

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004982.D
 Acq On : 03 Oct 2018 21:07
 Operator : JC/MD
 Sample : PB113446ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#08

Quant Time: Oct 04 03:18:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228582	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	184115	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	5.51	113	161828	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
50) Toluene-d8	8.72	98	612395	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	221953	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	

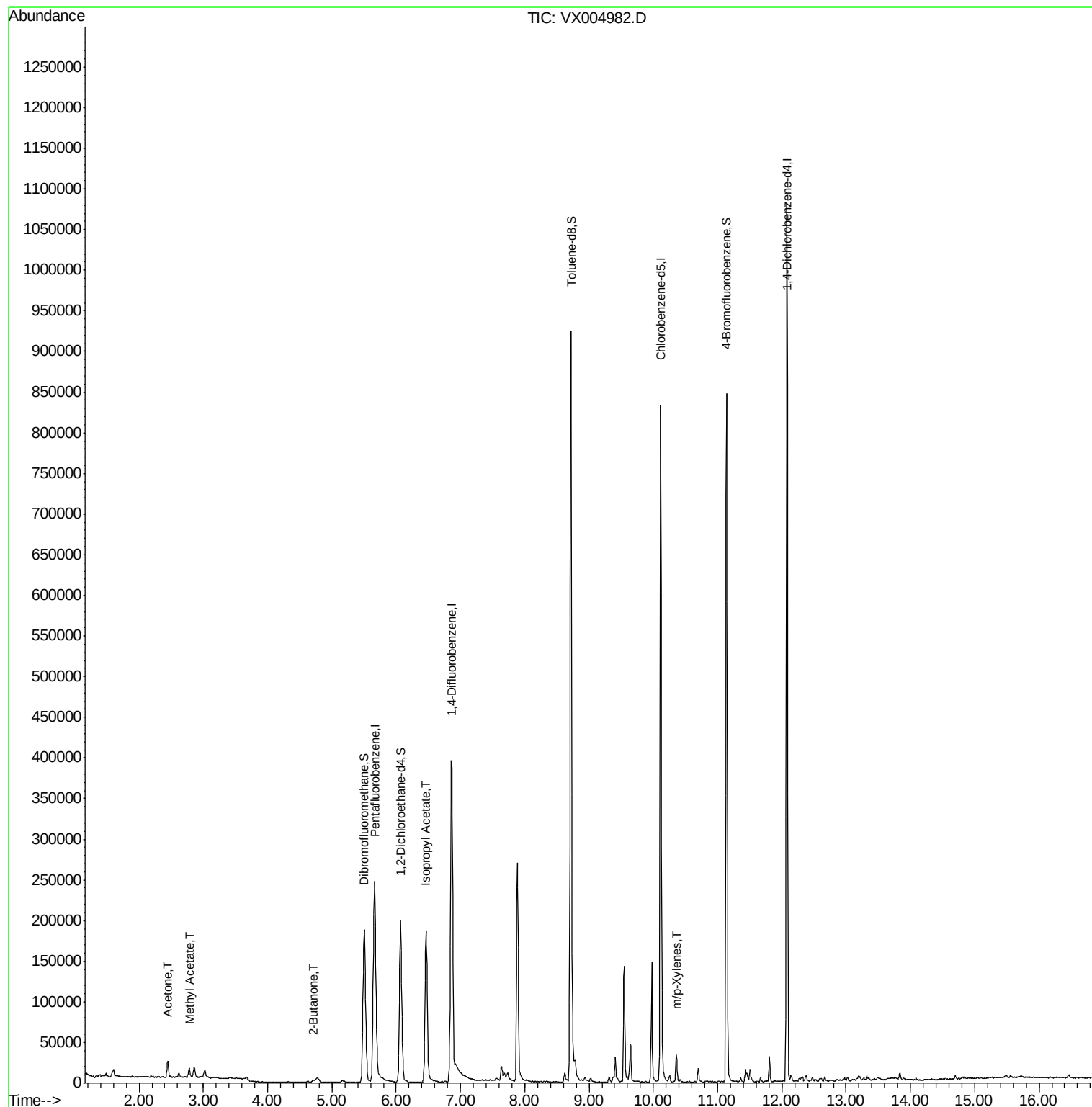
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21696	9.799	ug/l	91
18) Methyl Acetate	2.78	43	13627	2.429	ug/l	98
25) 2-Butanone	4.71	43	5727	1.755	ug/l	92
43) Isopropyl Acetate	6.46	43	257572	26.563	ug/l	97
68) m/p-Xylenes	10.36	106	8608	1.308	ug/l	97

