

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003817.D
 Acq On : 02 Aug 2018 01:08
 Operator : JC/SP
 Sample : J4164-06
 Misc : 11.09G/5.0mL/MSVOA X/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5(8-10)

Quant Time: Aug 02 08:45:16 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

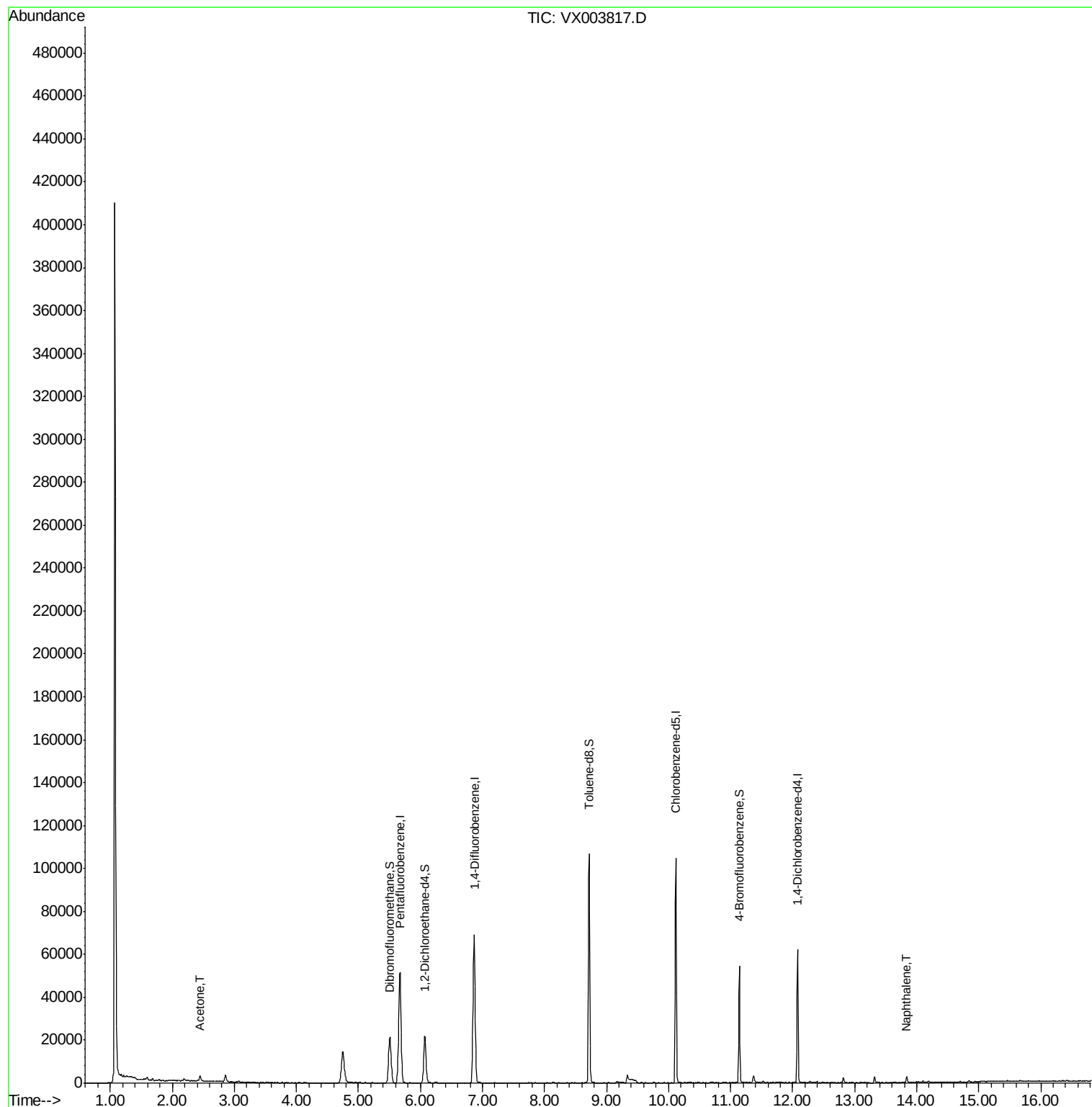
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	53481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	69847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	47976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	13526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	20825	38.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.00%	
35) Dibromofluoromethane	5.51	113	18685	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
50) Toluene-d8	8.72	98	63780	37.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.38%	
62) 4-Bromofluorobenzene	11.14	95	13612	21.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.06%	
Target Compounds						
16) Acetone	2.45	43	2438	11.800	ug/l	93
95) Naphthalene	13.83	128	2178	3.089	ug/l	98

