

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001905.D
 Acq On : 22 May 2018 20:31
 Operator : JC/MD
 Sample : PB109525ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#12

Quant Time: May 23 02:22:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

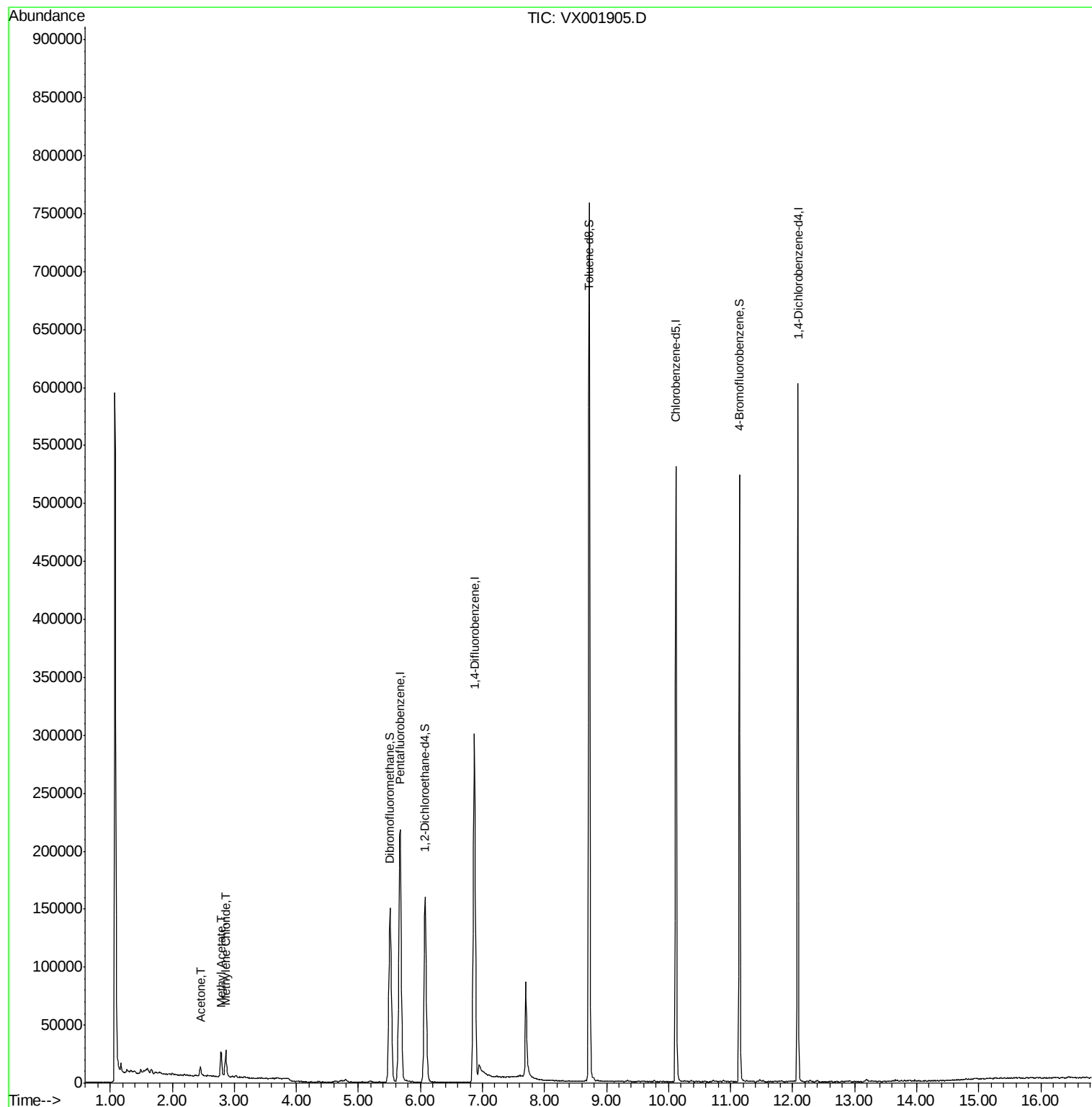
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151205	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.51	113	123701	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.72	98	439209	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
62) 4-Bromofluorobenzene	11.15	95	129902	38.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.68%	
Target Compounds						
16) Acetone	2.45	43	8677	7.17	ug/l	95
18) Methyl Acetate	2.78	43	26913	7.60	ug/l	99
20) Methylene Chloride	2.86	84	9766	3.77	ug/l	93