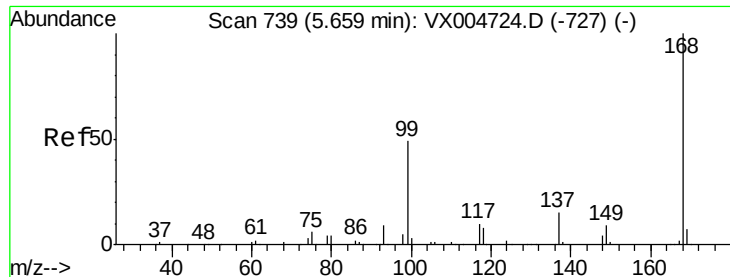
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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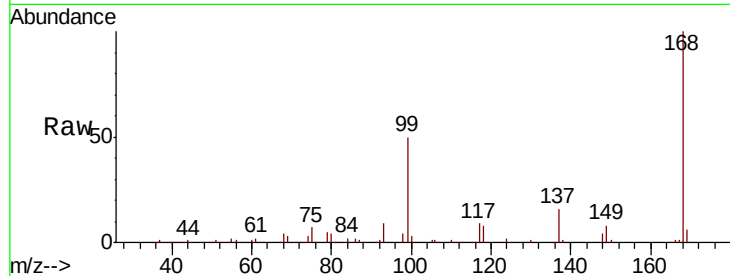




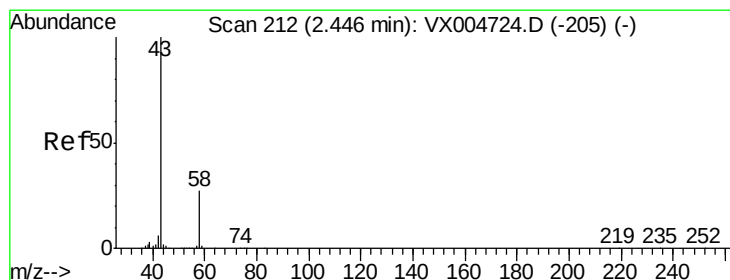
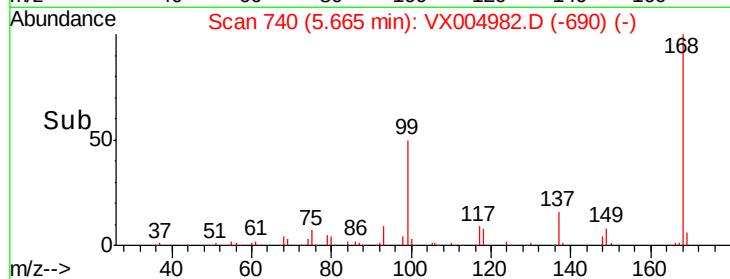
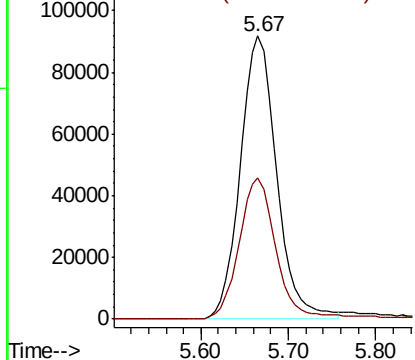
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004982.D
Acq: 03 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#08

Tot Ion:168 Resp: 265489
Ion Ratio Lower Upper
168 100
99 49.7 39.3 58.9

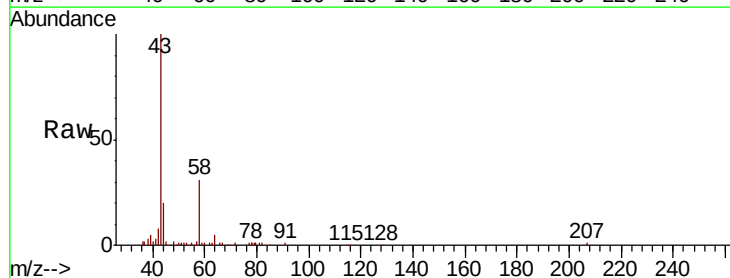


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

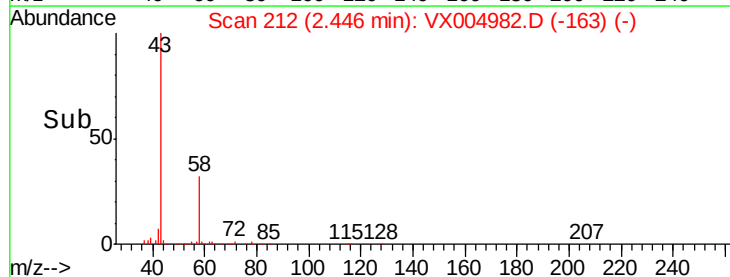
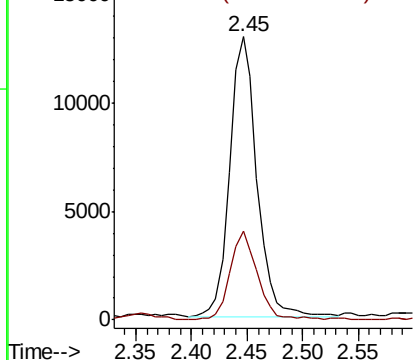


