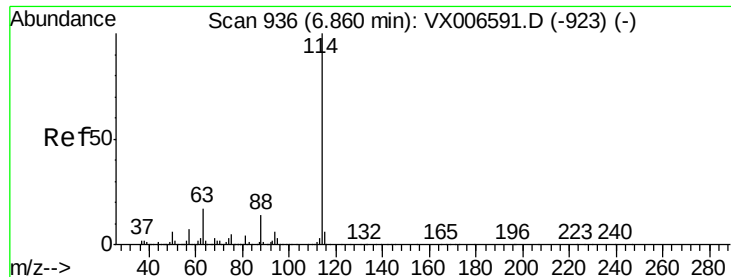
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

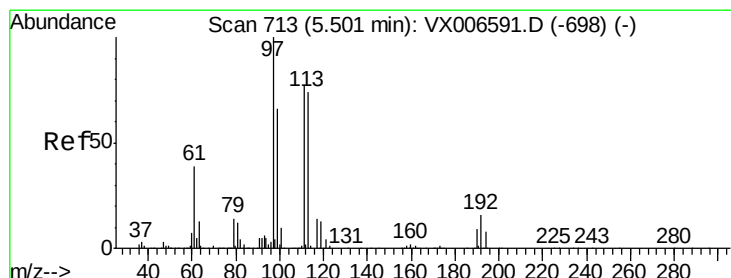
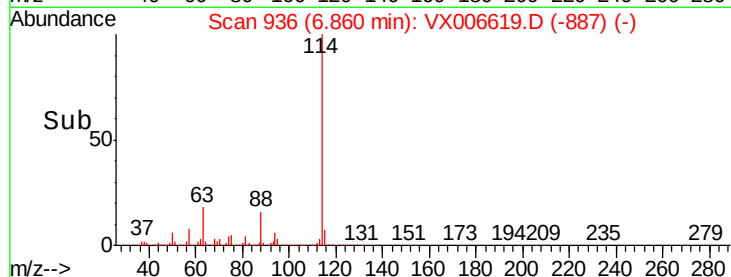
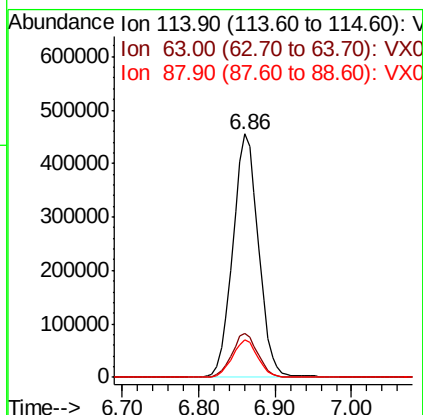
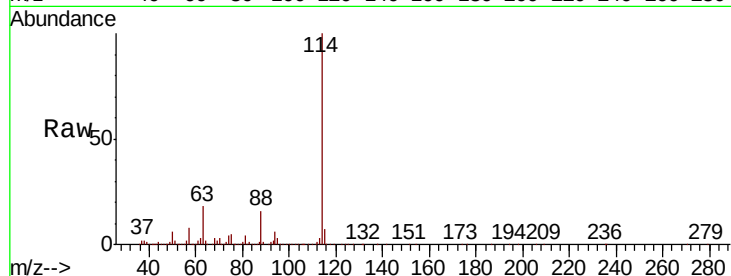




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006619.D
Acq: 19 Dec 2018 01:38

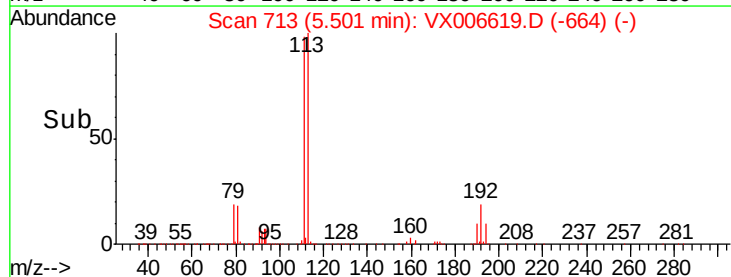
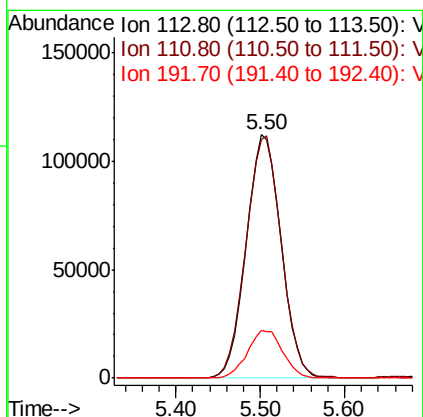
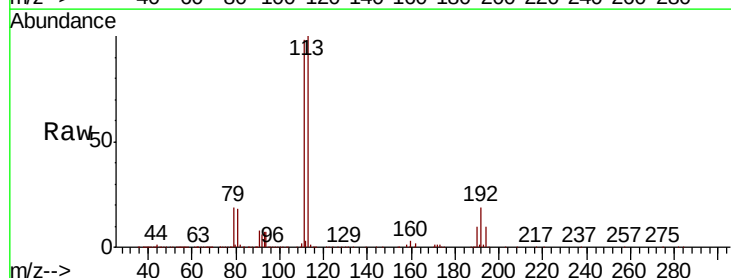
Instrument :
MSVOA_X
ClientSampleId :
SA.1571-20181208

