

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000277.D
 Acq On : 12 Mar 2018 14:14
 Operator : JC/MD
 Sample : J1699-74RE
 Misc : 5.82g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B27-ARE

Quant Time: Mar 13 08:40:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	149028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	73605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	59413	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	5.52	113	44368	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	8.73	98	188535	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.15	95	64696	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	

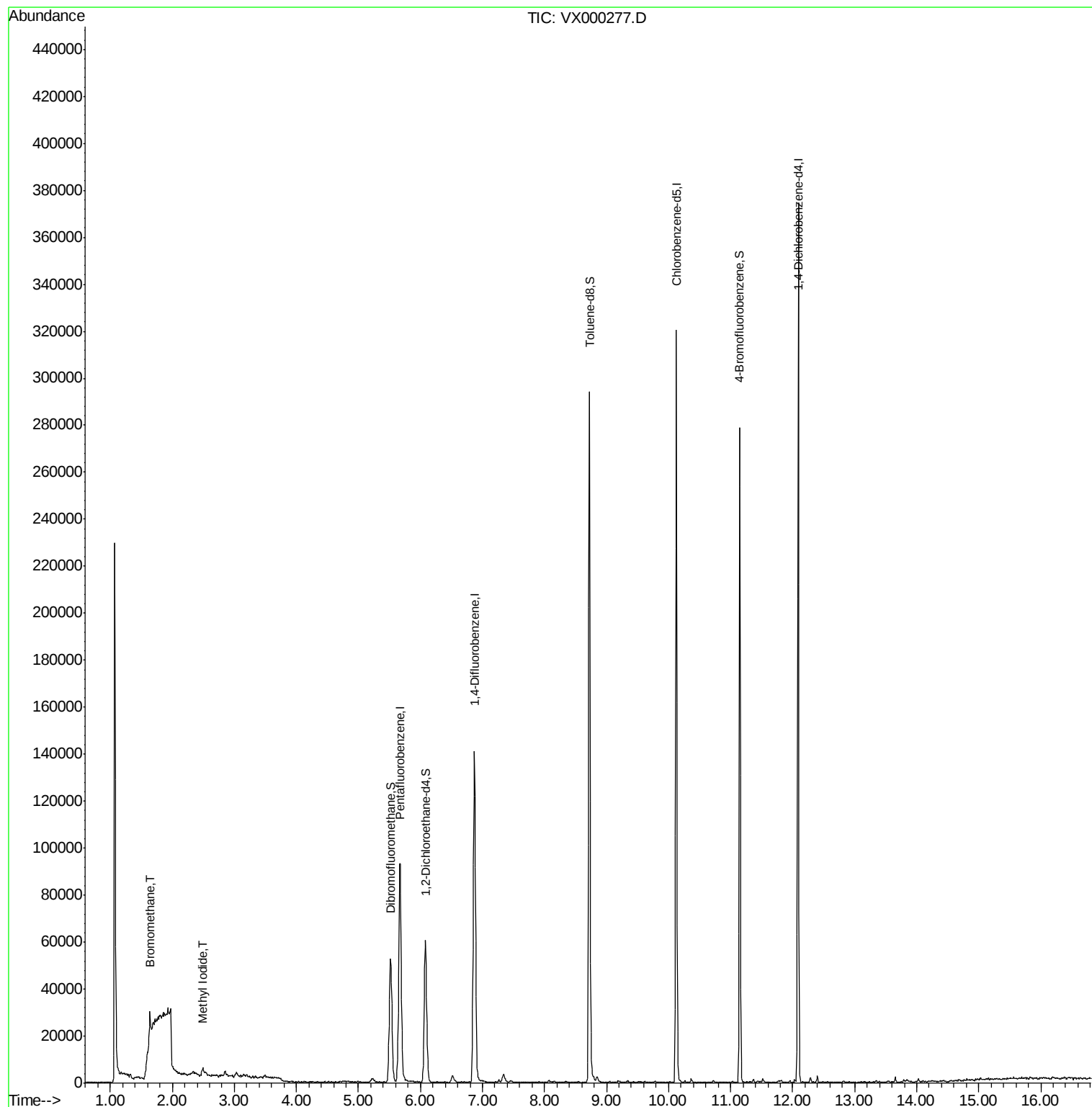
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	5199	3.57	ug/l	98
10) Methyl Iodide	2.50	142	4508	7.09	ug/l	94

