

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003813.D
 Acq On : 01 Aug 2018 23:27
 Operator : JC/SP
 Sample : J4164-02
 Misc : 6.03G/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)

Quant Time: Aug 02 08:17:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

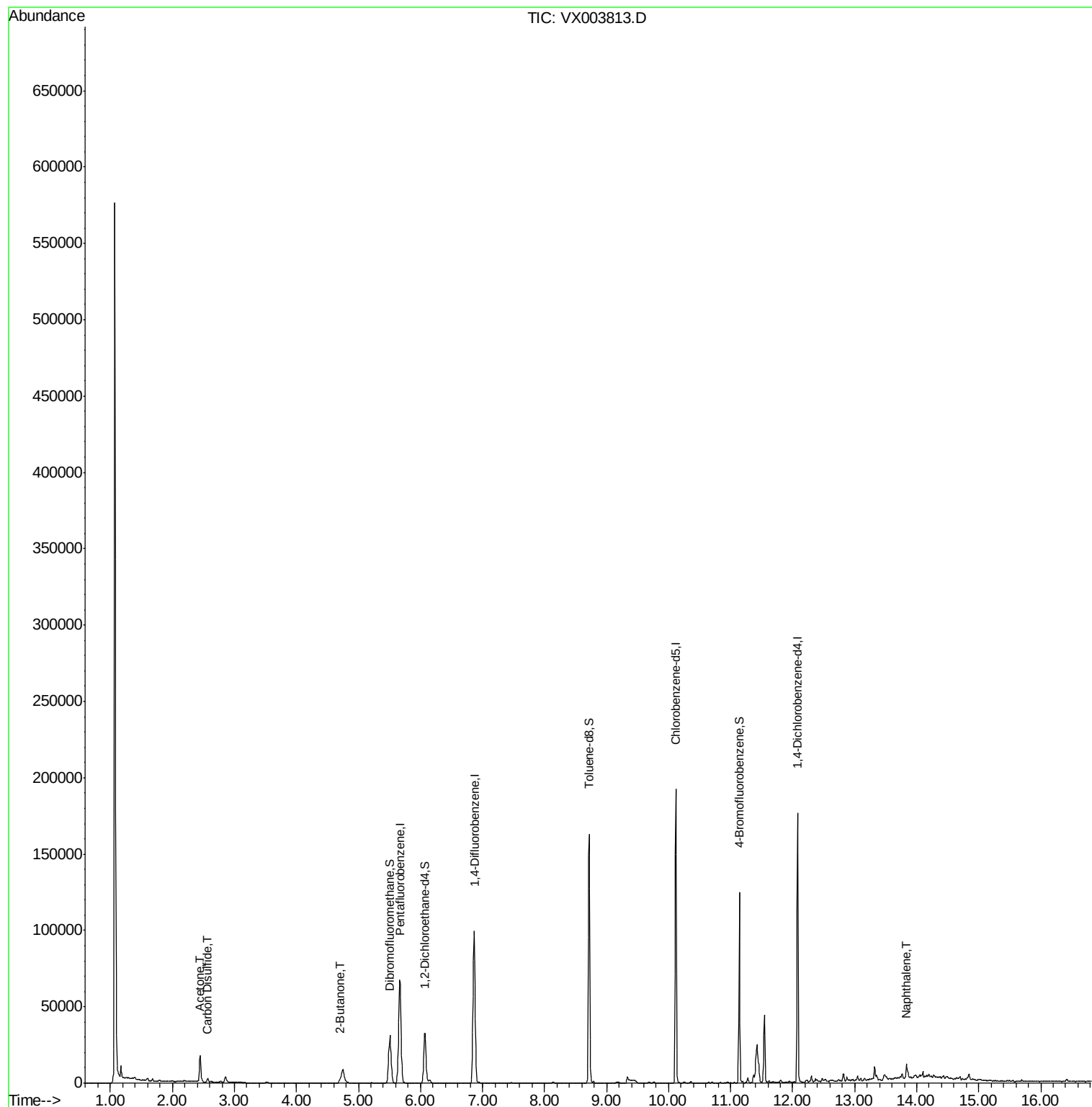
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	69567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	101172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	87295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	36871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	31317	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
35) Dibromofluoromethane	5.51	113	26394	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.62%	
50) Toluene-d8	8.72	98	100257	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
62) 4-Bromofluorobenzene	11.14	95	30797	33.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.26%	
Target Compounds						
16) Acetone	2.45	43	18066	67.223	ug/l	100
17) Carbon Disulfide	2.57	76	2704	1.337	ug/l	96
25) 2-Butanone	4.70	43	4488	11.456	ug/l	94
95) Naphthalene	13.83	128	6082	3.165	ug/l	98

