

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005012.D
 Acq On : 04 Oct 2018 11:21
 Operator : JC/MD
 Sample : PB113446ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#04

Quant Time: Oct 04 12:07:05 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

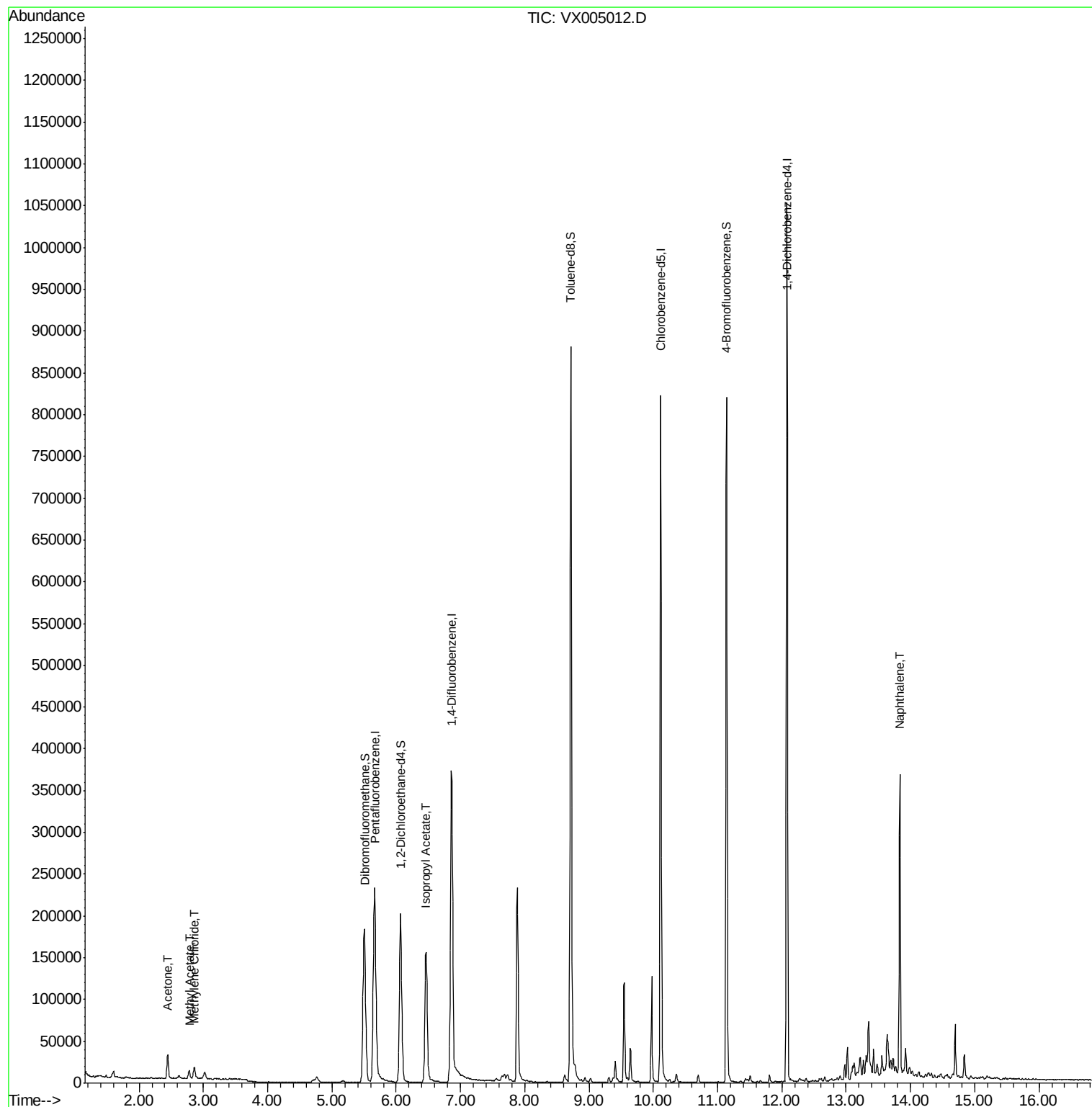
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	189148	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	5.50	113	161087	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	8.71	98	583550	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	211302	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
Target Compounds						
16) Acetone	2.45	43	30226	14.333	ug/l	90
18) Methyl Acetate	2.78	43	11973	2.241	ug/l	97
20) Methylene Chloride	2.86	84	6083	1.164	ug/l	90
43) Isopropyl Acetate	6.46	43	226670	24.860	ug/l	98
95) Naphthalene	13.83	128	217065	12.532	ug/l	100