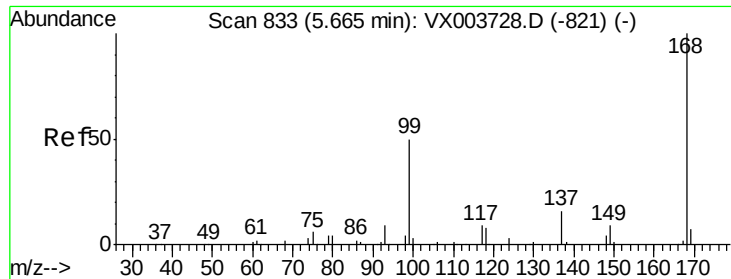
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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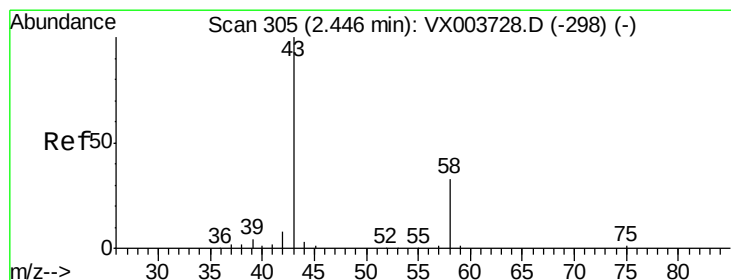
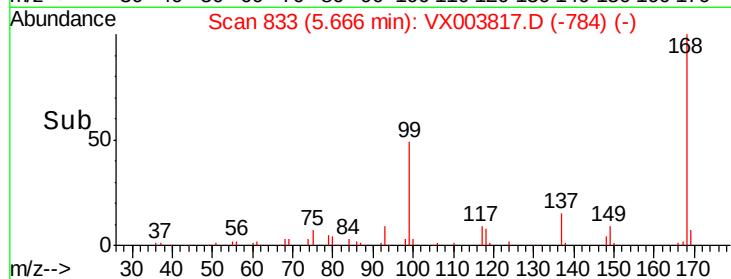
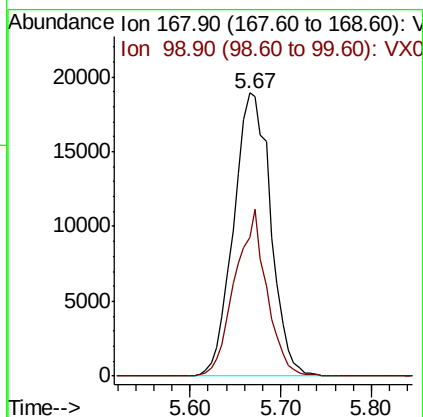
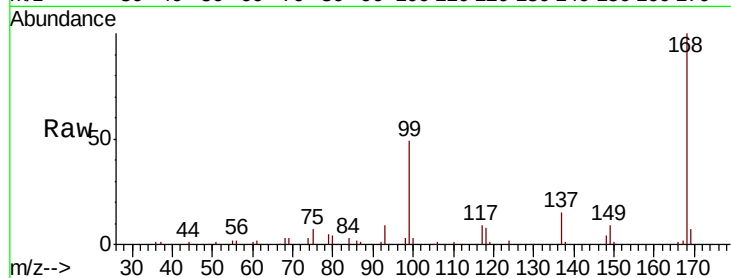




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003817.D
Acq: 02 Aug 2018 01:08