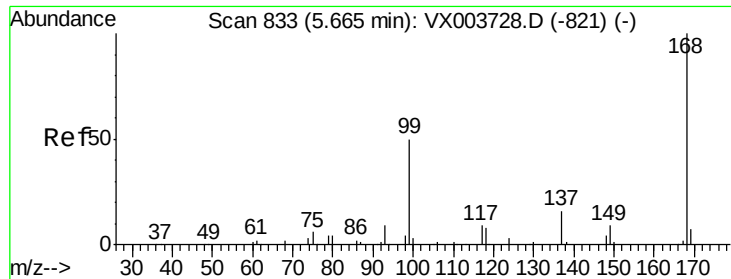
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003813.D

Acq: 01 Aug 2018 23:27

Instrument :

MSVOA_X

ClientSampleId :

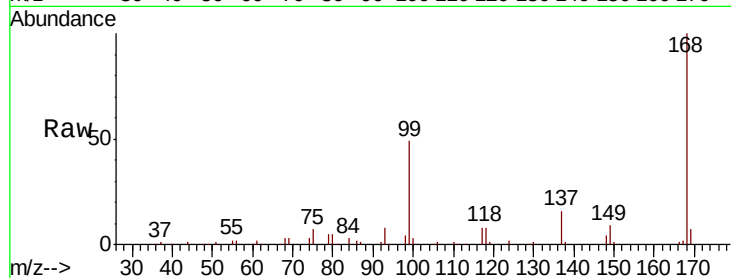
SB-6(7-9)

Tot Ion:168 Resp: 69567

Ion Ratio Lower Upper

168 100

99 48.8 40.2 60.2

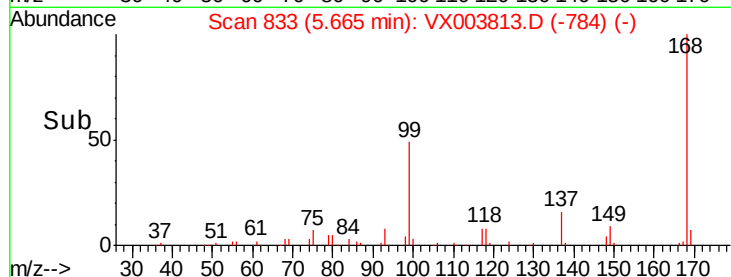


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



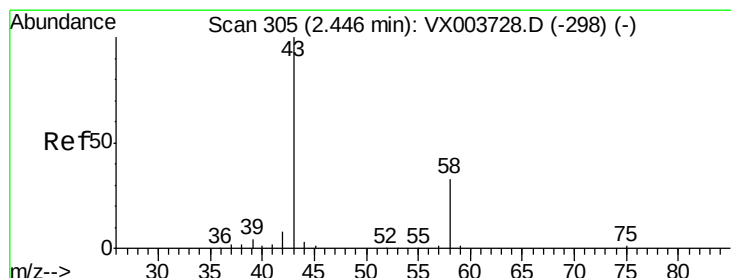
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#16