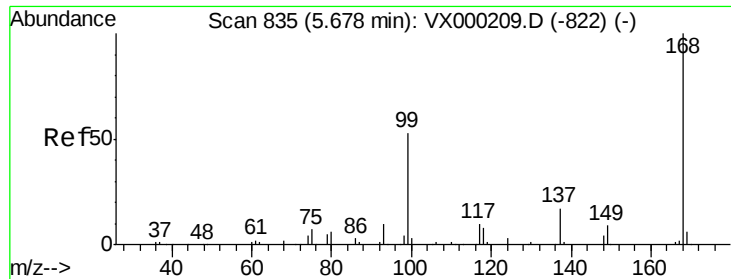
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000277.D

Acq: 12 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

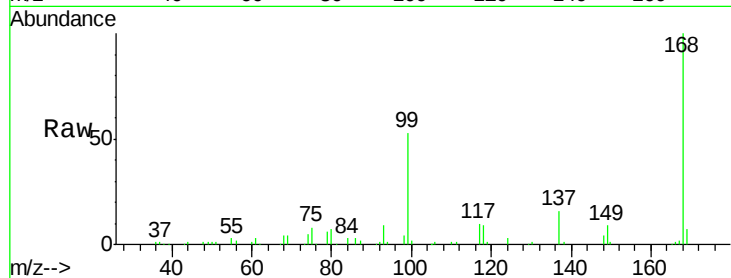
B27-ARE

Tot Ion:168 Resp: 88829

Ion Ratio Lower Upper

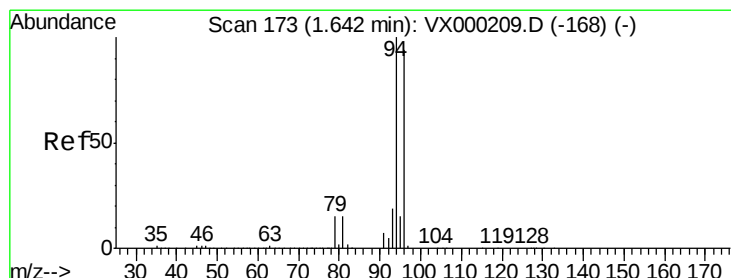
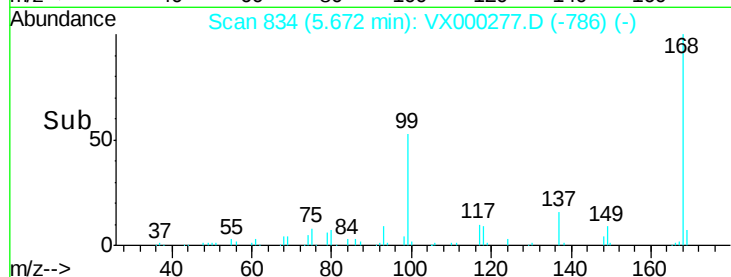
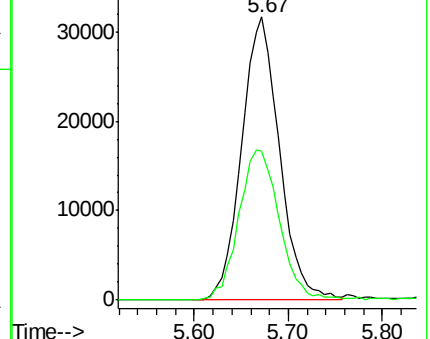
168 100

