

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001910.D
 Acq On : 22 May 2018 22:45
 Operator : JC/MD
 Sample : PB109525ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#17

Quant Time: May 23 03:08:11 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	240783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157113	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	158194	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	130602	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	8.72	98	465728	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.14	95	143791	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	

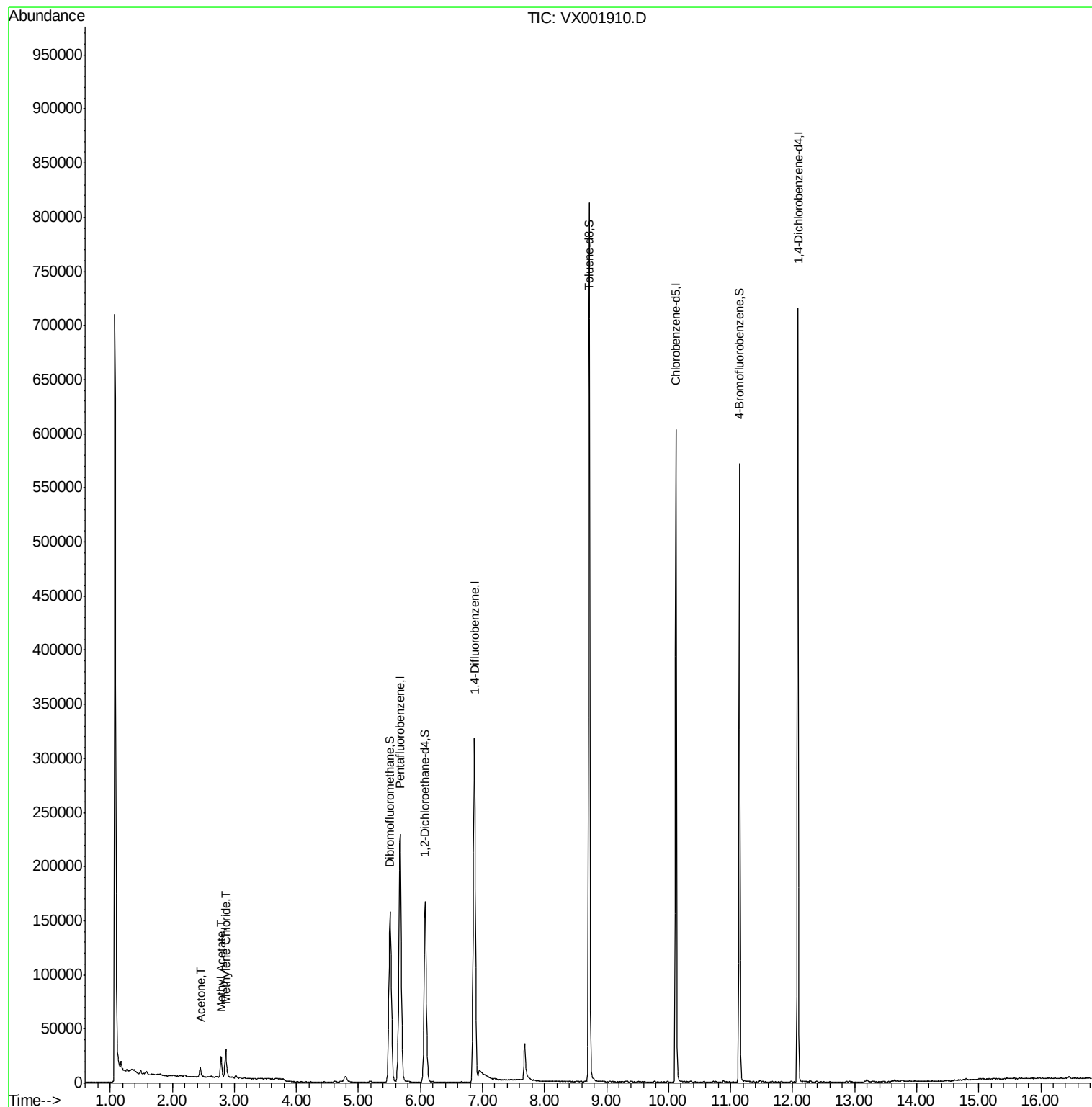
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9344	7.37	ug/l	97
18) Methyl Acetate	2.78	43	23800	6.42	ug/l	100
20) Methylene Chloride	2.86	84	11848	4.37	ug/l	97