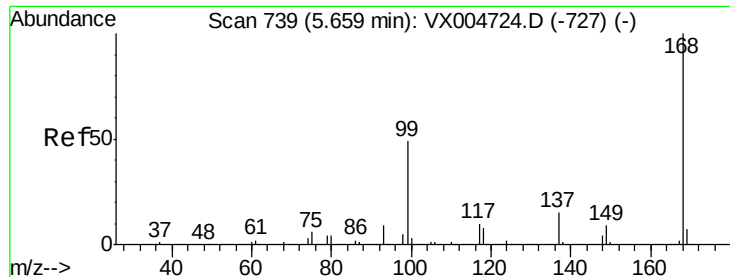
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005012.D

Acq: 04 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

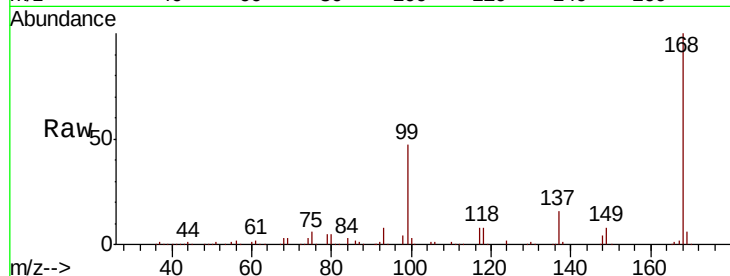
PB113446ZHE#04

Tot Ion:168 Resp: 252871

Ion Ratio Lower Upper

168 100

99 46.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

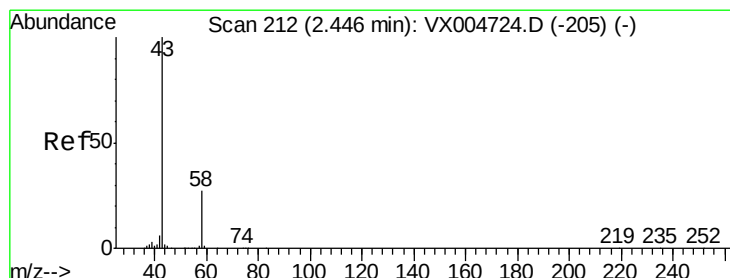
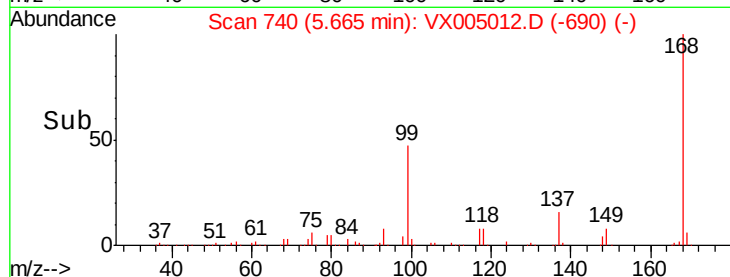
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.333 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005012.D

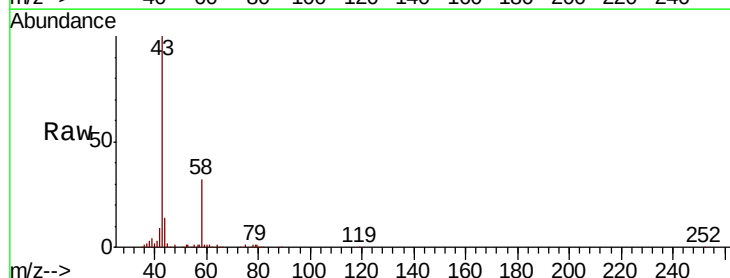
Acq: 04 Oct 2018 11:21

Tgt Ion: 43 Resp: 30226

Ion Ratio Lower Upper

43 100

58 32.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

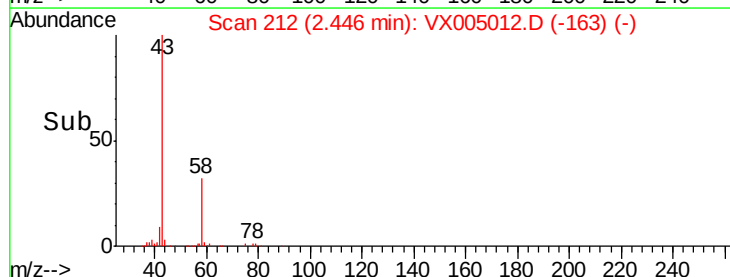
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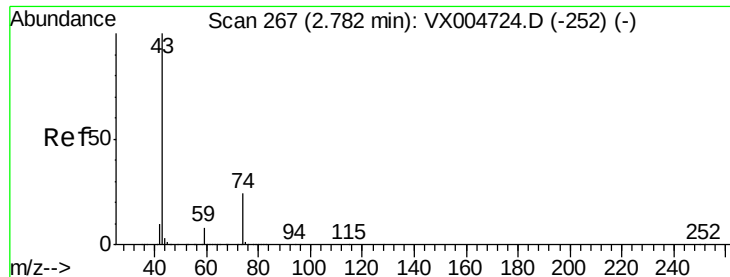
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