99 52.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 3.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000277.D

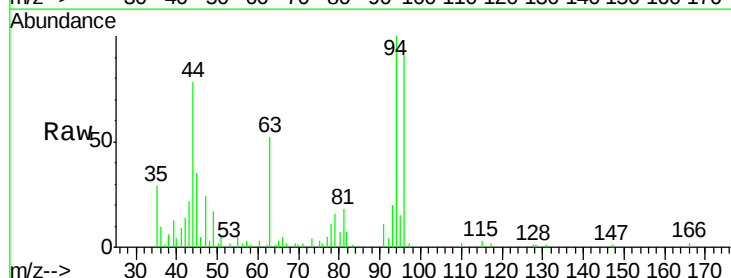
Acq: 12 Mar 2018 14:14

Tgt Ion: 94 Resp: 5199

Ion Ratio Lower Upper

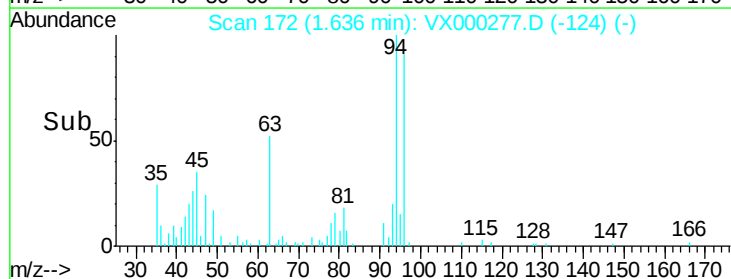
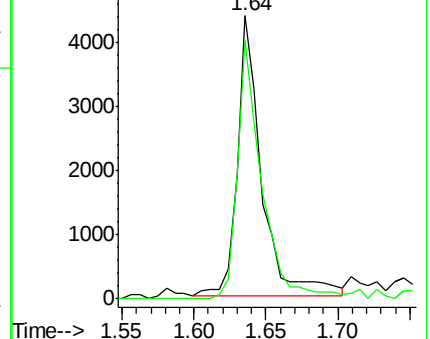
94 100

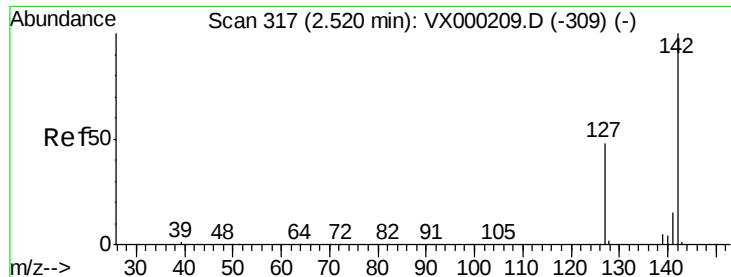
96 92.5 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