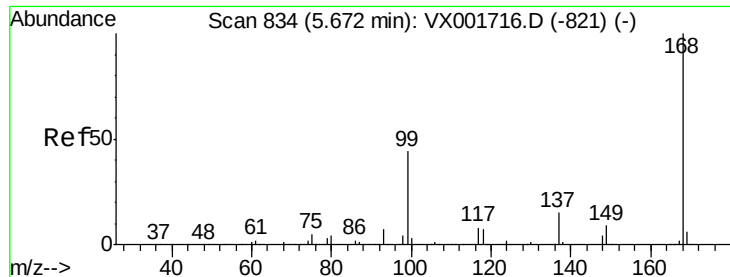
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001910.D

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Instrument :

MSVOA_X

ClientSampleId :

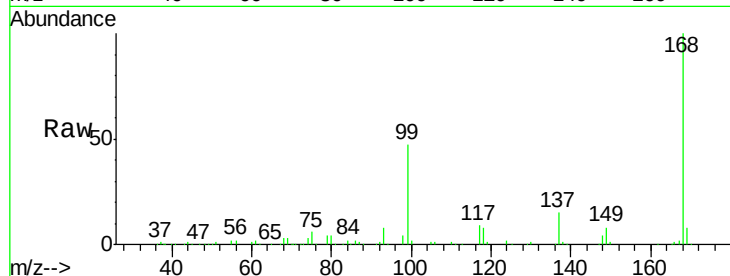
PB109525ZHE#17

Tot Ion:168 Resp: 240783

Ion Ratio Lower Upper

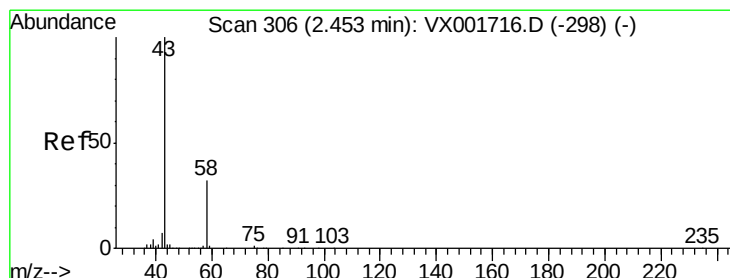
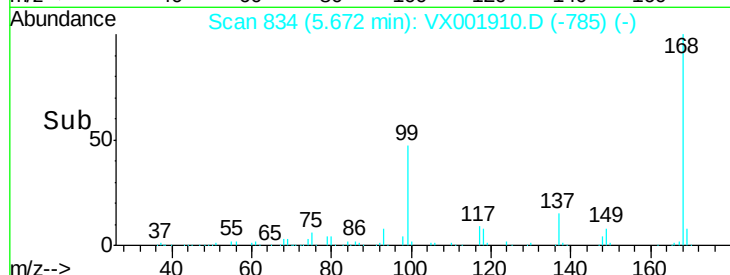
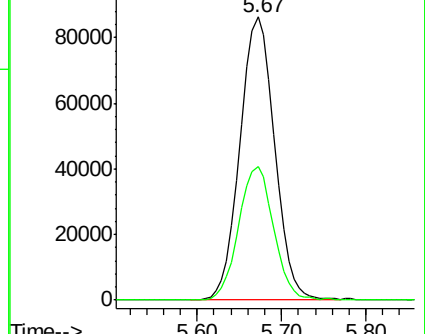
168 100

99 47.1 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: 7.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001910.D