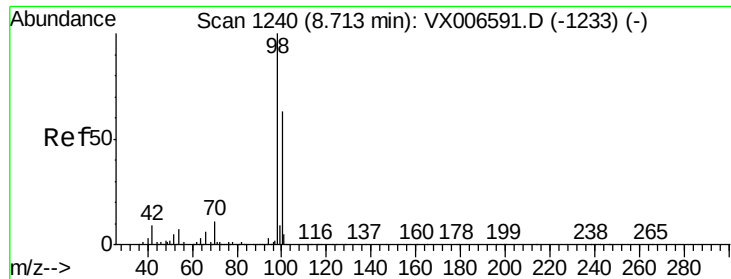
Tot Ion:114 Resp: 1058380
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.6
88 15.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.145 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006619.D
Acq: 19 Dec 2018 01:38

Tgt Ion:113 Resp: 315538
Ion Ratio Lower Upper
113 100
111 100.7 81.1 121.7
192 19.9 18.2 27.2

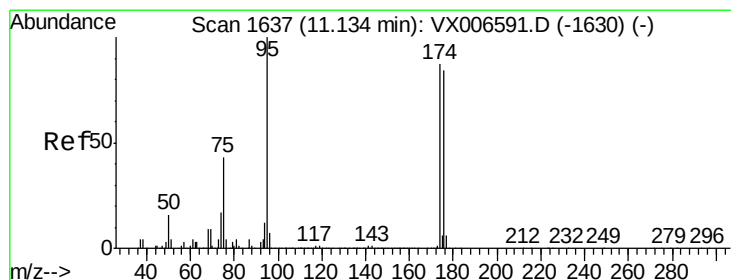
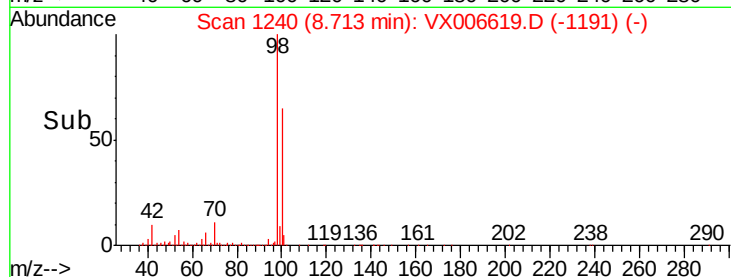
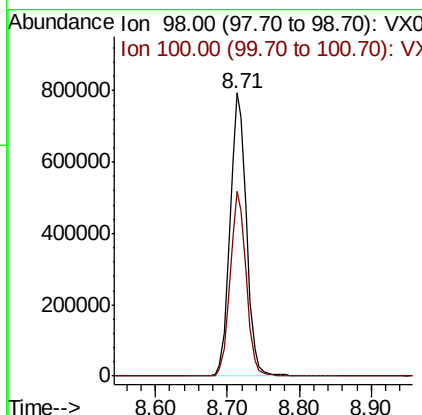
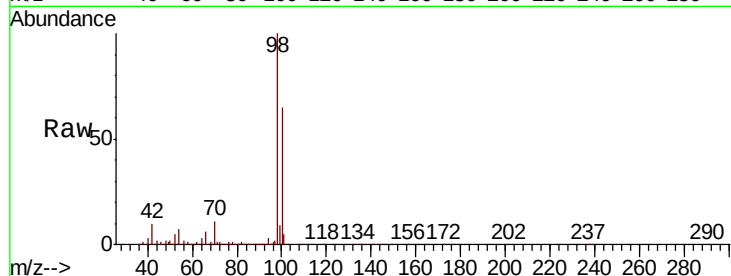




#50
Toluene-d8
Concen: 49.998 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006619.D
Acq: 19 Dec 2018 01:38