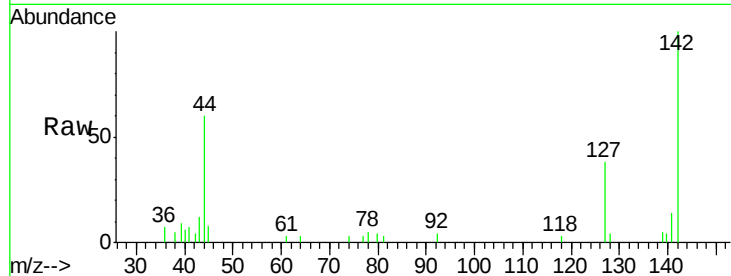




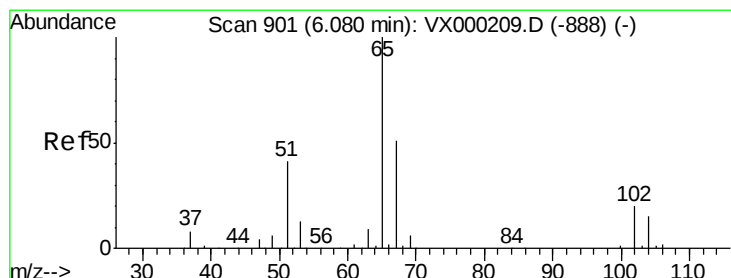
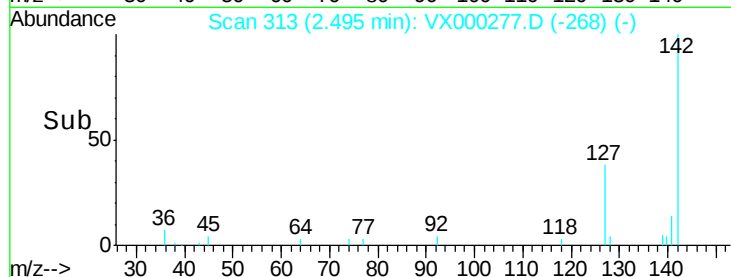
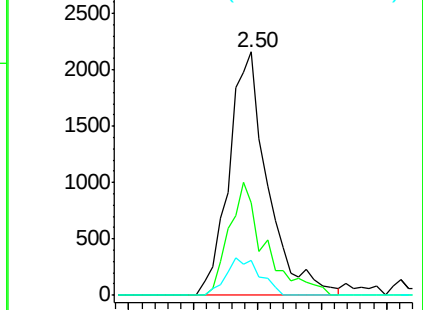
#10
Methvl Iodide
Concen: 7.09 ug/l
RT: 2.50 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX000277.D
Acq: 12 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
B27-ARE

Tot Ion:142 Resp: 4508
Ion Ratio Lower Upper
142 100
127 43.6 39.0 58.6
141 13.5 11.6 17.4

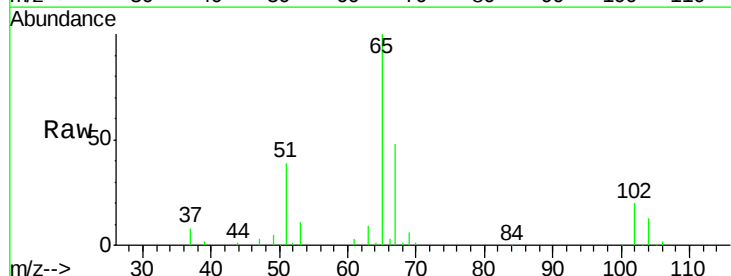


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

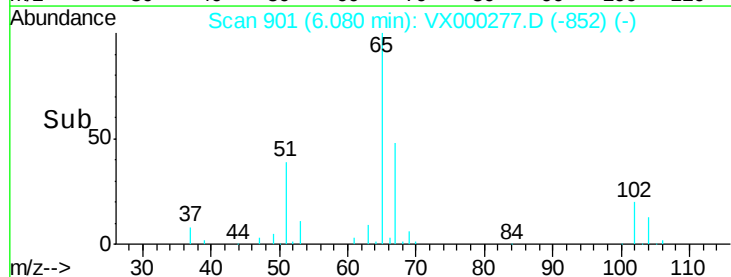
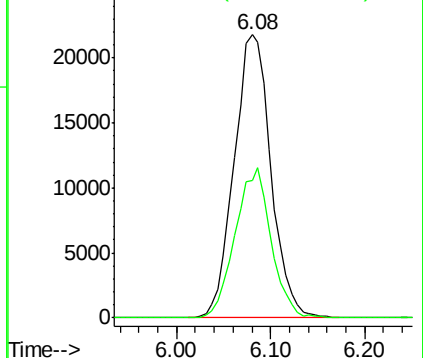