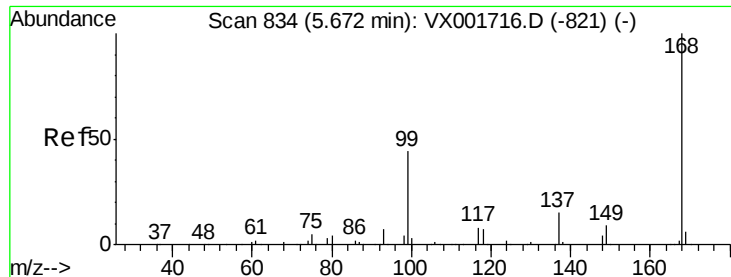
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001905.D

Acq: 22 May 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

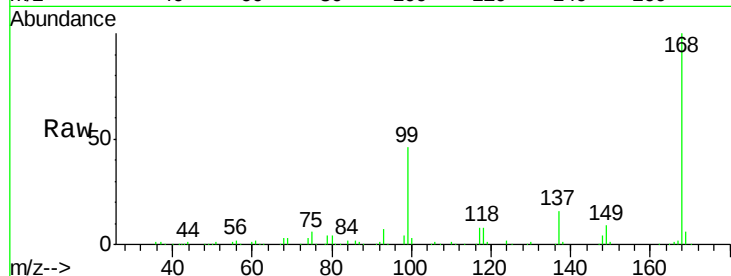
PB109525ZHE#12

Tot Ion:168 Resp: 229956

Ion Ratio Lower Upper

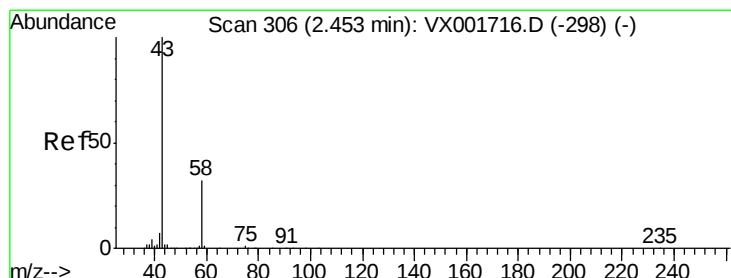
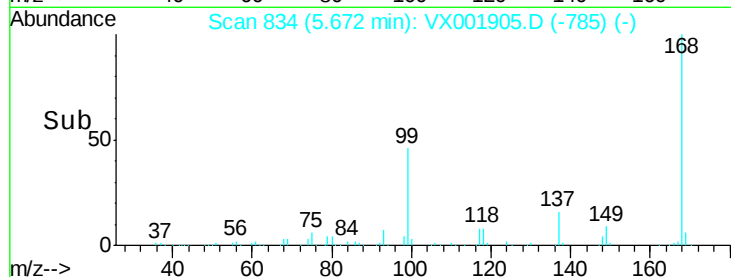
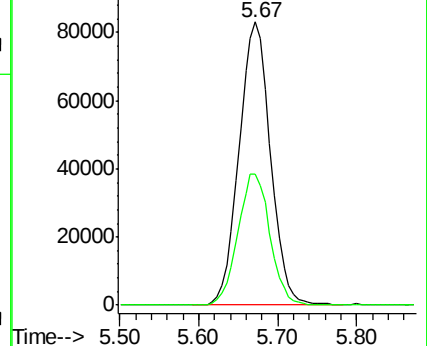
168 100

99 46.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.17 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001905.D