Acetone

Concen: 67.223 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003813.D

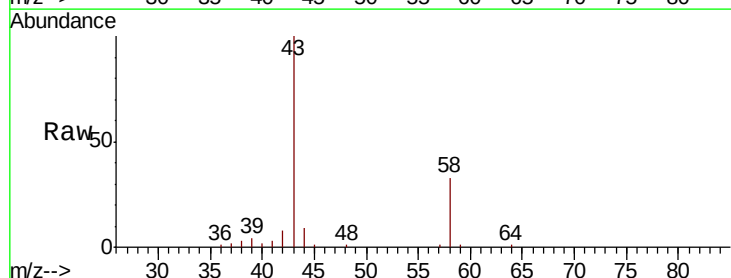
Acq: 01 Aug 2018 23:27

Tgt Ion: 43 Resp: 18066

Ion Ratio Lower Upper

43 100

58 33.2 26.7 40.1

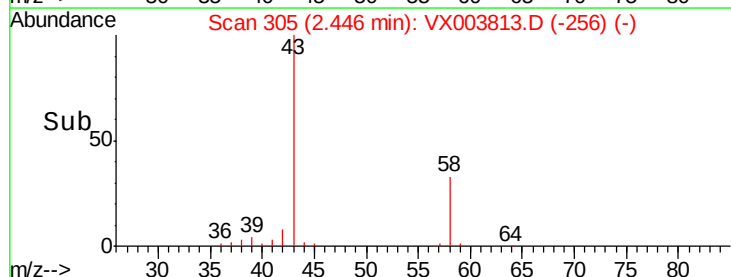


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

Time-->



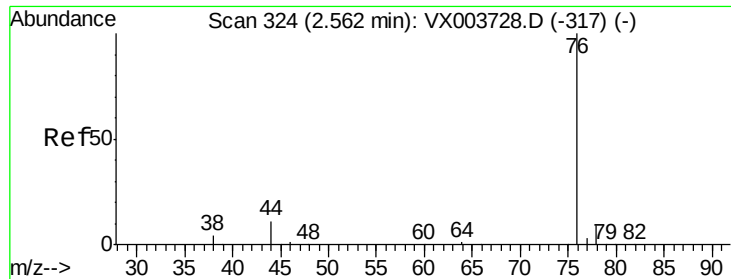
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

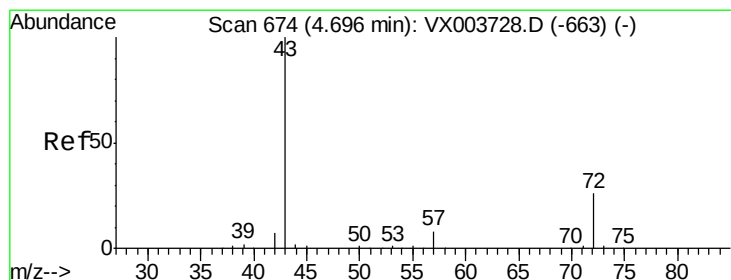
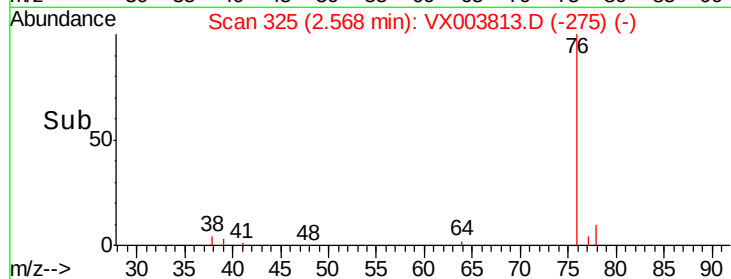
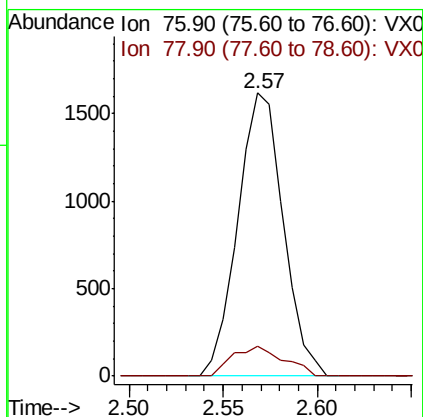
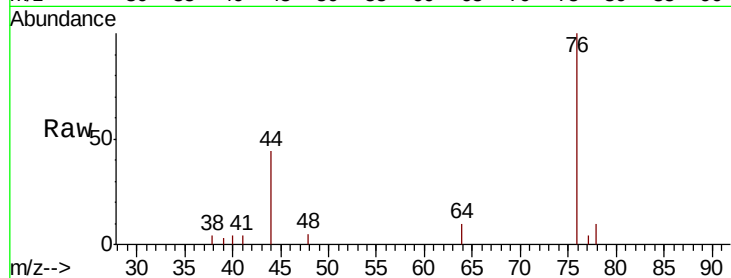
Time-->



#17
Carbon Disulfide
Concen: 1.337 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003813.D
Acq: 01 Aug 2018 23:27