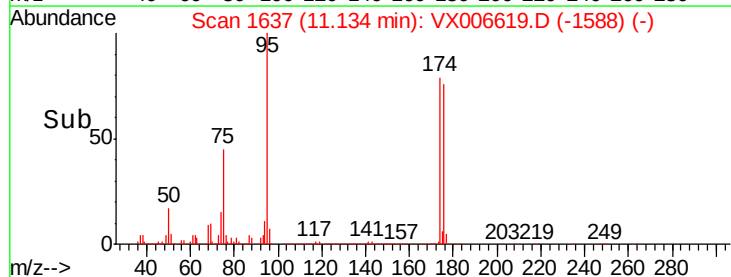
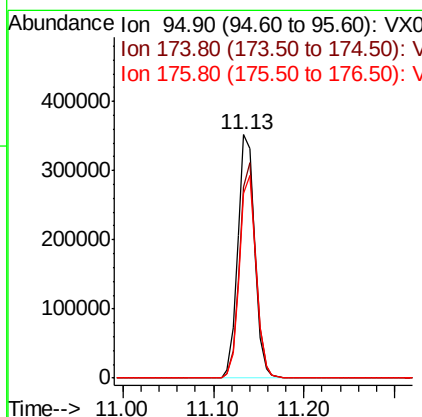
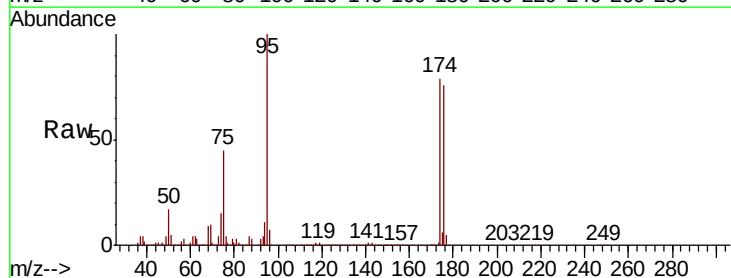
Instrument :
MSVOA_X
ClientSampleId :
SA.1571-20181208

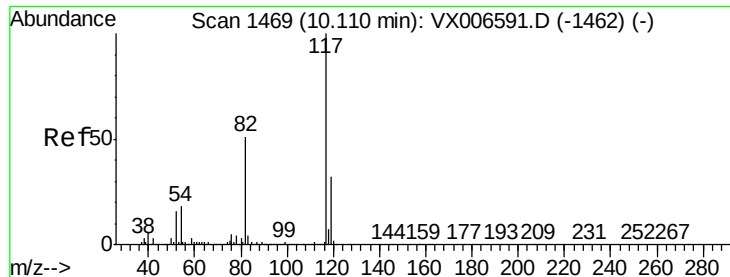
Tot Ion: 98 Resp: 1261600
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.135 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006619.D
Acq: 19 Dec 2018 01:38

Tgt Ion: 95 Resp: 454071
Ion Ratio Lower Upper
95 100
174 85.9 0.0 187.0
176 81.9 0.0 181.8

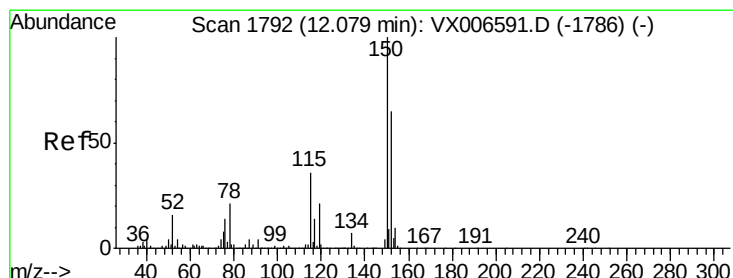
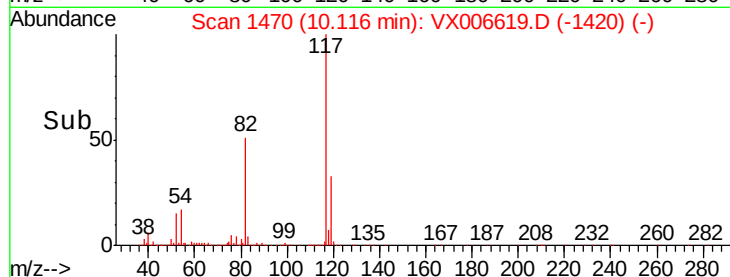
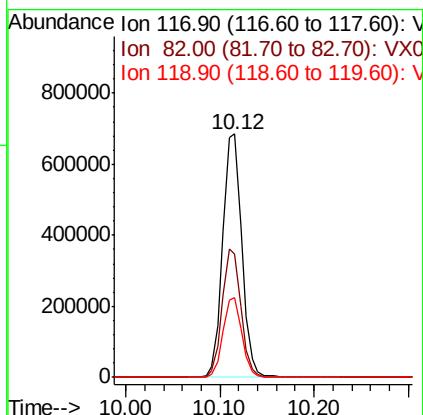
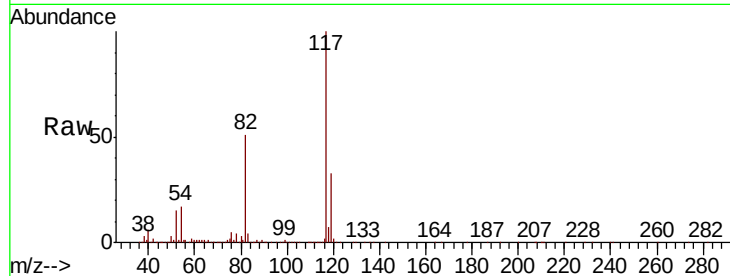




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006619.D
Acq: 19 Dec 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
SA.1571-20181208

Tot Ion:117 Resp: 965899
Ion Ratio Lower Upper
117 100
82 50.5 39.6 59.4
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006619.D
Acq: 19 Dec 2018 01:38

Tgt Ion:152 Resp: 460223
Ion Ratio Lower Upper
152 100
115 56.6 39.0 116.9
150 154.6 0.0 345.8