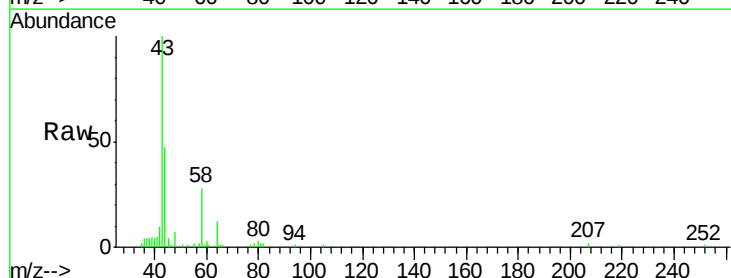
Acq: 22 May 2018 20:31

Tgt Ion: 43 Resp: 8677

Ion Ratio Lower Upper

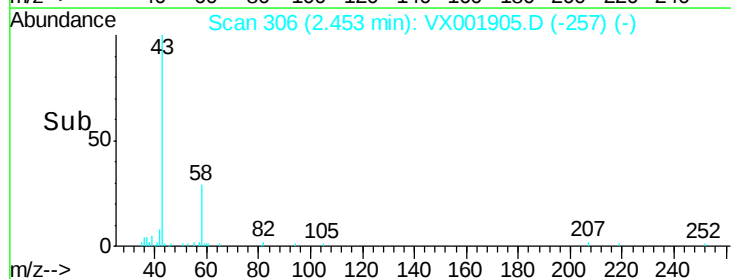
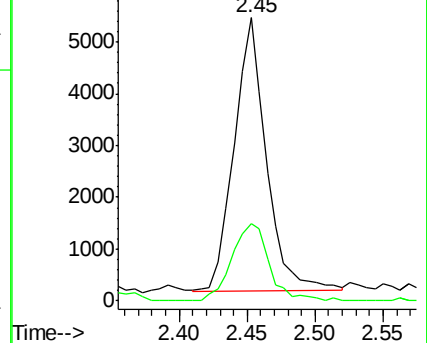
43 100

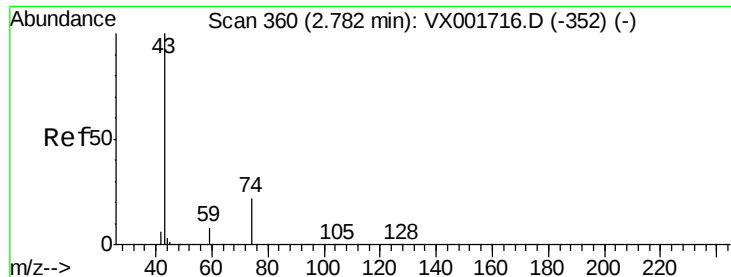
58 28.6 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

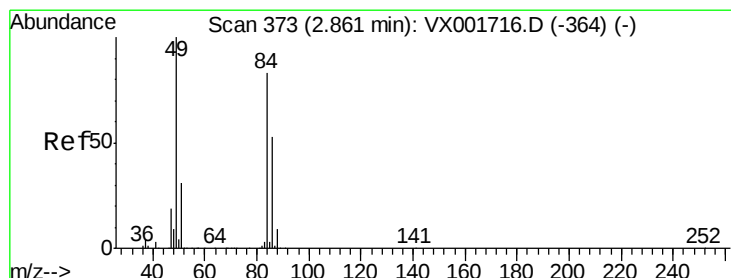
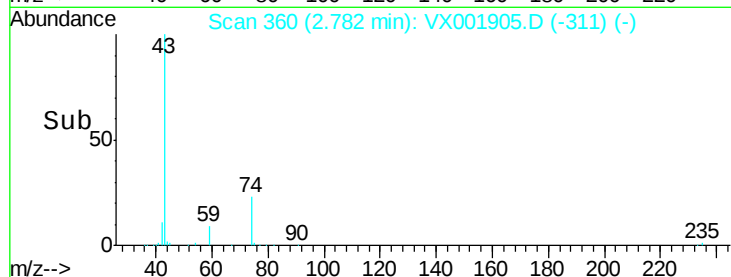
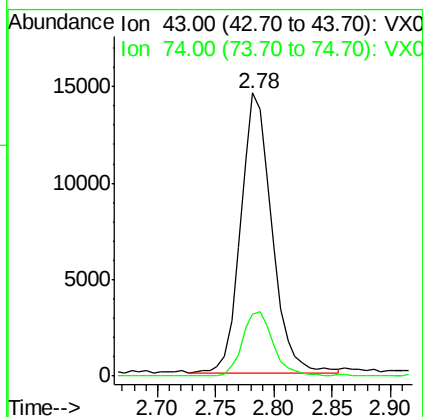
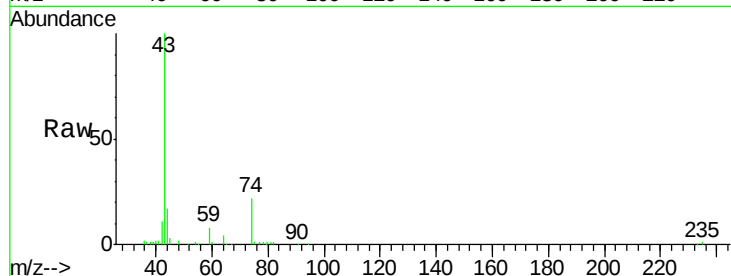