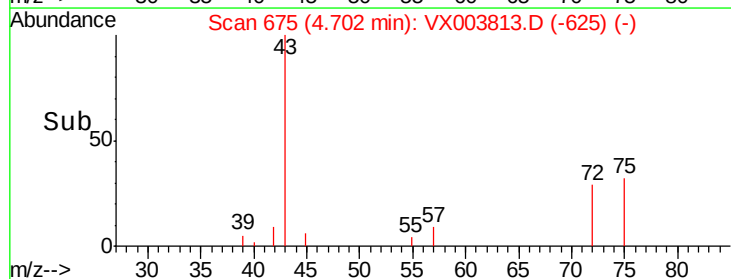
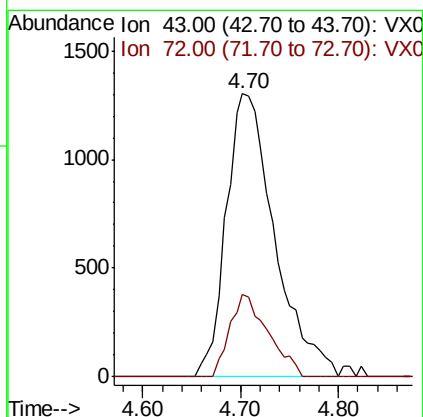
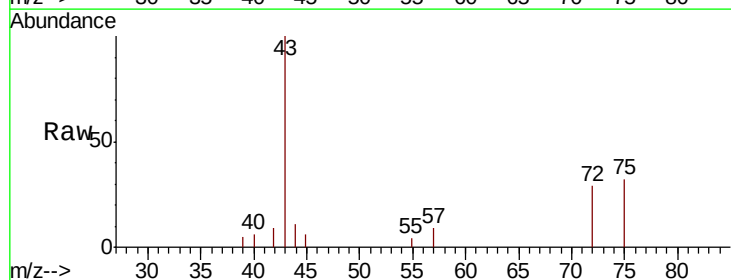
Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)

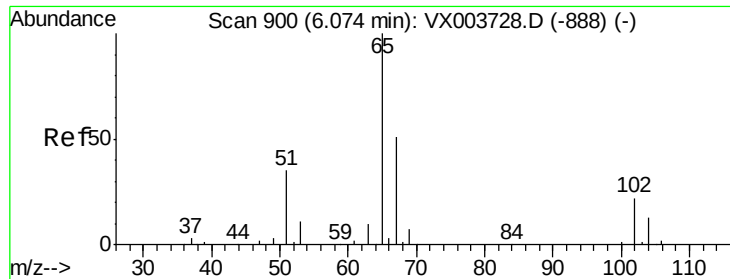
Tot Ion: 76 Resp: 2704
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#25
2-Butanone
Concen: 11.456 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX003813.D
Acq: 01 Aug 2018 23:27

Tgt Ion: 43 Resp: 4488
Ion Ratio Lower Upper
43 100
72 29.0 20.9 31.3

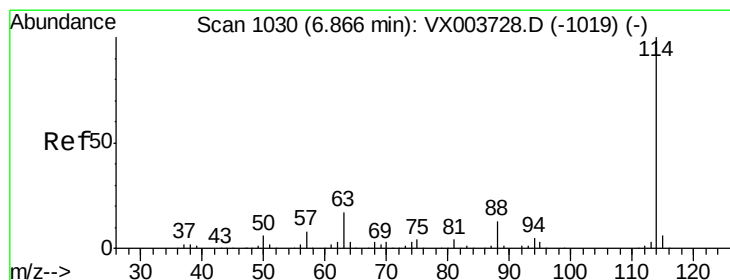
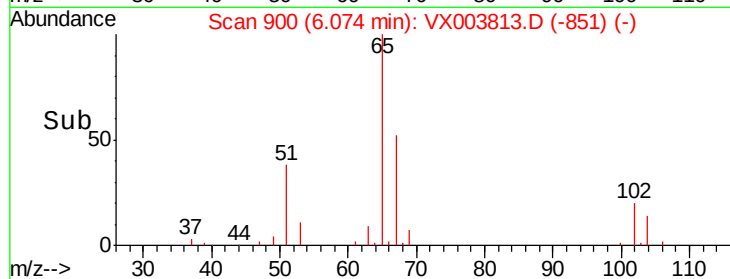
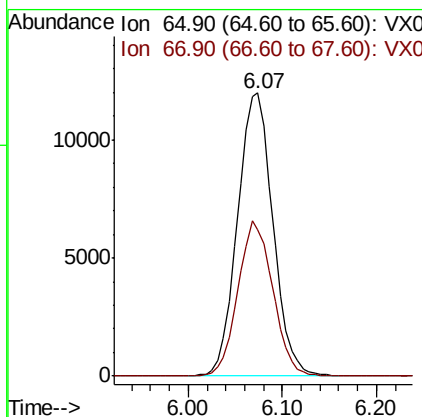
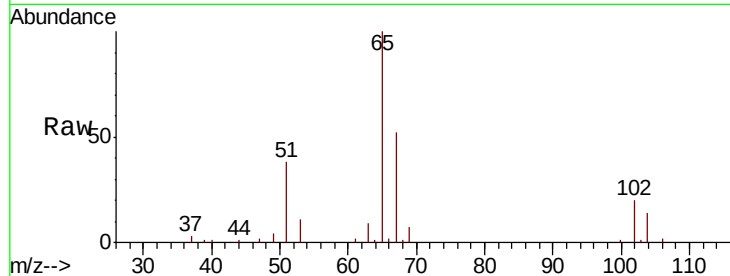