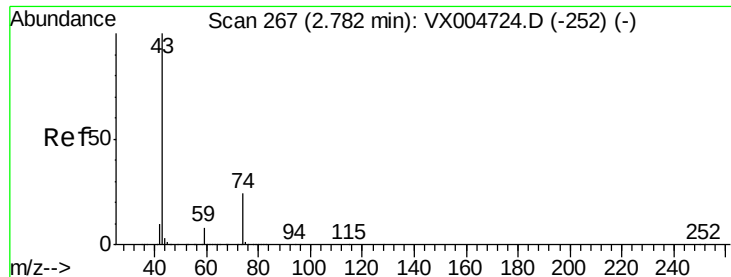
#16
Acetone
Concen: 9.799 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004982.D
Acq: 03 Oct 2018 21:07

Tgt Ion: 43 Resp: 21696
Ion Ratio Lower Upper
43 100
58 31.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

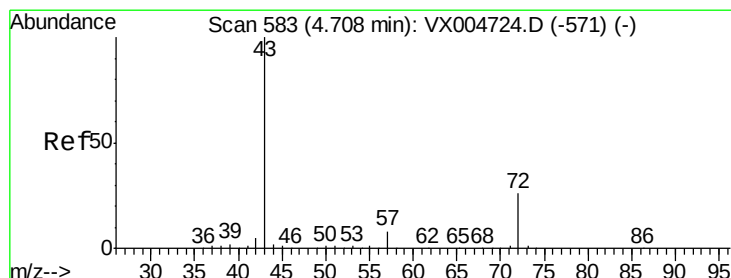
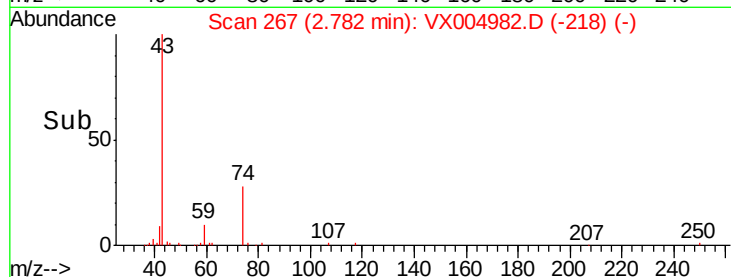
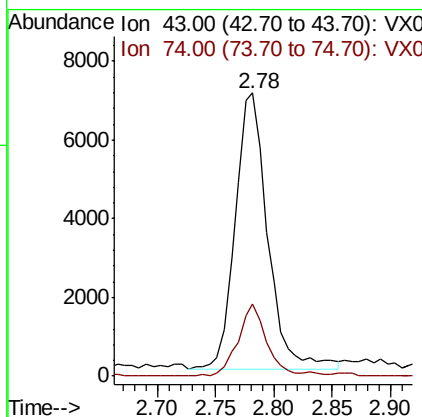
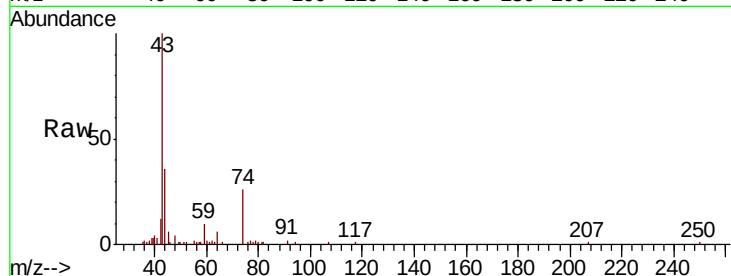




#18
Methvl Acetate
Concen: 2.429 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004982.D
Acq: 03 Oct 2018 21:07