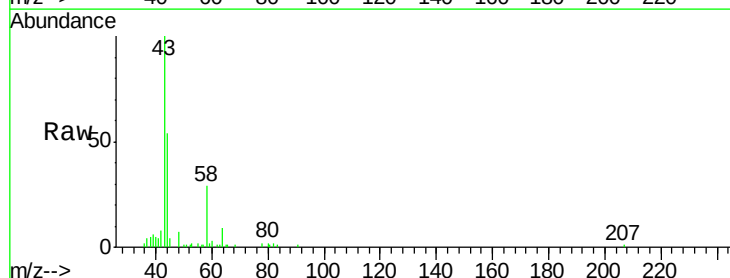
Acq: 22 May 2018 22:45

Tgt Ion: 43 Resp: 9344

Ion Ratio Lower Upper

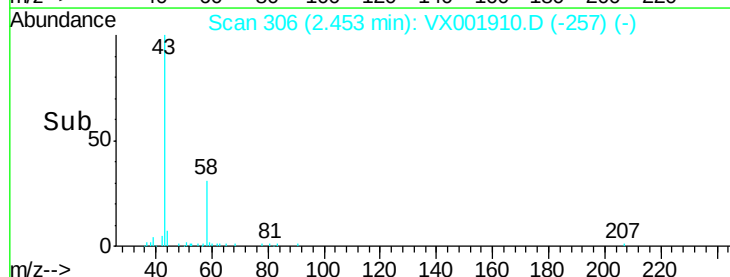
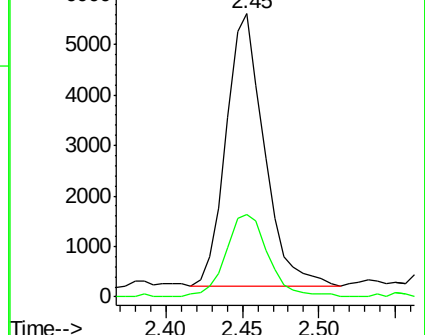
43 100

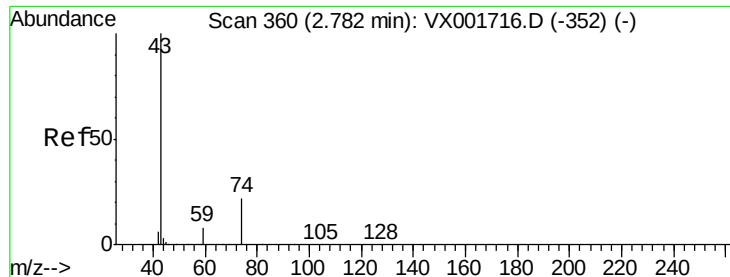
58 30.1 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

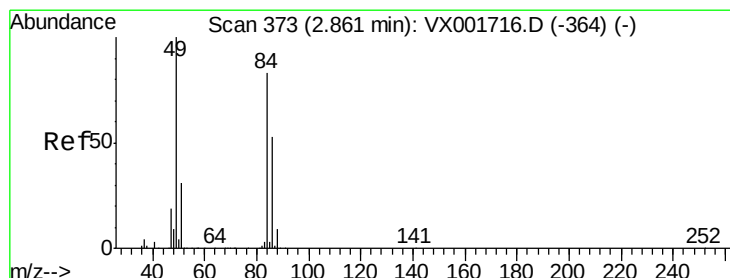
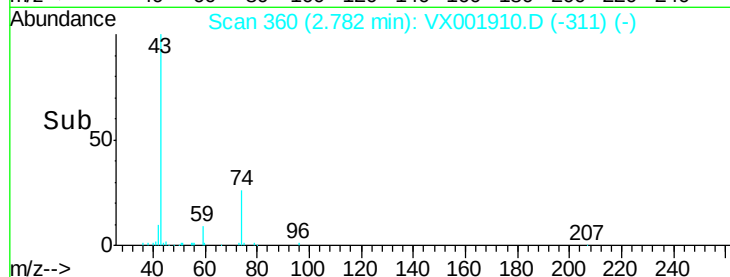
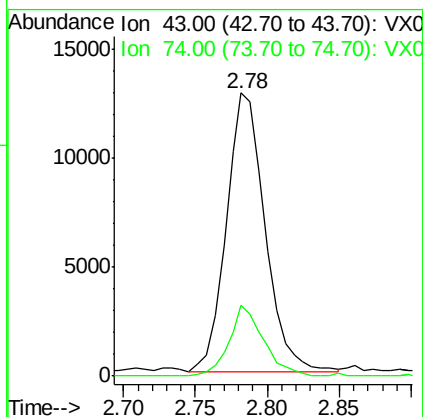
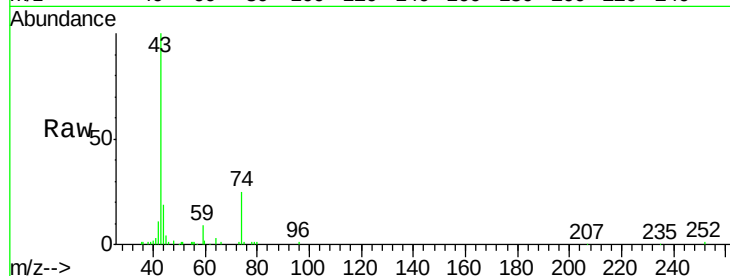