#18
Methvl Acetate
Concen: 7.60 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001905.D
Acq: 22 May 2018 20:31

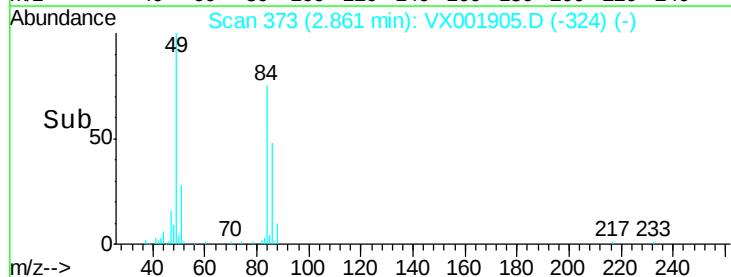
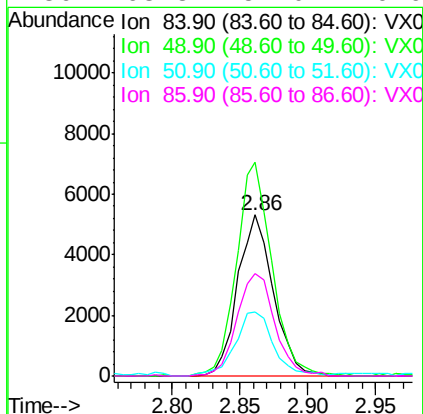
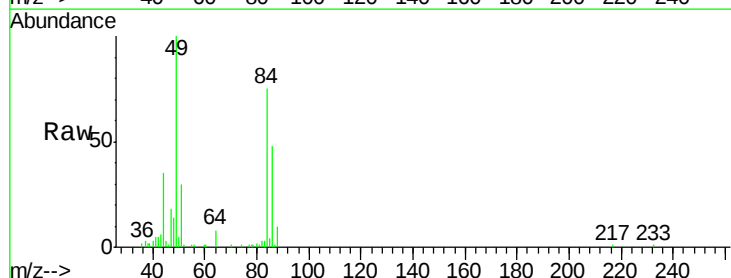
Instrument :
MSVOA_X
ClientSampleId :
PB109525ZHE#12

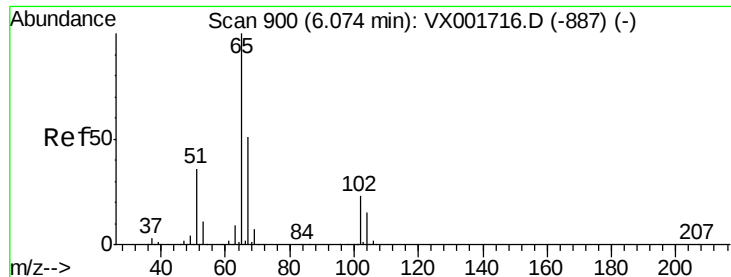
Tot Ion: 43 Resp: 26913
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2



#20
Methylene Chloride
Concen: 3.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001905.D
Acq: 22 May 2018 20:31

Tgt Ion: 84 Resp: 9766
Ion Ratio Lower Upper
84 100
49 132.5 96.3 144.5
51 40.0 29.8 44.6
86 63.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 49.06 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001905.D