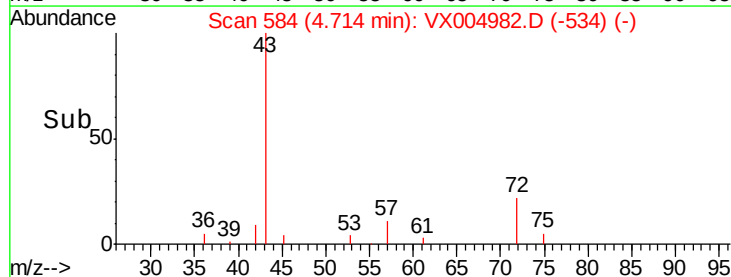
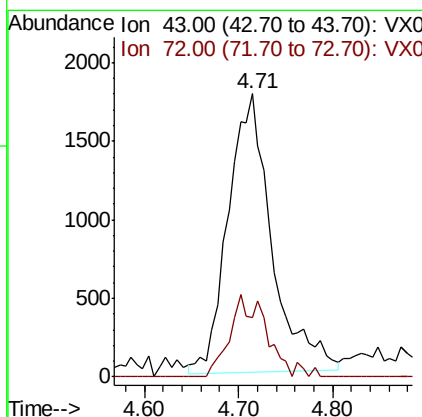
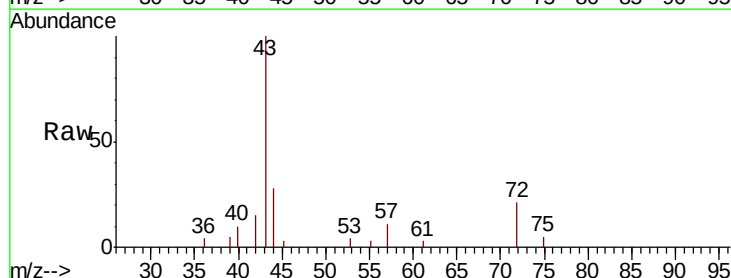
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#08

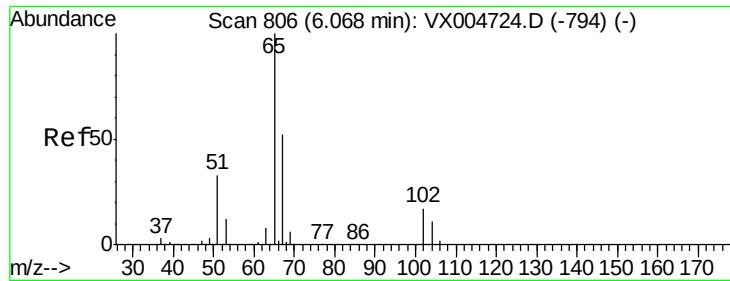
Tot Ion: 43 Resp: 13627
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#25
2-Butanone
Concen: 1.755 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004982.D
Acq: 03 Oct 2018 21:07

Tgt Ion: 43 Resp: 5727
Ion Ratio Lower Upper
43 100
72 22.1 20.8 31.2

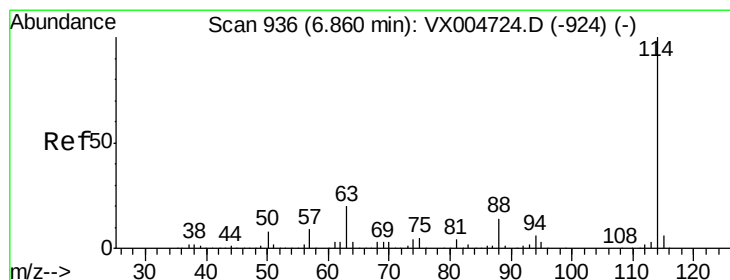
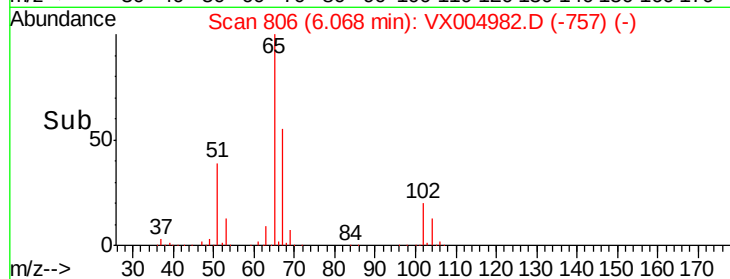
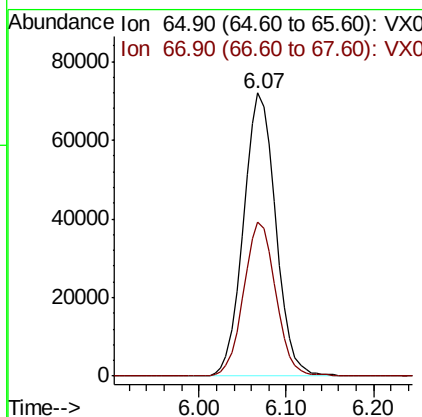
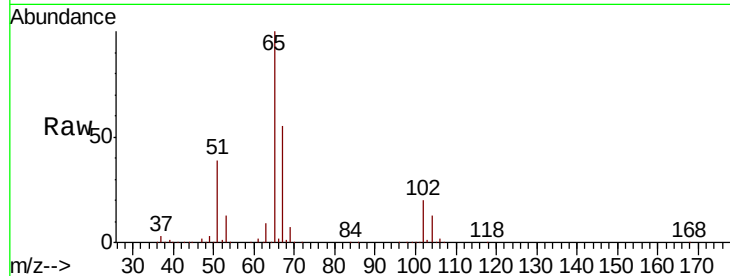