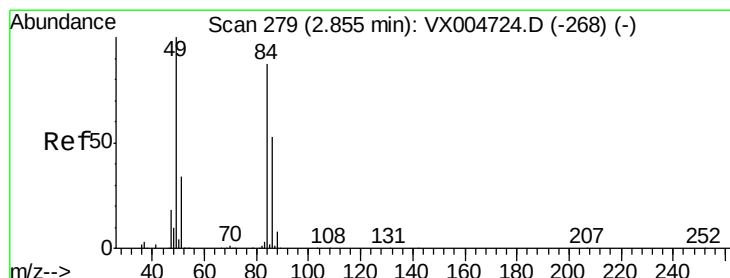
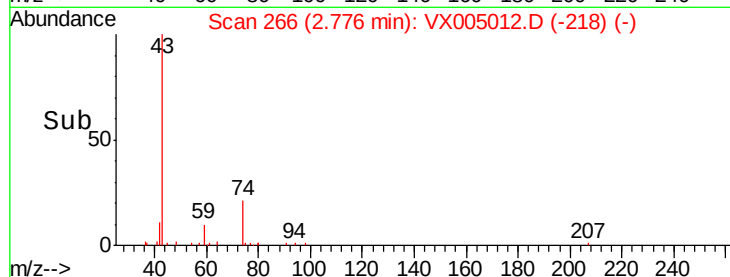
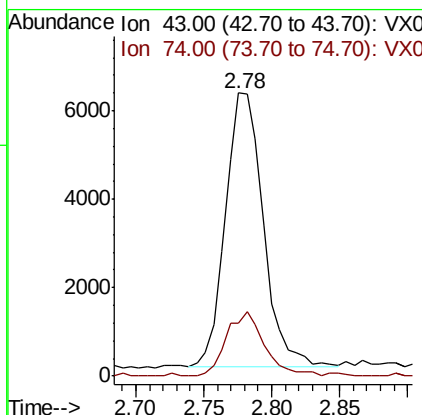
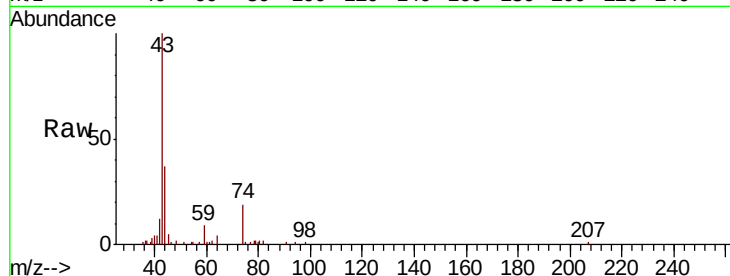




#18
Methvl Acetate
Concen: 2.241 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

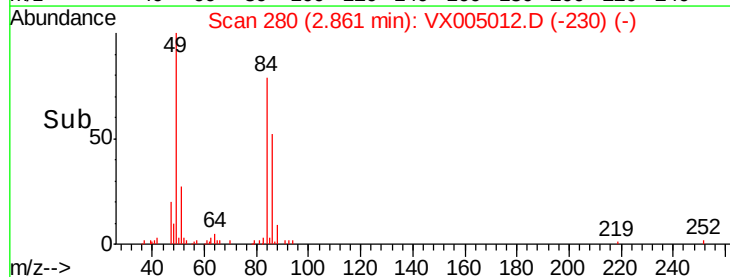
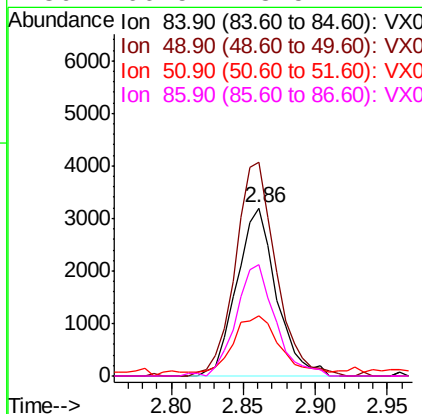
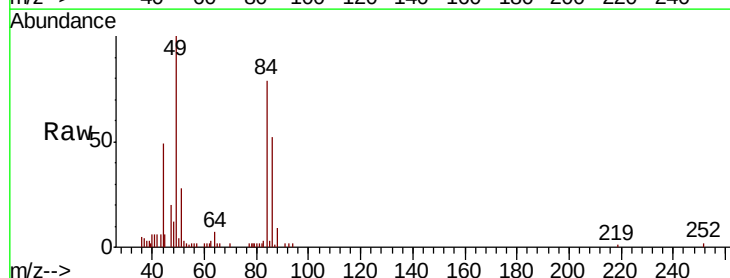
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