#33
 1,2-Dichloroethane-d4
 Concen: 44.511 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003813.D
 Acq: 01 Aug 2018 23:27

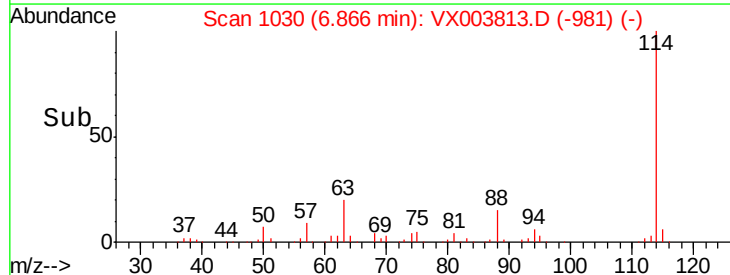
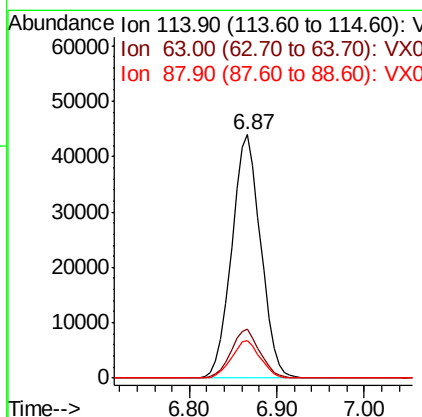
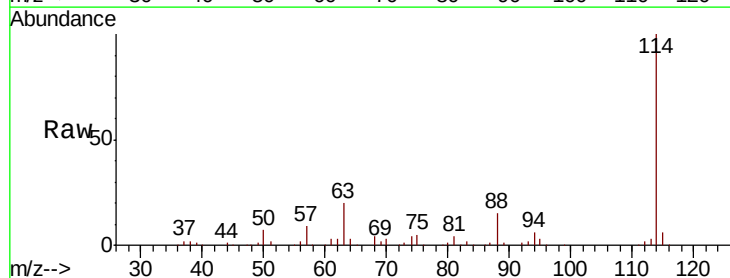
Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)

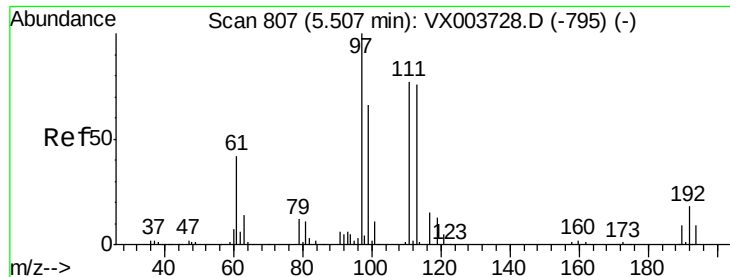
Tot Ion: 65 Resp: 31317
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003813.D
 Acq: 01 Aug 2018 23:27

Tgt Ion: 114 Resp: 101172
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 34.0
 88 15.4 0.0 26.4

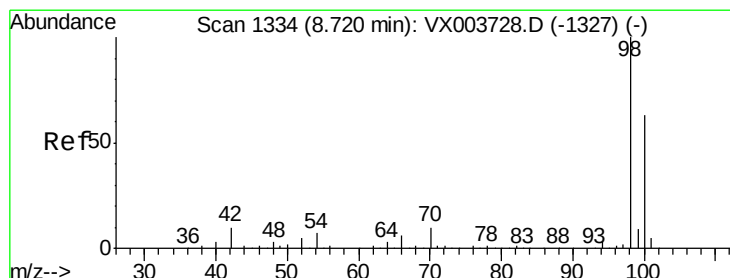
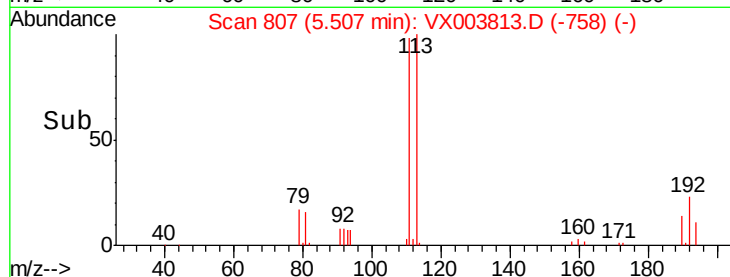
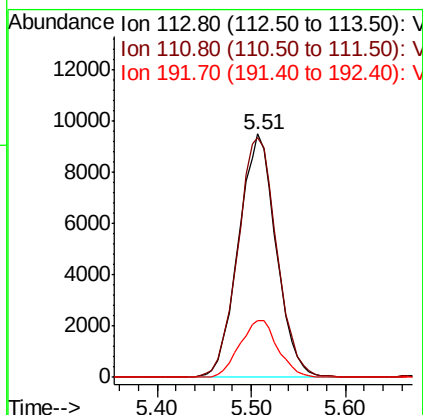
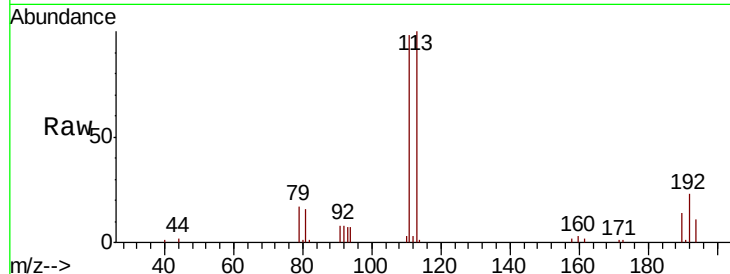