#18
Methvl Acetate
Concen: 6.42 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001910.D
Acq: 22 May 2018 22:45

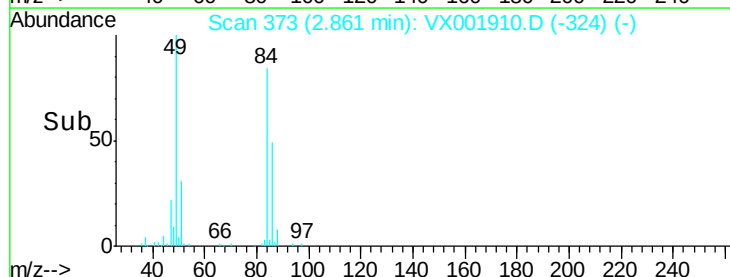
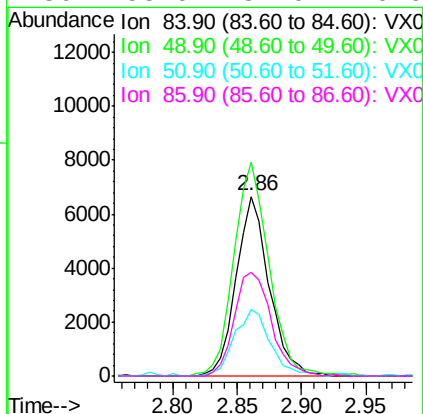
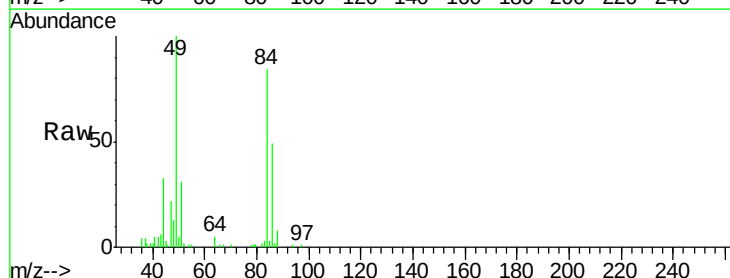
Instrument :
MSVOA_X
ClientSampleId :
PB109525ZHE#17

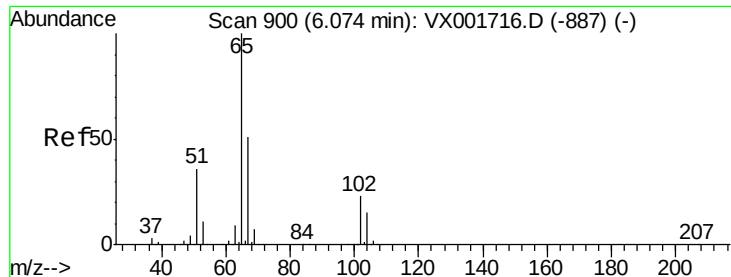
Tot Ion: 43 Resp: 23800
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2



#20
Methylene Chloride
Concen: 4.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001910.D
Acq: 22 May 2018 22:45

Tgt Ion: 84 Resp: 11848
Ion Ratio Lower Upper
84 100
49 119.1 96.3 144.5
51 36.9 29.8 44.6
86 58.0 51.0 76.6