#33
 1,2-Dichloroethane-d4
 Concen: 48.547 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004982.D
 Acq: 03 Oct 2018 21:07

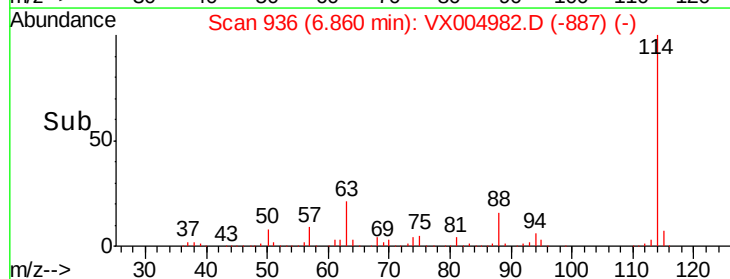
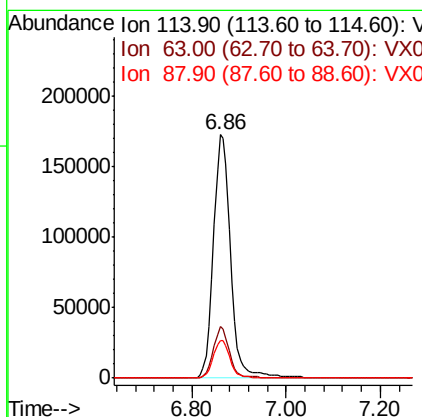
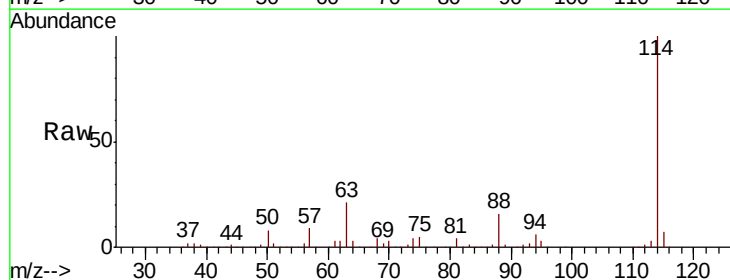
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#08

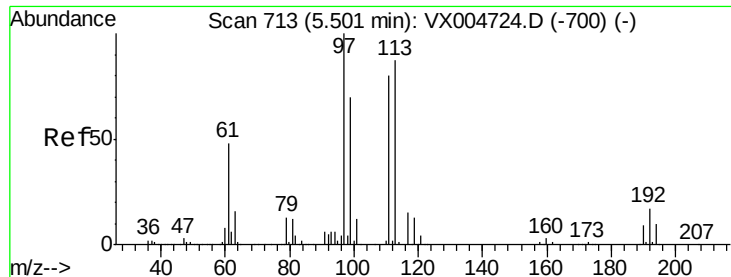
Tot Ion: 65 Resp: 184115
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004982.D
 Acq: 03 Oct 2018 21:07

Tgt Ion: 114 Resp: 437698
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.8
 88 15.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 43.625 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004982.D