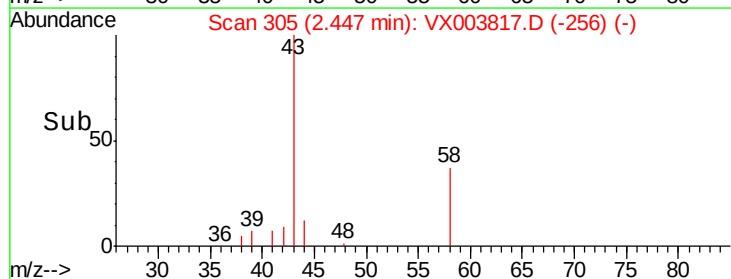
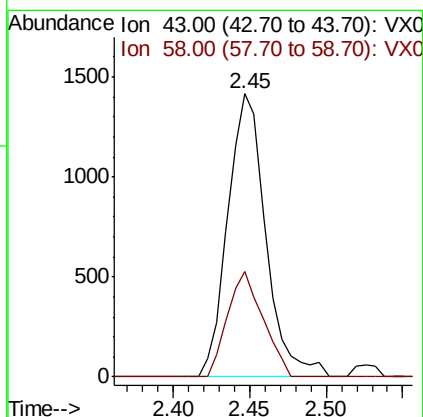
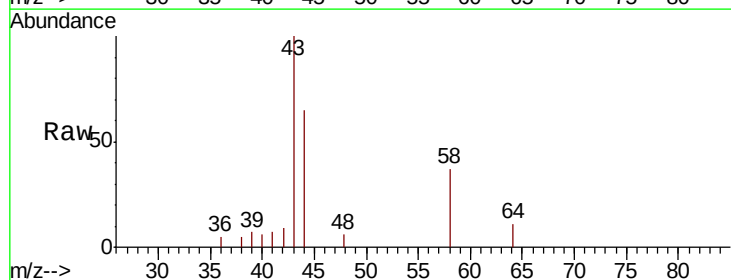
Instrument :
MSVOA_X
ClientSampleId :
SB-5(8-10)

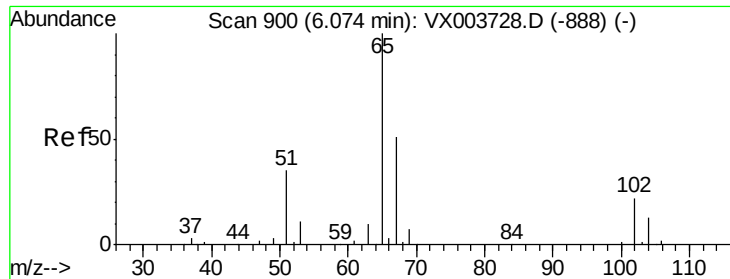
Tot Ion:168 Resp: 53481
Ion Ratio Lower Upper
168 100
99 48.9 40.2 60.2



#16
Acetone
Concen: 11.800 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003817.D
Acq: 02 Aug 2018 01:08

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
58 37.2 26.7 40.1

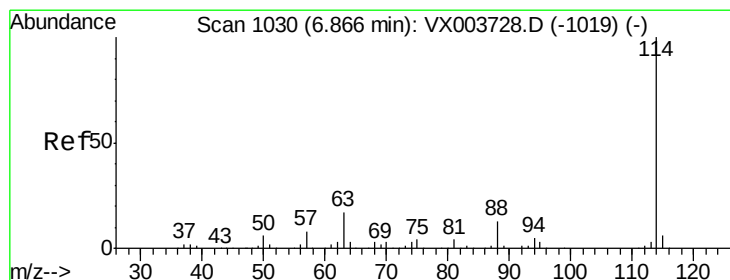
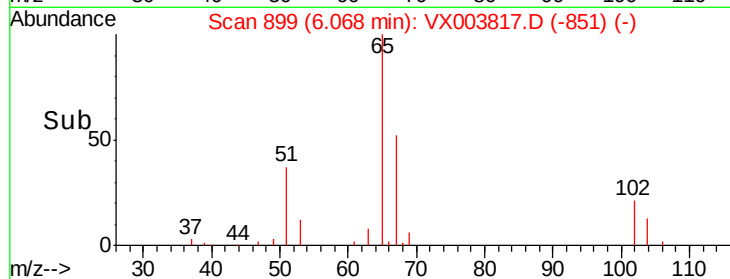
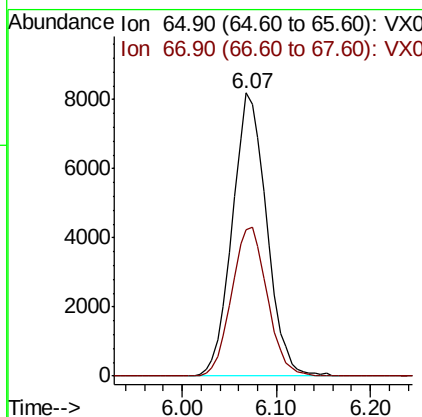
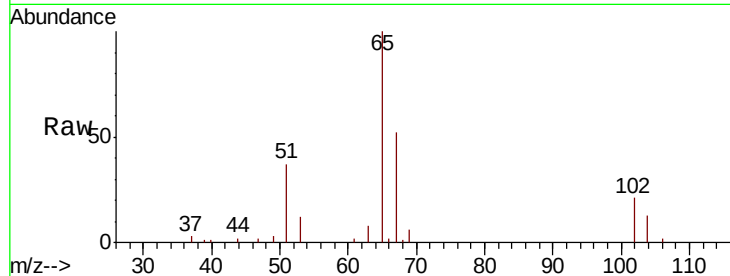