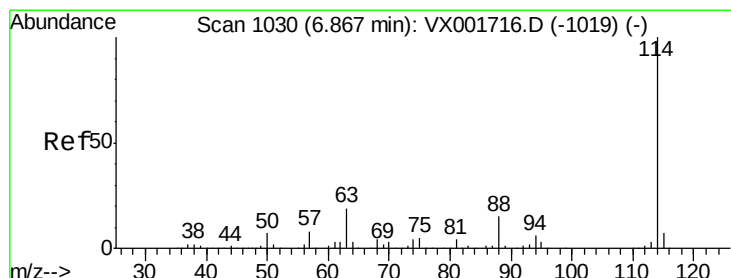
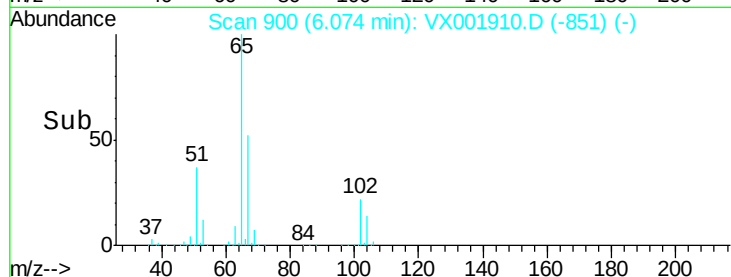
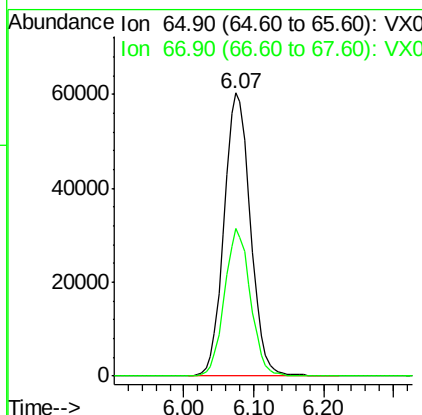
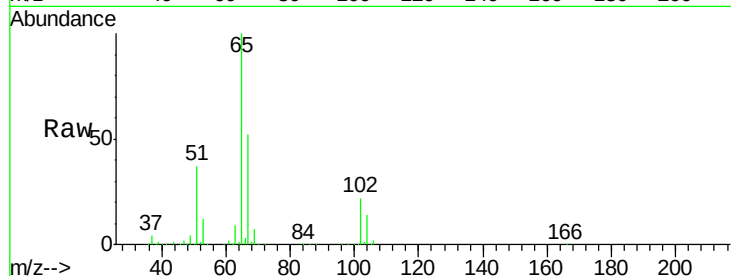




#33
 1,2-Dichloroethane-d4
 Concen: 49.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001910.D
 Acq: 22 May 2018 22:45

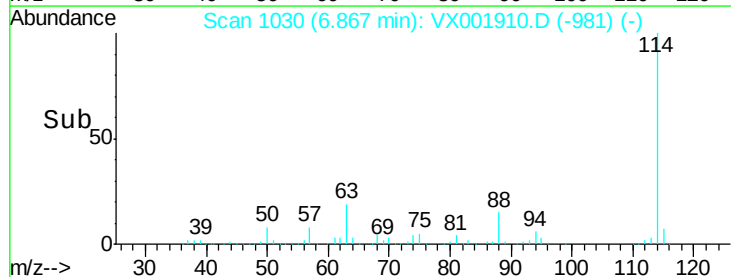
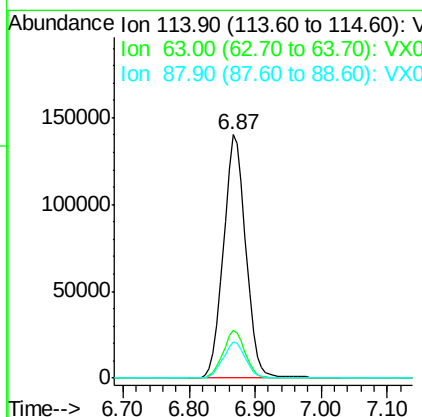
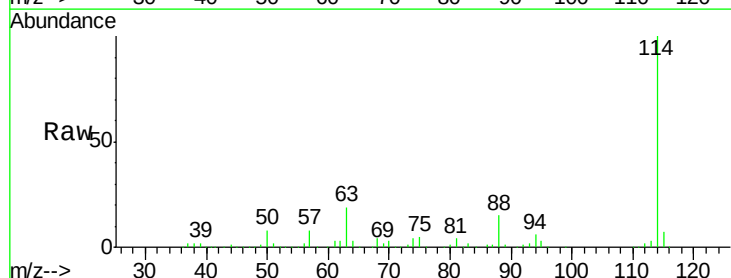
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#17