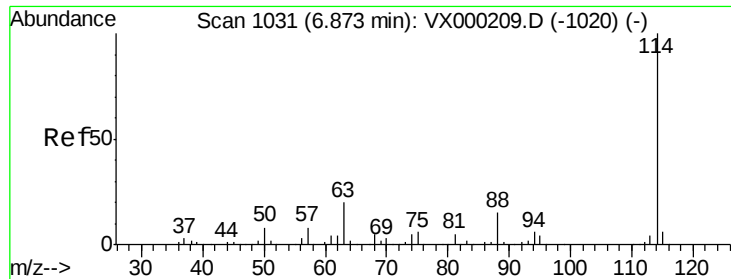
#33
1,2-Dichloroethane-d4
Concen: 48.25 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000277.D
Acq: 12 Mar 2018 14:14

Tgt Ion: 65 Resp: 59413
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

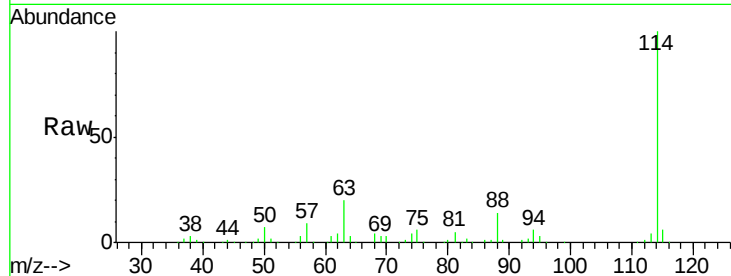




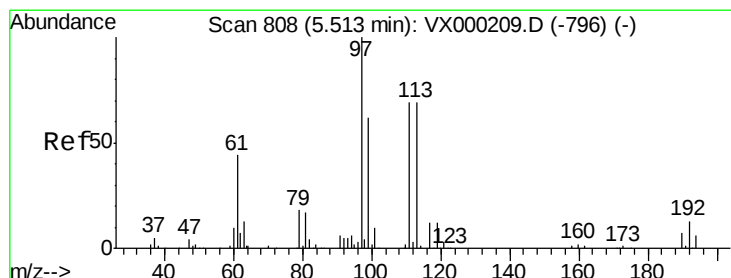
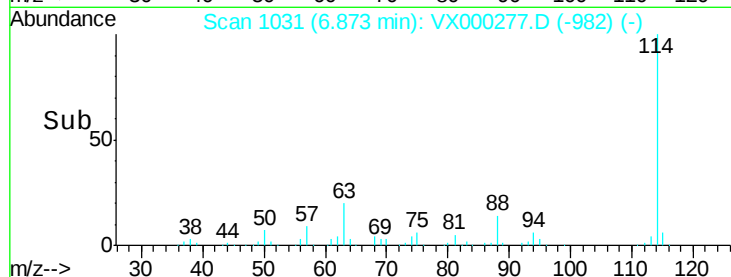
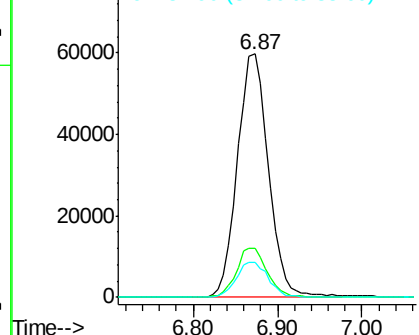
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000277.D
 Acq: 12 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 B27-ARE

Tot Ion:114 Resp: 149028
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 14.5 0.0 29.8