#33
 1,2-Dichloroethane-d4
 Concen: 38.501 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

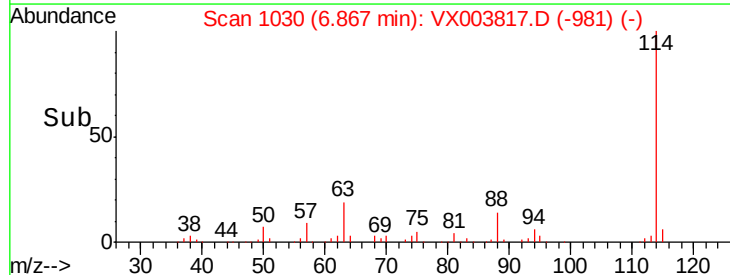
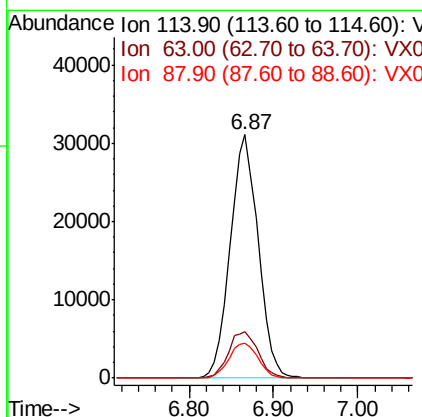
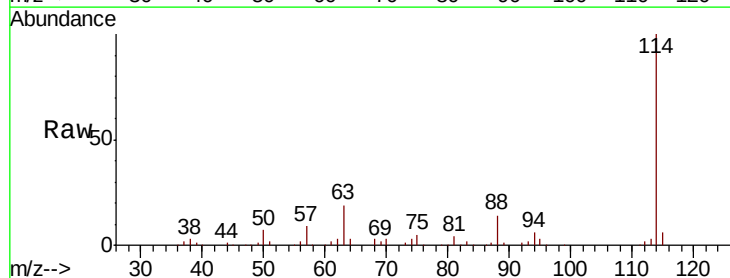
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5(8-10)

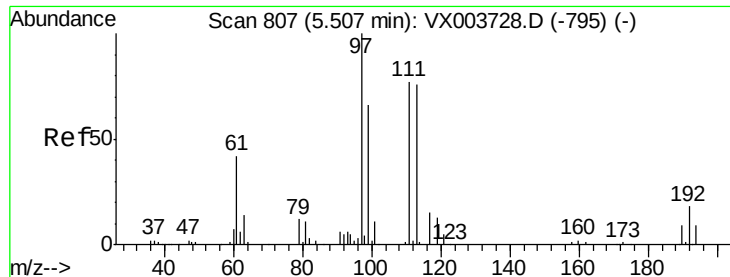
Tot Ion: 65 Resp: 20825
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Tgt Ion: 114 Resp: 69847
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.0
 88 14.3 0.0 26.4