Acq: 22 May 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

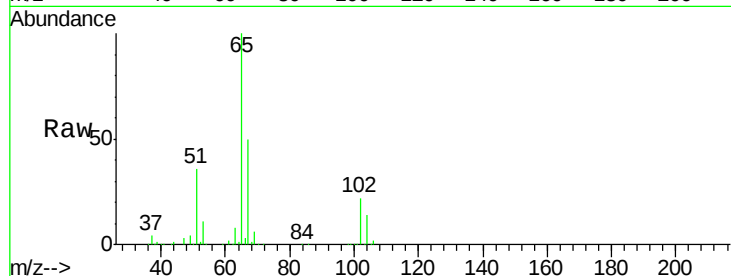
PB109525ZHE#12

Tot Ion: 65 Resp: 151205

Ion Ratio Lower Upper

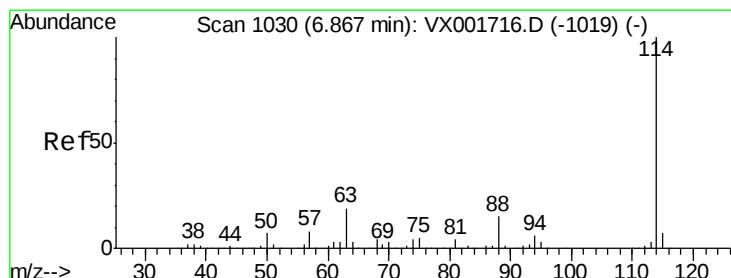
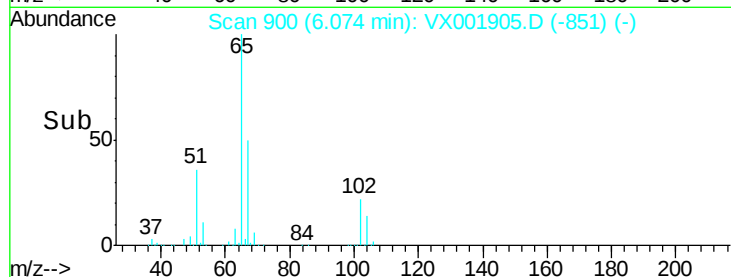
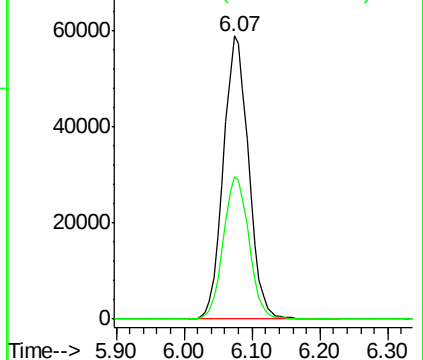
65 100

67 51.1 0.0 102.8



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# 1030

Delta R.T. -0.00 min

Lab File: VX001905.D

Acq: 22 May 2018 20:31

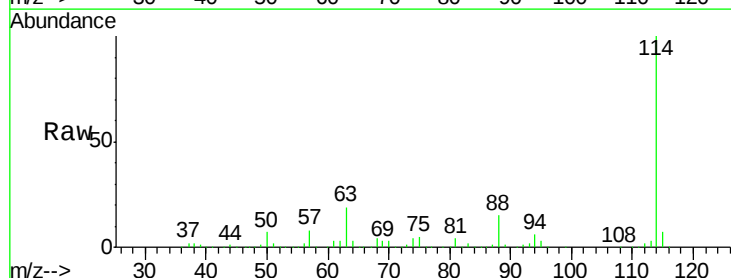
Tgt Ion: 114 Resp: 311319

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.0

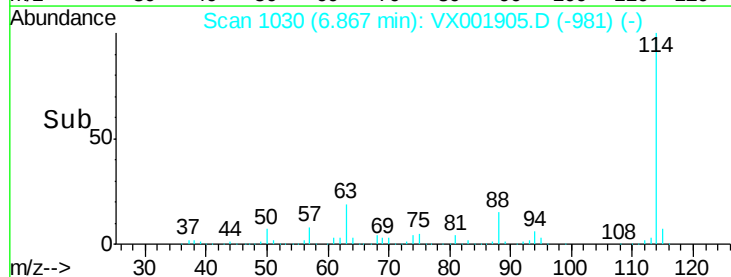
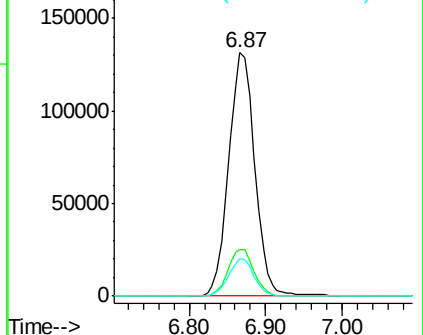
88 15.4 0.0 29.8