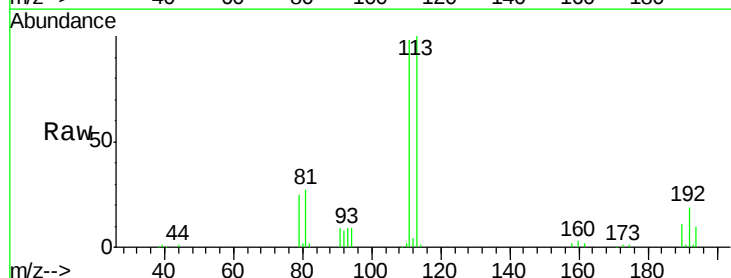


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

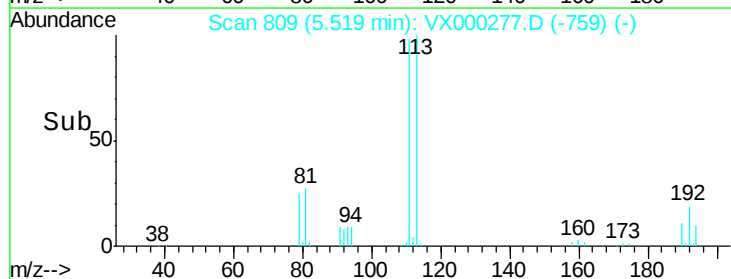
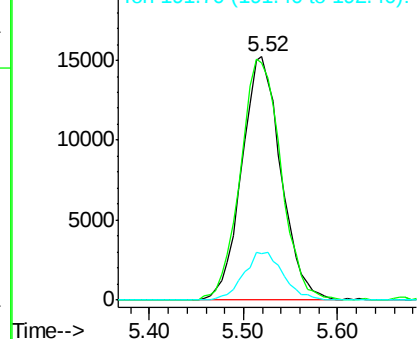


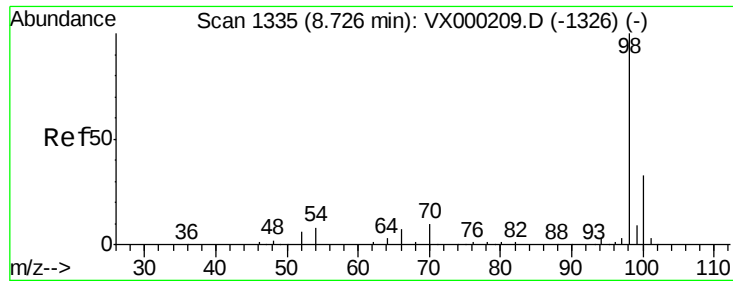
#35
 Dibromofluoromethane
 Concen: 47.39 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000277.D
 Acq: 12 Mar 2018 14:14

Tgt Ion:113 Resp: 44368
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.6
 192 19.9 15.5 23.3



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

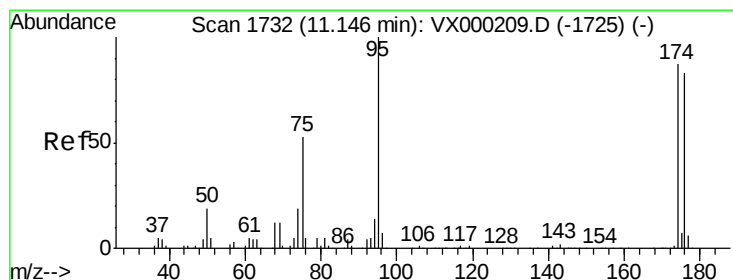
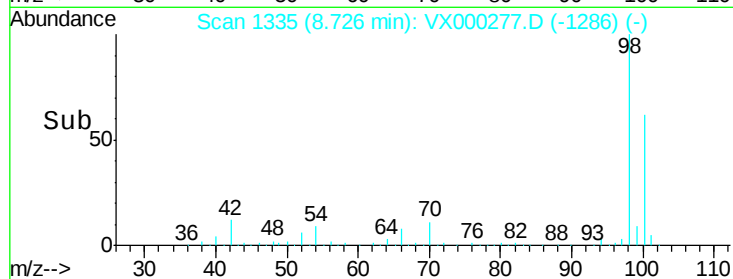
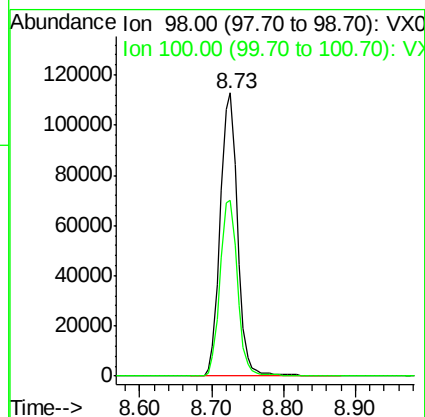
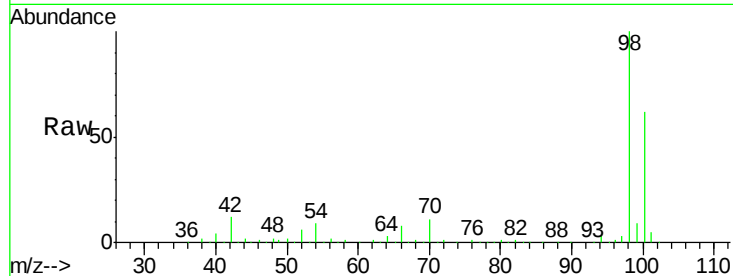