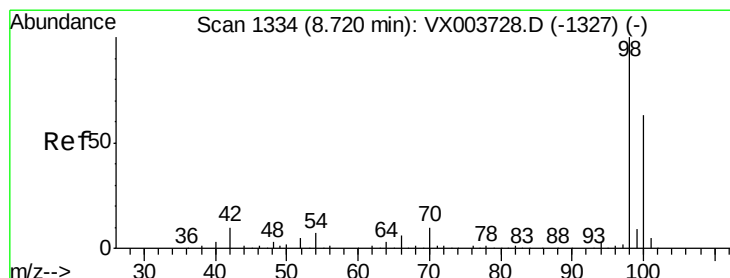
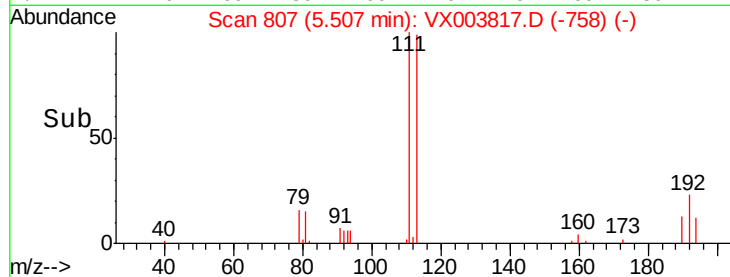
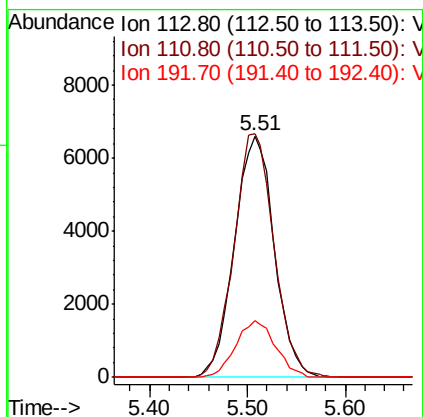
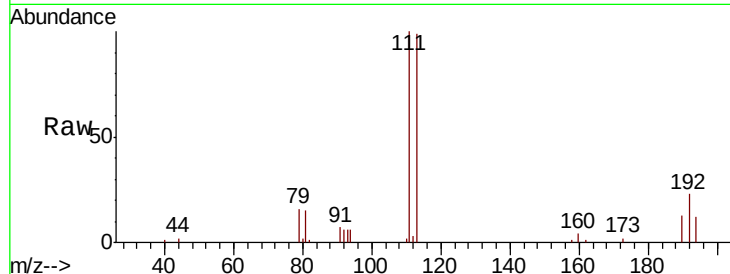




#35
 Dibromofluoromethane
 Concen: 45.432 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

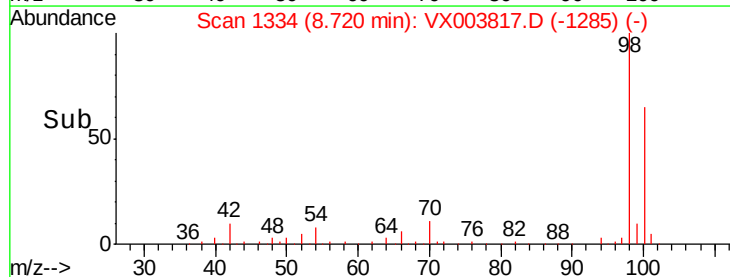
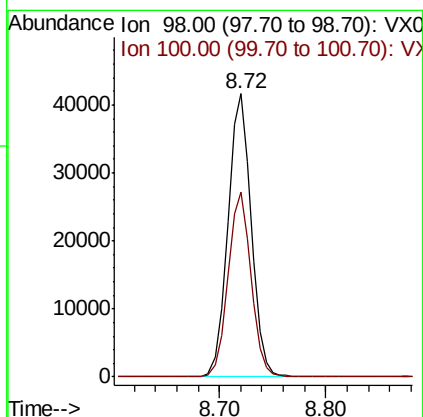
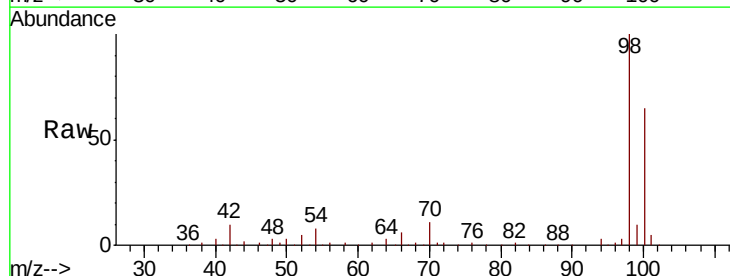
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5(8-10)

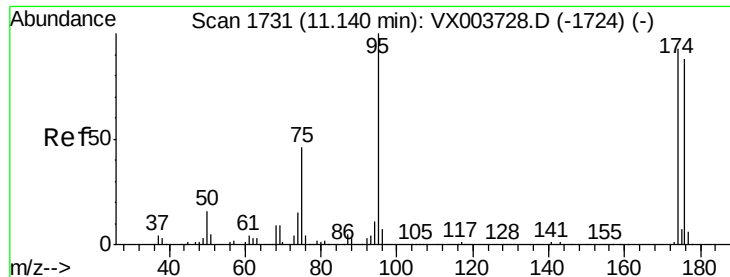
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	23.5	18.8	28.2