Acq: 03 Oct 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#08

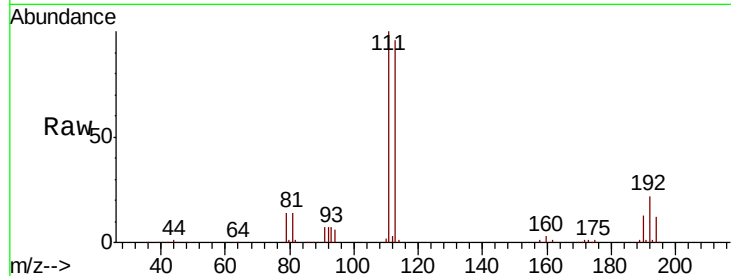
Tot Ion:113 Resp: 161828

Ion Ratio Lower Upper

113 100

111 103.6 77.0 115.4

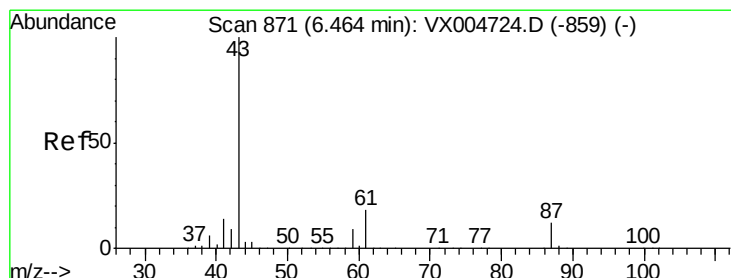
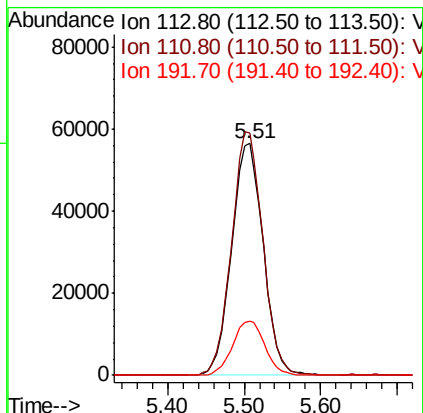
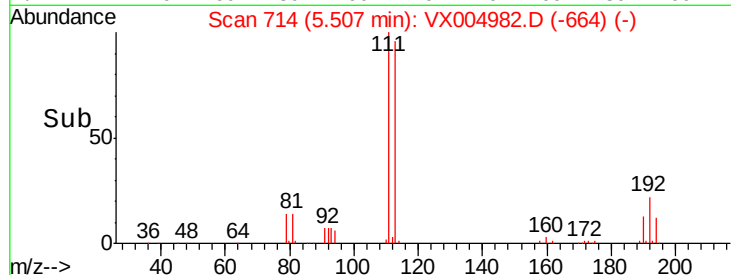
192 23.9 17.0 25.6



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



#43

Isopropyl Acetate

Concen: 26.563 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004982.D

Acq: 03 Oct 2018 21:07

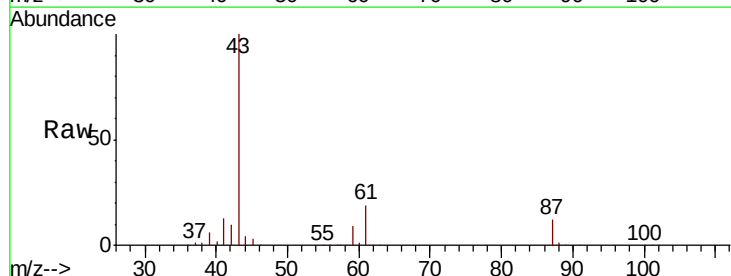
Tgt Ion: 43 Resp: 257572

Ion Ratio Lower Upper

43 100

61 19.4 14.2 21.4

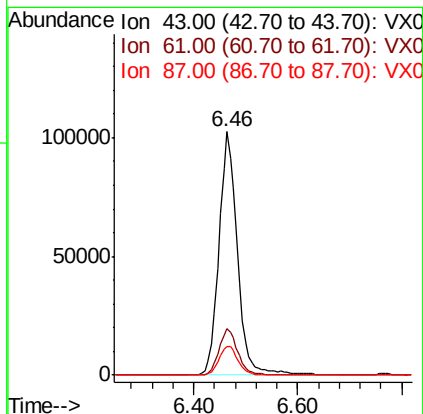
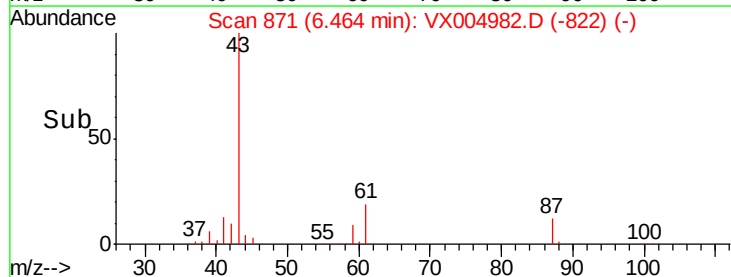
87 12.4 9.3 13.9

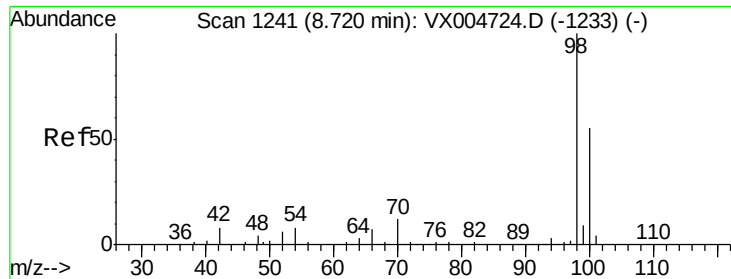


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.658 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004982.D