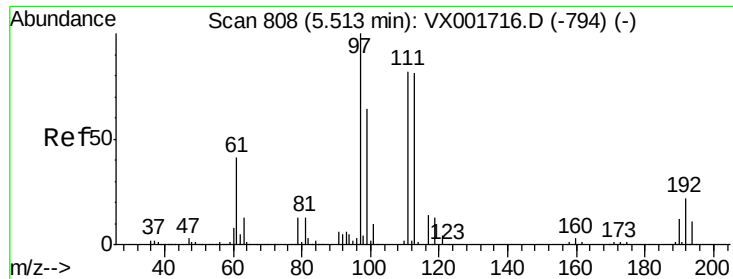
Tot Ion: 65 Resp: 158194
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001910.D
 Acq: 22 May 2018 22:45

Tgt Ion: 114 Resp: 329350
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.0
 88 14.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.99 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001910.D

Acq: 22 May 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#17

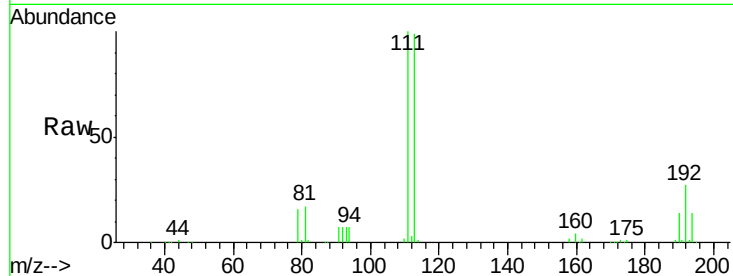
Tot Ion:113 Resp: 130602

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

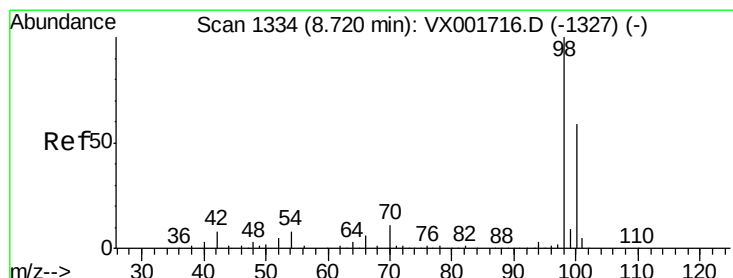
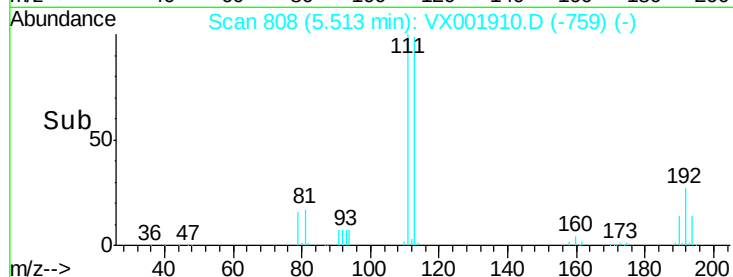
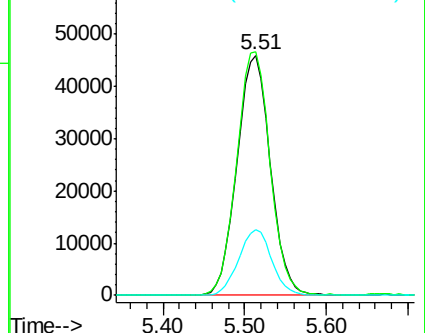
192 27.0 21.6 32.4



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: 46.79 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001910.D