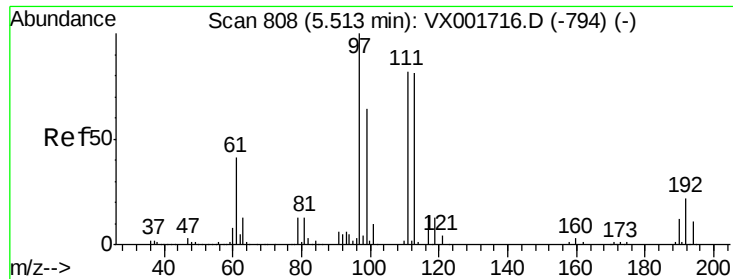


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

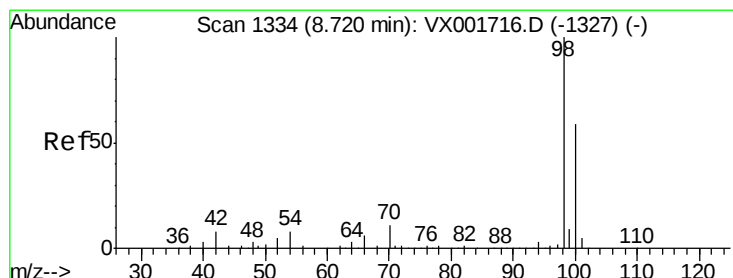
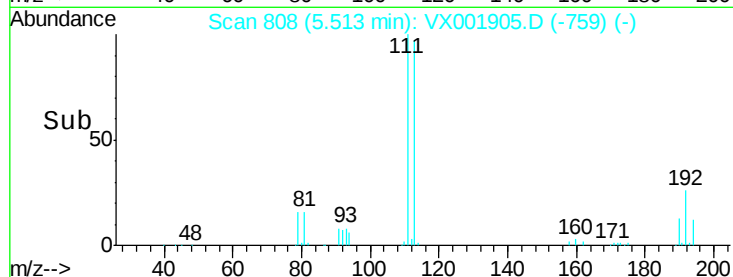
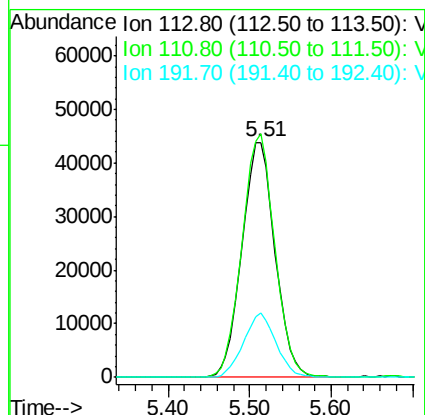
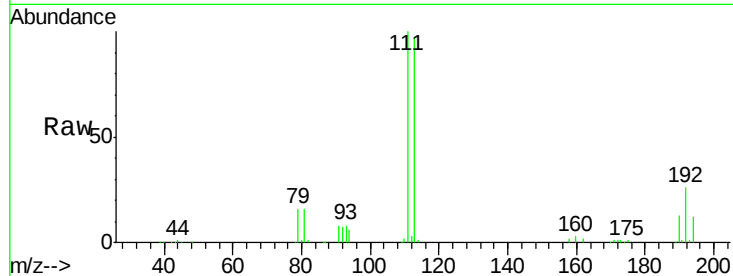




#35
 Dibromofluoromethane
 Concen: 47.08 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001905.D
 Acq: 22 May 2018 20:31