Acq: 03 Oct 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

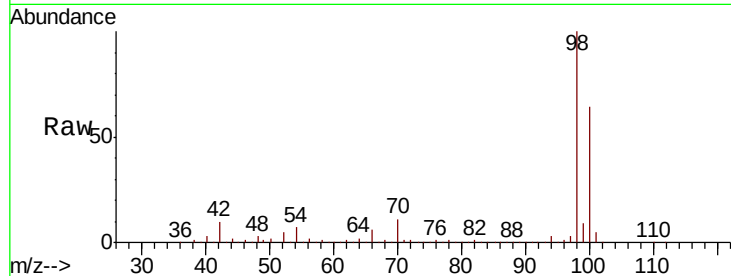
PB113446ZHE#08

Tot Ion: 98 Resp: 612395

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

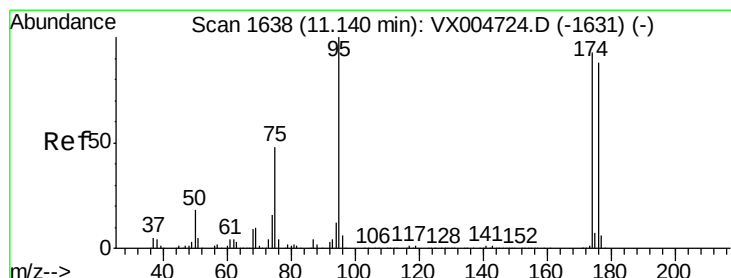
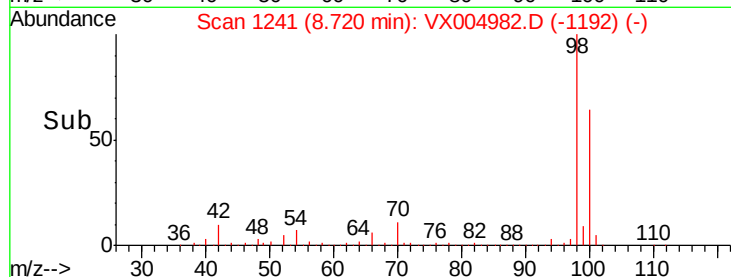
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.958 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004982.D

Acq: 03 Oct 2018 21:07

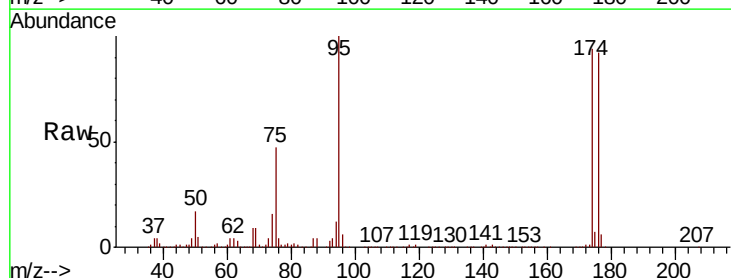
Tgt Ion: 95 Resp: 221953

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

176 89.3 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

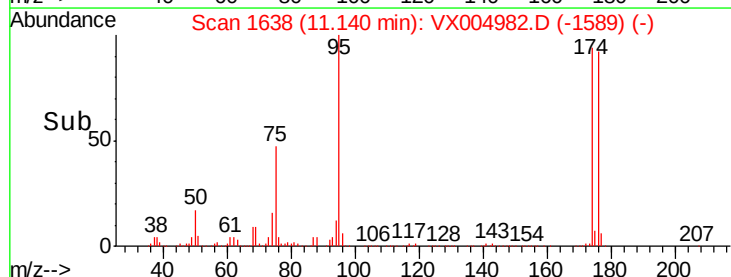
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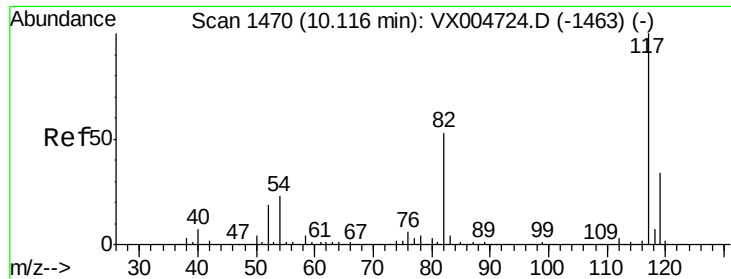
100000