#35
 Dibromofluoromethane
 Concen: 44.306 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003813.D
 Acq: 01 Aug 2018 23:27

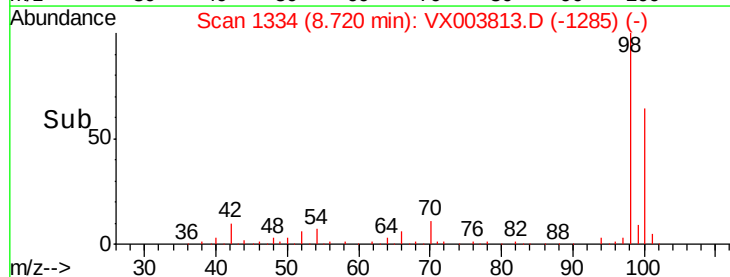
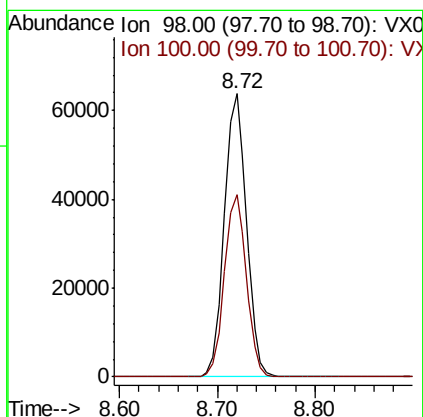
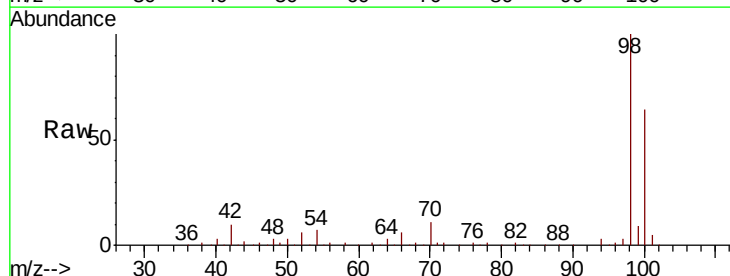
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)

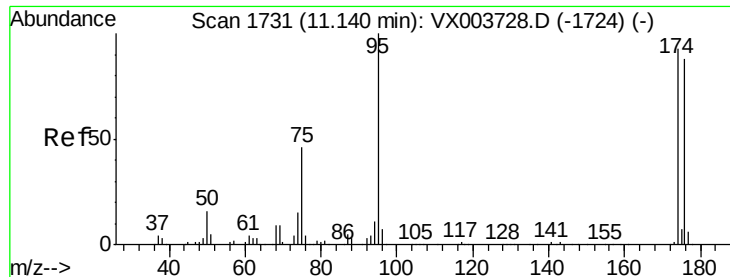
Tot Ion:113 Resp: 26394
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.6
 192 23.6 18.8 28.2



#50
 Toluene-d8
 Concen: 40.364 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX003813.D
 Acq: 01 Aug 2018 23:27

Tgt Ion: 98 Resp: 100257
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.4 77.0