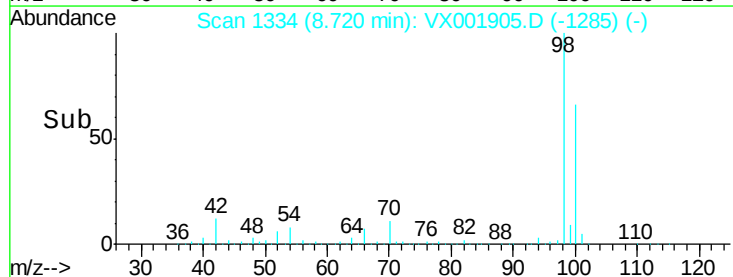
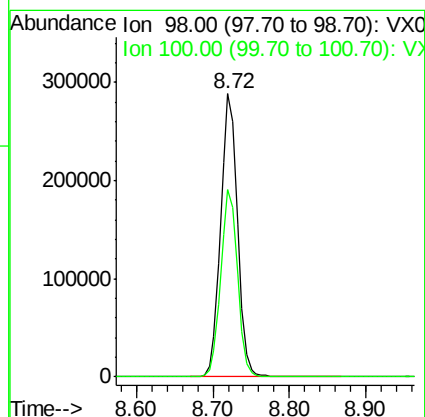
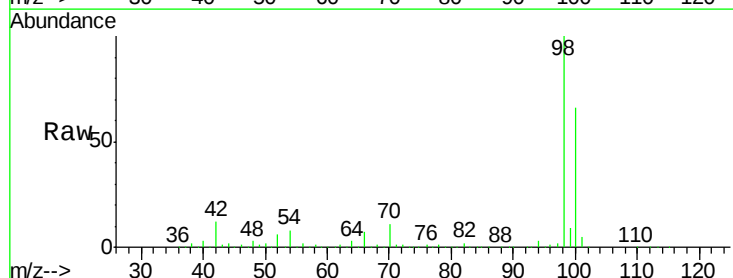
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#12

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	26.6	21.6	32.4



#50
 Toluene-d8
 Concen: 46.68 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001905.D
 Acq: 22 May 2018 20:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	54.0	81.0

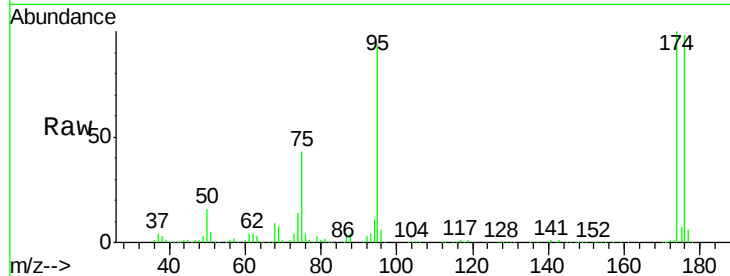




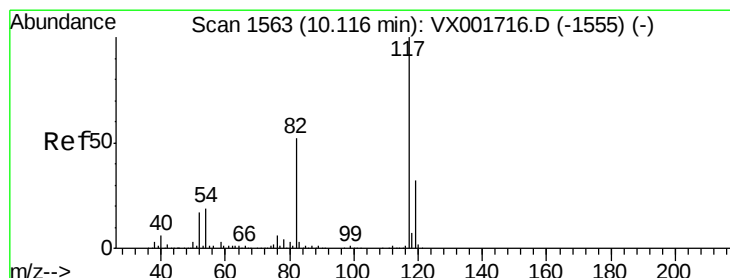
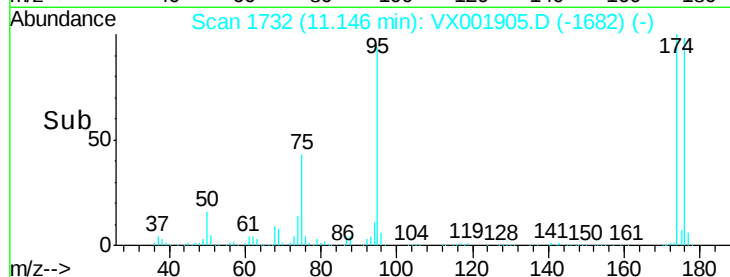
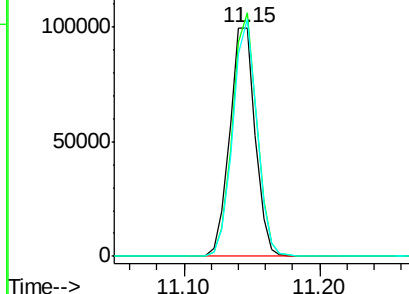
#62
4-Bromofluorobenzene
Concen: 38.34 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001905.D
Acq: 22 May 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
PB109525ZHE#12