50000

0

Time-->

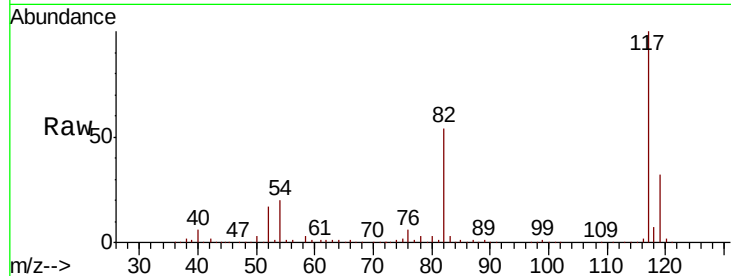




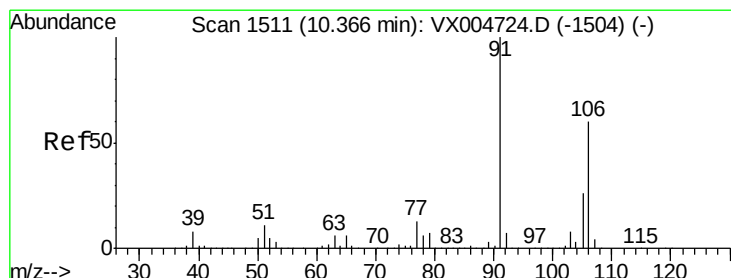
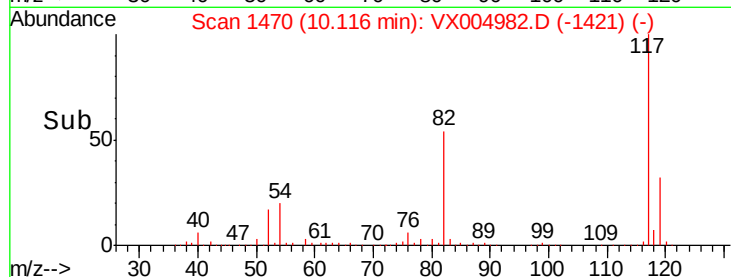
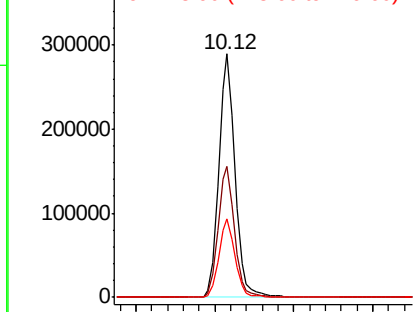
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004982.D
Acq: 03 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#08

Tot Ion:117 Resp: 413600
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.4
119 32.3 27.4 41.0

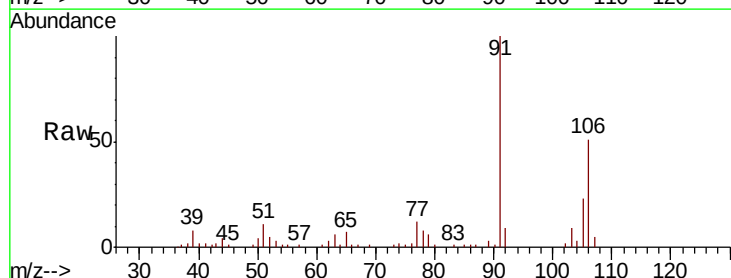


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

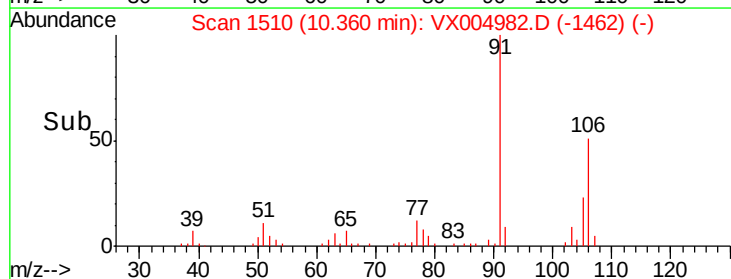
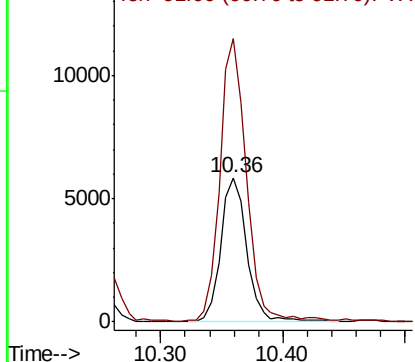


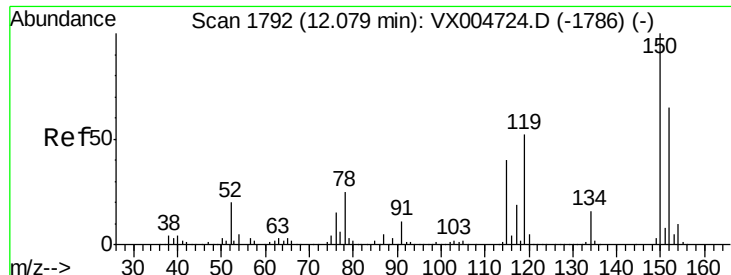
#68
m/p-Xylenes
Concen: 1.308 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004982.D
Acq: 03 Oct 2018 21:07

Tgt Ion:106 Resp: 8608
Ion Ratio Lower Upper
106 100
91 201.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004982.D
 Acq: 03 Oct 2018 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#08

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.2	120.6
150	156.8	0.0	351.0