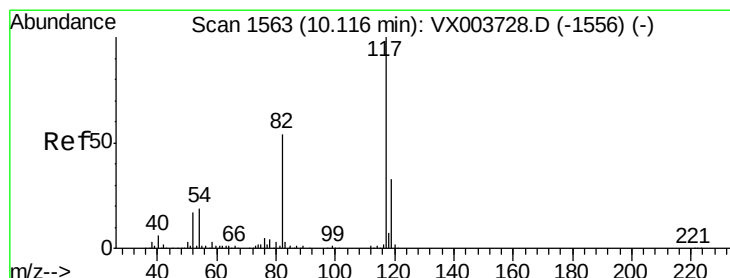
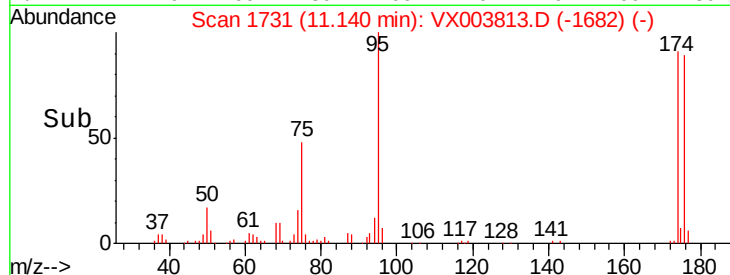
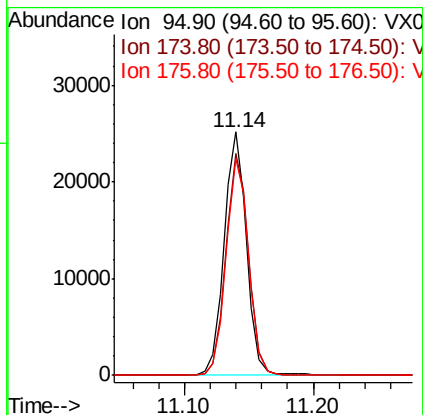
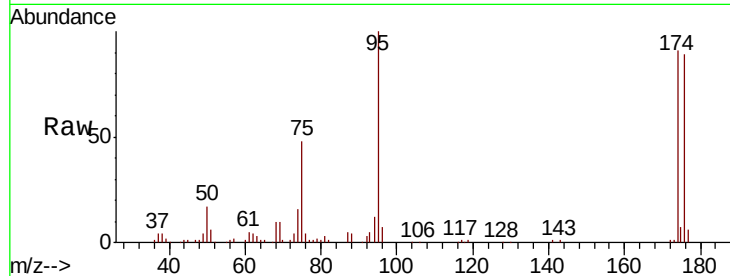




#62
4-Bromofluorobenzene
Concen: 33.629 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003813.D
Acq: 01 Aug 2018 23:27

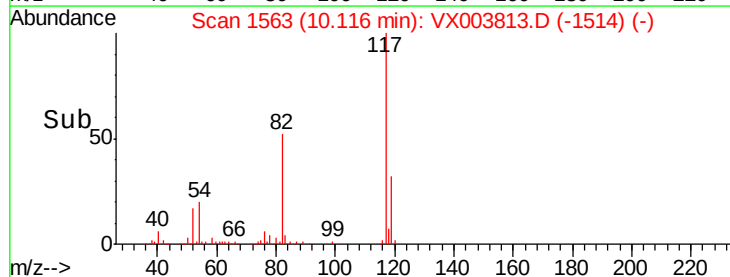
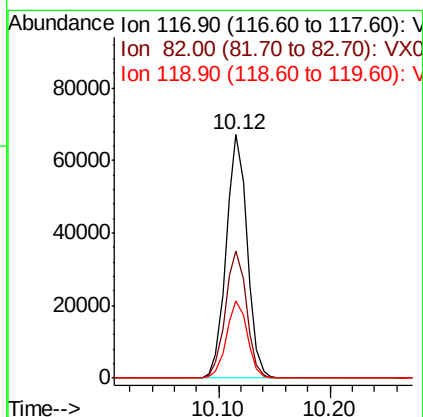
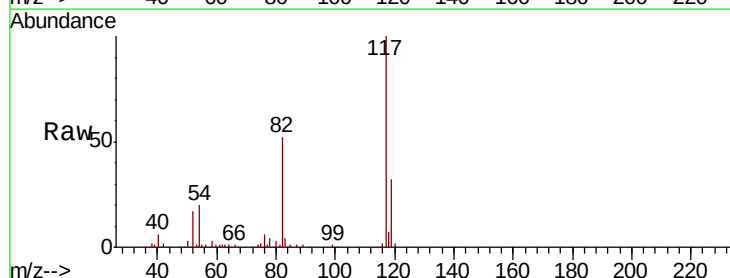
Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)