#50
 Toluene-d8
 Concen: 37.195 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 21.530 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003817.D

Acq: 02 Aug 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

SB-5(8-10)

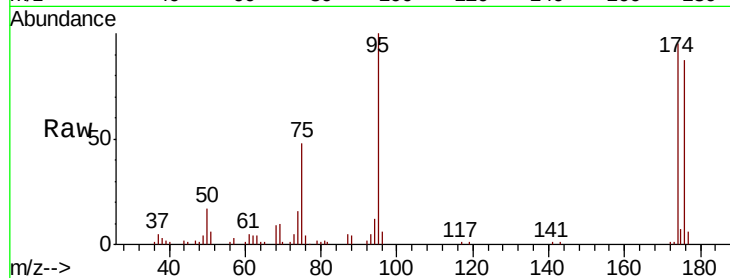
Tot Ion: 95 Resp: 13612

Ion Ratio Lower Upper

95 100

174 94.7 0.0 186.2

176 89.6 0.0 179.2

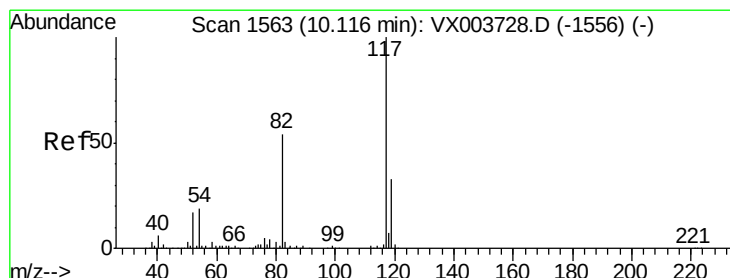
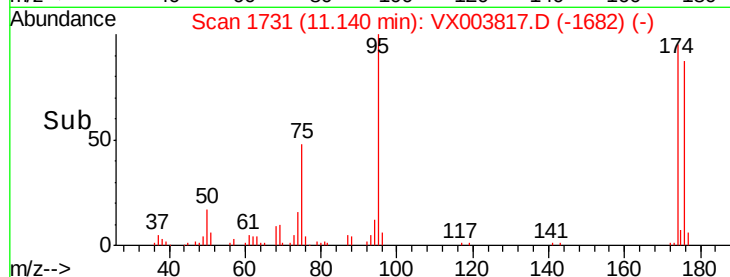


Abundance Ion 94.90 (94.60 to 95.60): VX003728.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003728.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003728.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003817.D

Acq: 02 Aug 2018 01:08

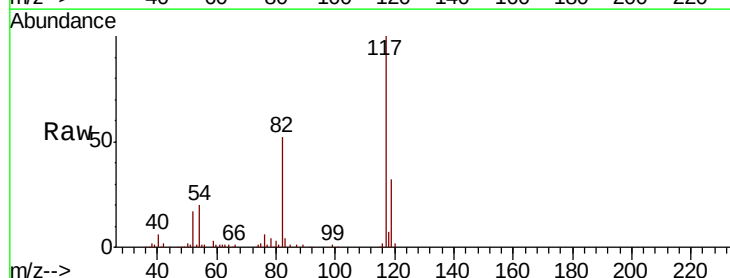
Tgt Ion: 117 Resp: 47976

Ion Ratio Lower Upper

117 100

82 52.5 43.2 64.8

119 31.8 26.3 39.5

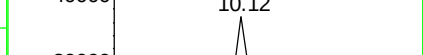
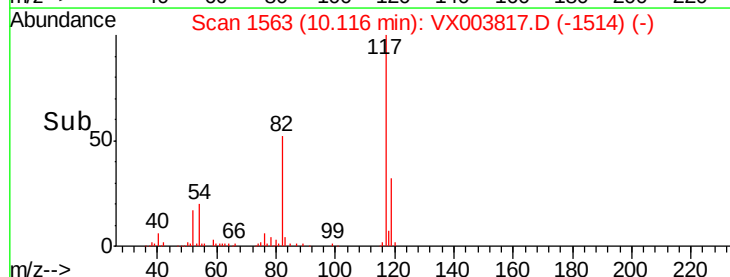