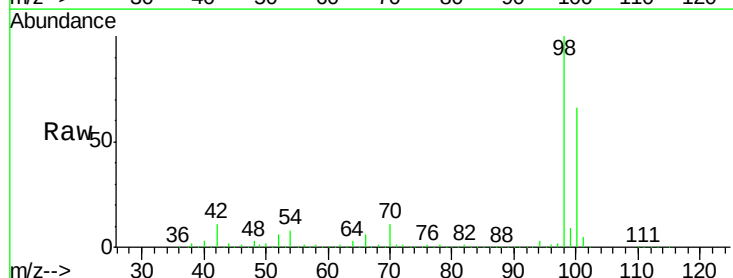
Acq: 22 May 2018 22:45

Tgt Ion: 98 Resp: 465728

Ion Ratio Lower Upper

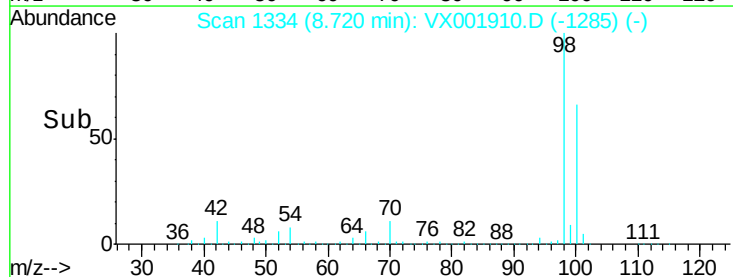
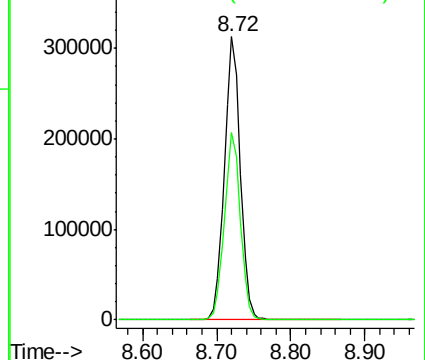
98 100

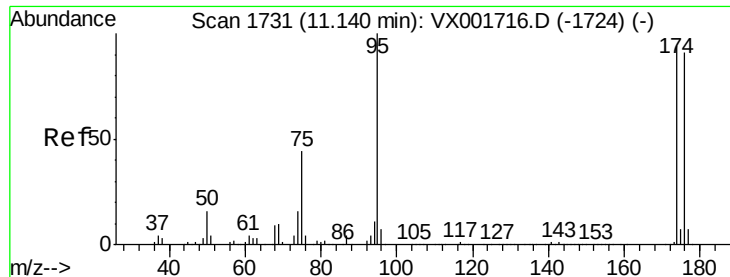
100 66.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

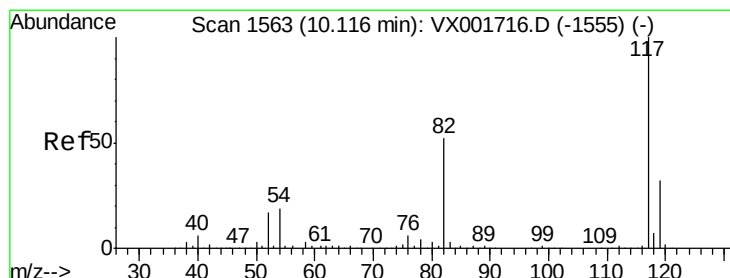
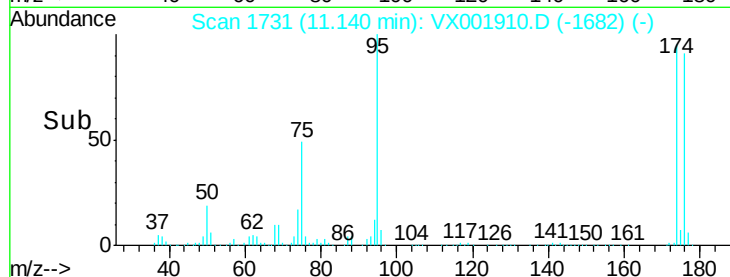
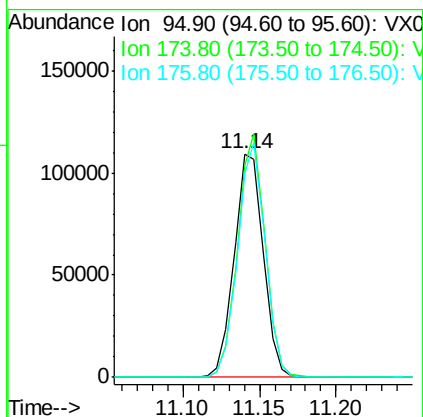
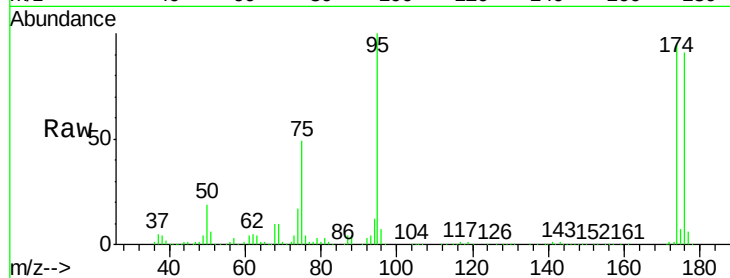