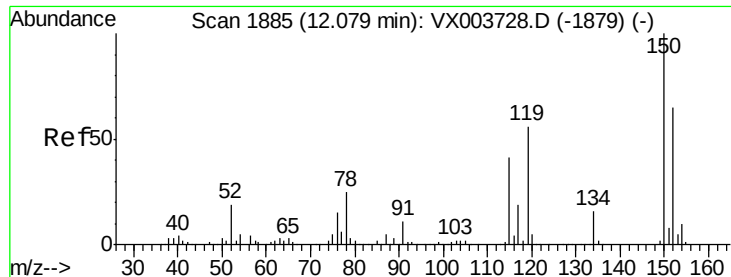
Tot Ion: 95 Resp: 30797
Ion Ratio Lower Upper
95 100
174 92.2 0.0 186.2
176 89.7 0.0 179.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003813.D
Acq: 01 Aug 2018 23:27

Tgt Ion: 117 Resp: 87295
Ion Ratio Lower Upper
117 100
82 52.2 43.2 64.8
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003813.D

Acq: 01 Aug 2018 23:27

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)

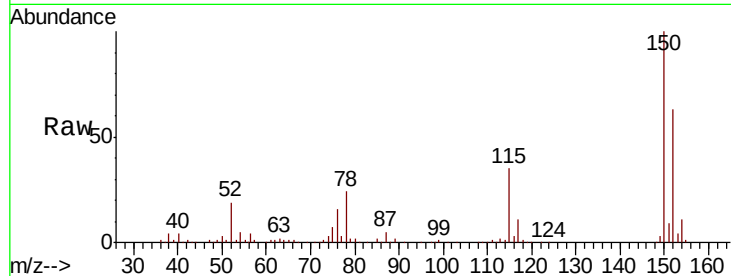
Tot Ion:152 Resp: 36871

Ion Ratio Lower Upper

152 100

115 54.2 38.5 115.3

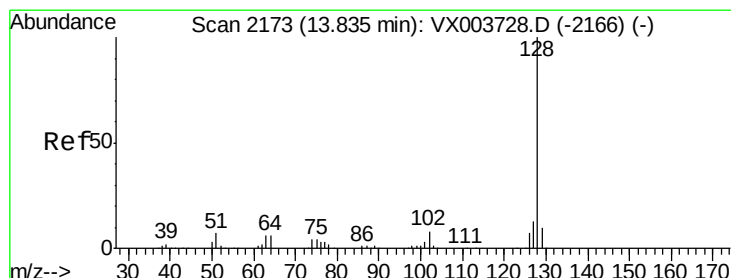
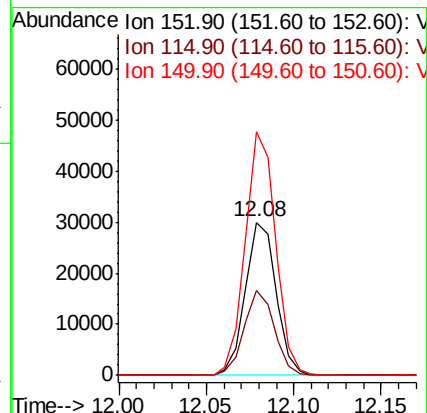
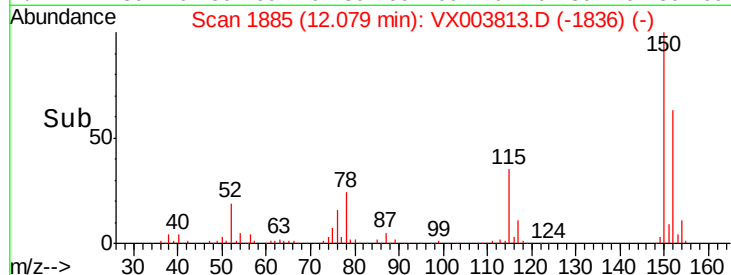
150 157.0 0.0 346.2



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



#95

Naphthalene

Concen: 3.165 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003813.D

Acq: 01 Aug 2018 23:27

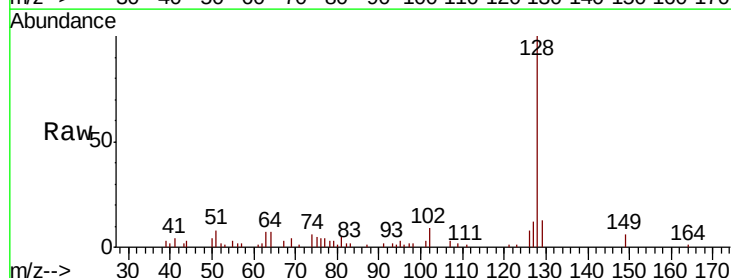
Tgt Ion:128 Resp: 6082

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