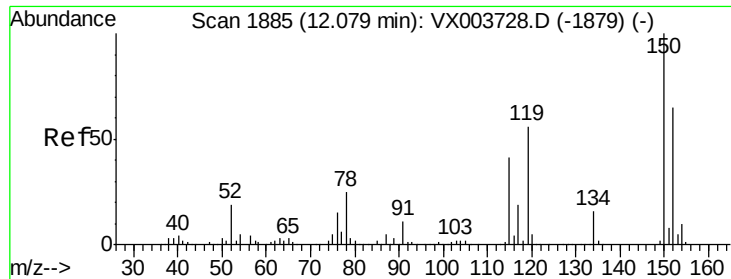
Abundance Ion 116.90 (116.60 to 117.60): VX003728.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003728.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003728.D (-1556) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003817.D

Acq: 02 Aug 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

SB-5(8-10)

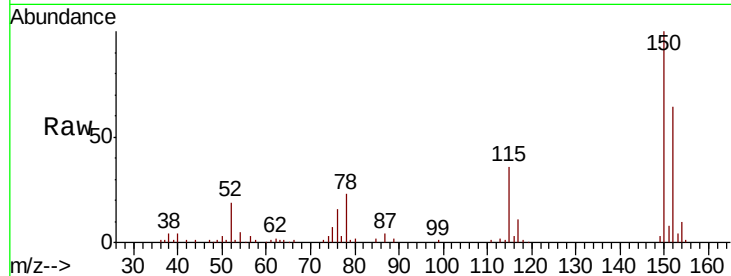
Tot Ion:152 Resp: 13526

Ion Ratio Lower Upper

152 100

115 54.7 38.5 115.3

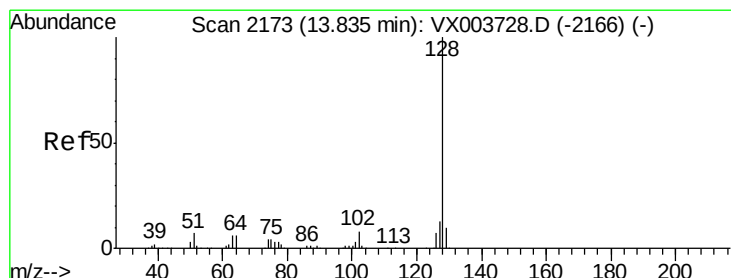
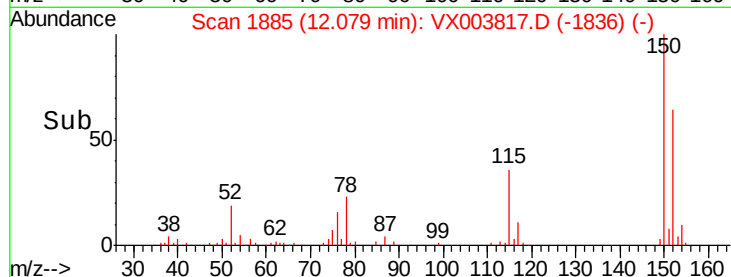
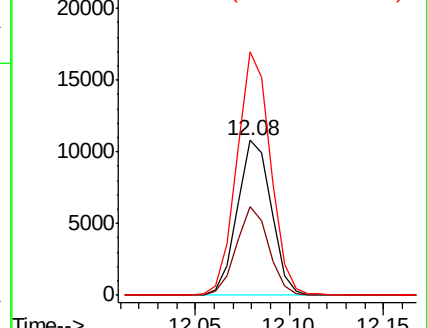
150 155.6 0.0 346.2



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: 3.089 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003817.D

Acq: 02 Aug 2018 01:08

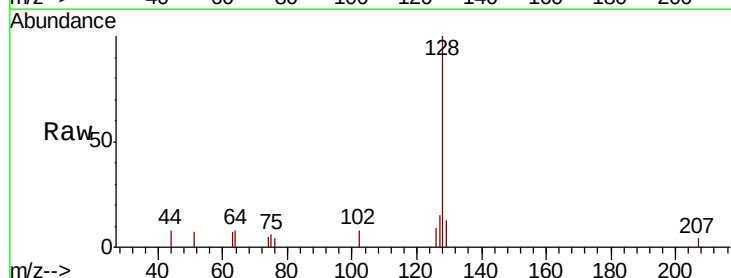
Tgt Ion:128 Resp: 2178

Ion Ratio Lower Upper

128 100

127 11.2 10.2 15.2

129 11.0 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