Tot Ion: 95 Resp: 129902
Ion Ratio Lower Upper
95 100
174 102.4 0.0 201.8
176 98.5 0.0 196.8

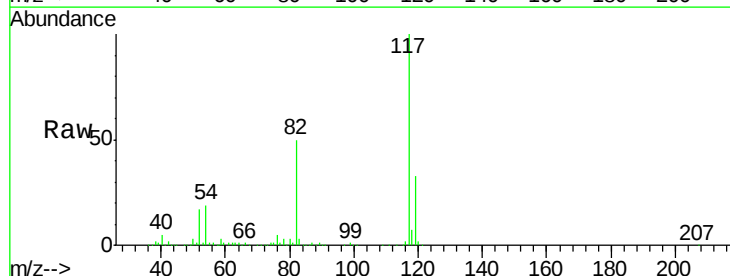


Abundance Ion 94.90 (94.60 to 95.60): VX
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

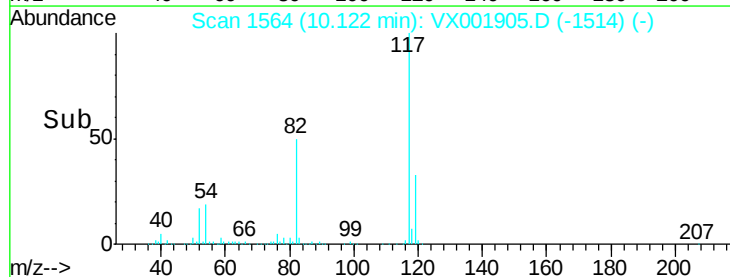
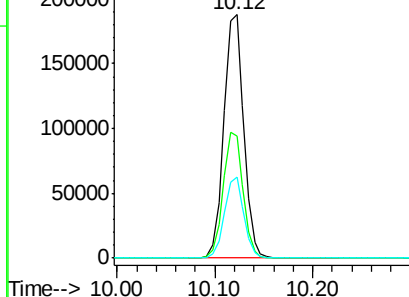


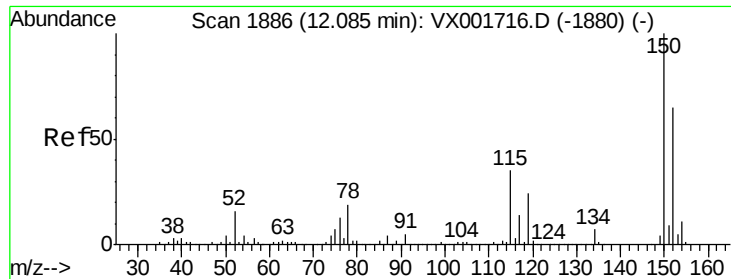
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001905.D
Acq: 22 May 2018 20:31

Tgt Ion: 117 Resp: 263909
Ion Ratio Lower Upper
117 100
82 50.1 41.4 62.2
119 33.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

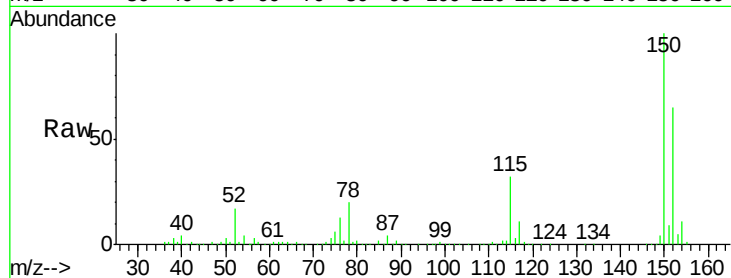




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX001905.D
 Acq: 22 May 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#12

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.0	37.4	112.2
150	156.5	0.0	344.8



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