#62
4-Bromofluorobenzene
Concen: 40.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001910.D
Acq: 22 May 2018 22:45

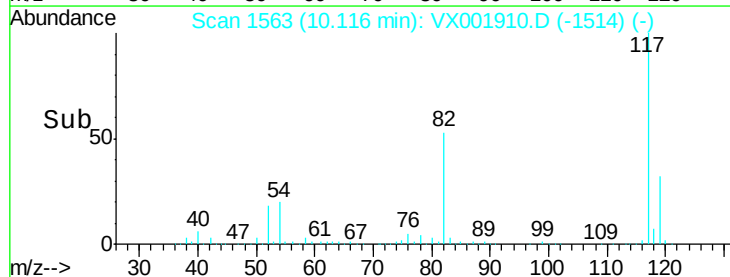
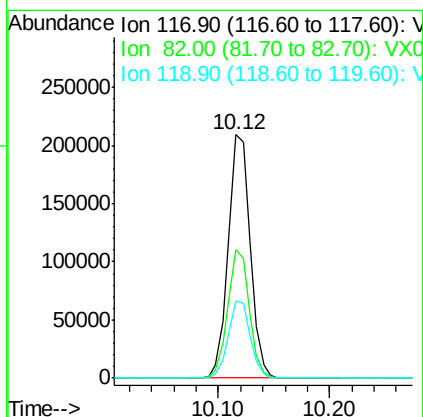
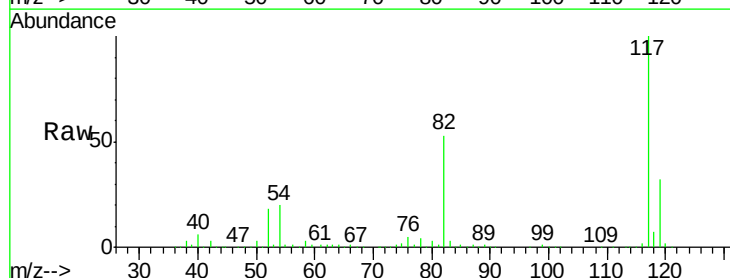
Instrument :
MSVOA_X
ClientSampleId :
PB109525ZHE#17

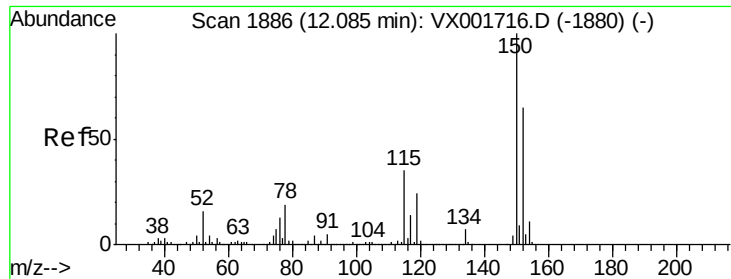
Tot Ion: 95 Resp: 143791
Ion Ratio Lower Upper
95 100
174 102.8 0.0 201.8
176 99.5 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001910.D
Acq: 22 May 2018 22:45

Tgt Ion: 117 Resp: 286957
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.2
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001910.D

Acq: 22 May 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#17

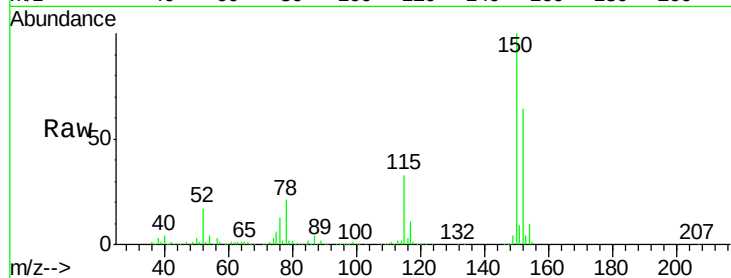
Tot Ion:152 Resp: 157113

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

150 154.9 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