#50
Toluene-d8
Concen: 48.63 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000277.D
Acq: 12 Mar 2018 14:14

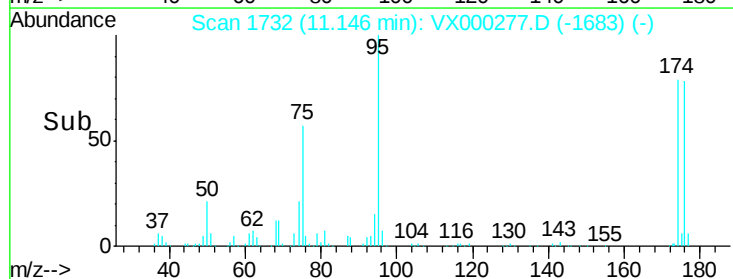
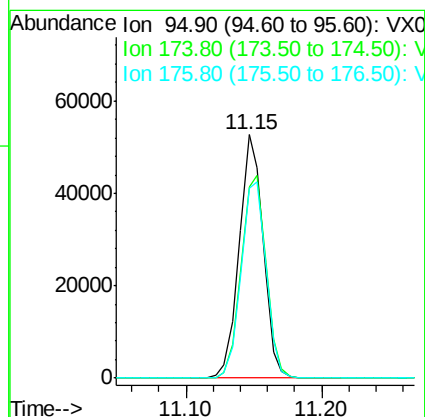
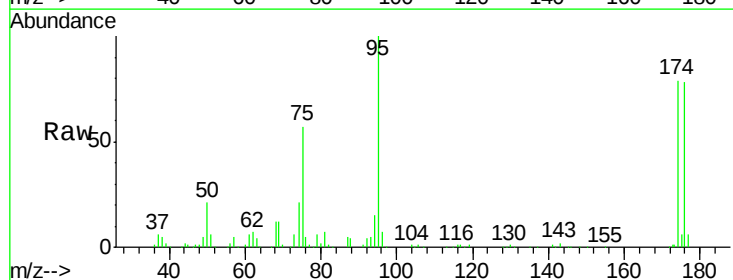
Instrument :
MSVOA_X
ClientSampleId :
B27-ARE

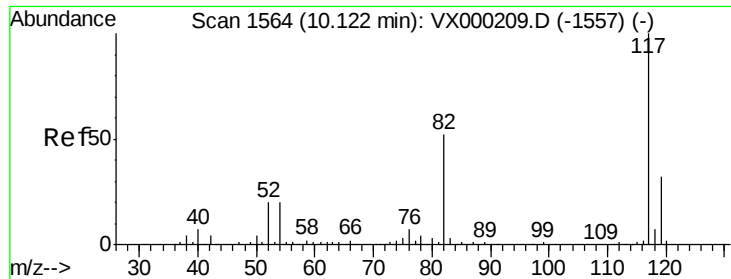
Tot Ion: 98 Resp: 188535
Ion Ratio Lower Upper
98 100
100 62.7 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.75 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000277.D
Acq: 12 Mar 2018 14:14

Tgt Ion: 95 Resp: 64696
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.6
176 83.8 0.0 171.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000277.D

Acq: 12 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

B27-ARE

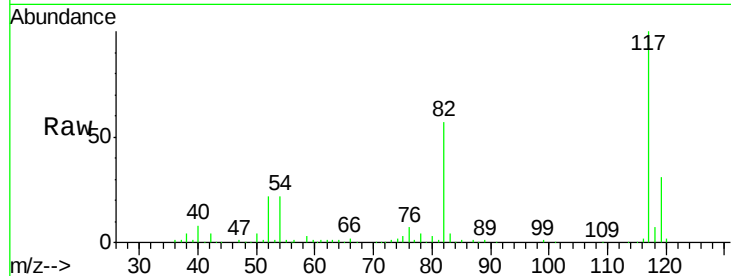
Tot Ion:117 Resp: 144190

Ion Ratio Lower Upper

117 100

82 56.7 42.0 63.0

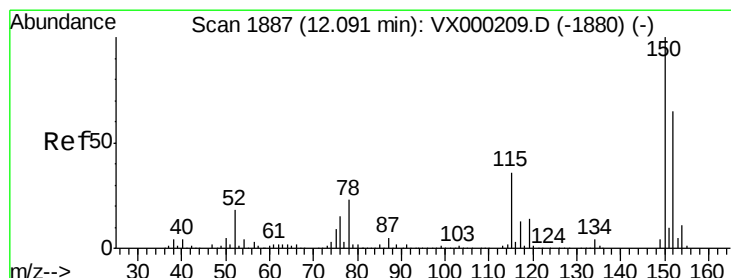
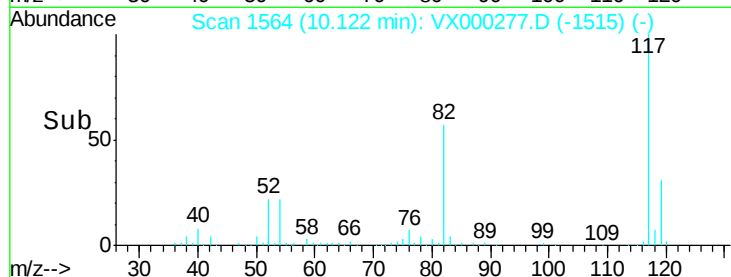
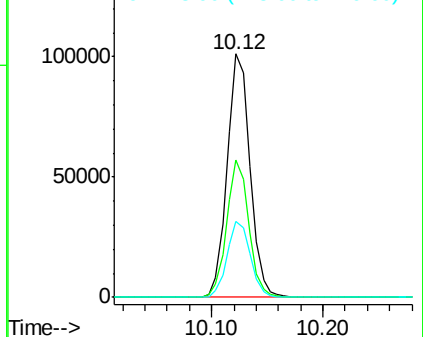
119 31.1 25.3 37.9



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: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000277.D

Acq: 12 Mar 2018 14:14

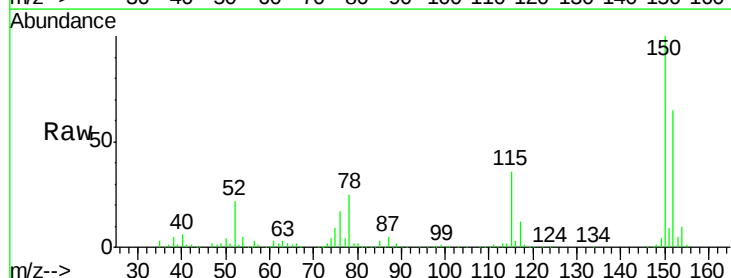
Tgt Ion:152 Resp: 73605

Ion Ratio Lower Upper

152 100

115 58.0 39.8 119.3

150 156.5 0.0 345.0



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