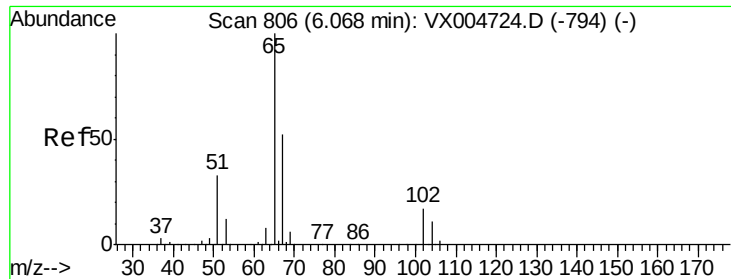
Tot Ion: 43 Resp: 11973
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8



#20
Methylene Chloride
Concen: 1.164 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 84 Resp: 6083
Ion Ratio Lower Upper
84 100
49 127.1 92.3 138.5
51 33.2 31.8 47.6
86 66.5 48.5 72.7

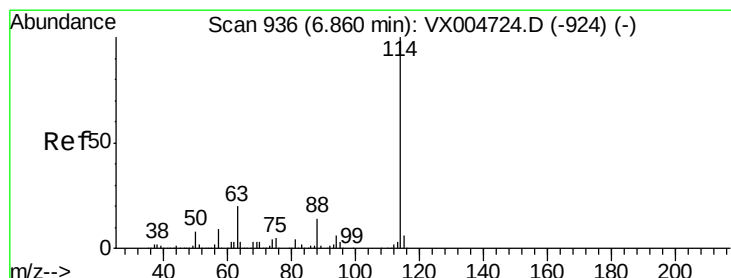
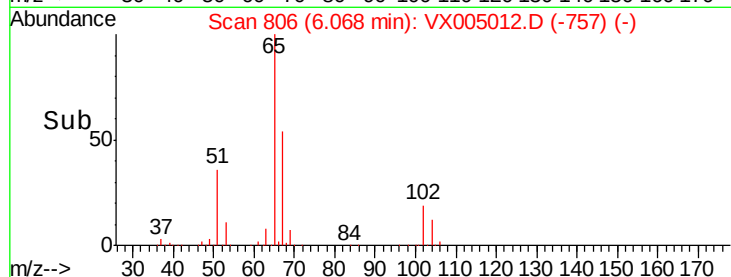
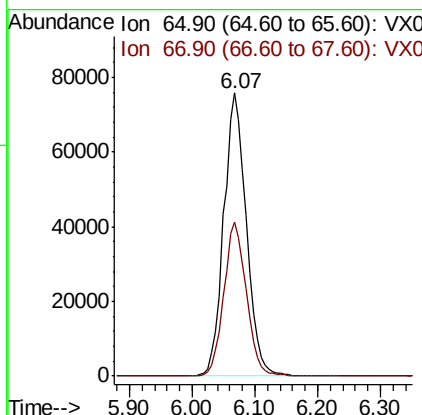
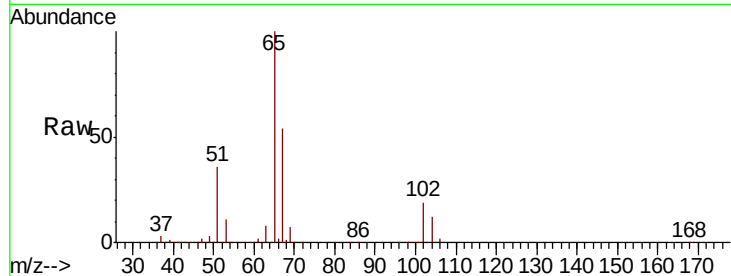




#33
 1,2-Dichloroethane-d4
 Concen: 52.363 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005012.D
 Acq: 04 Oct 2018 11:21

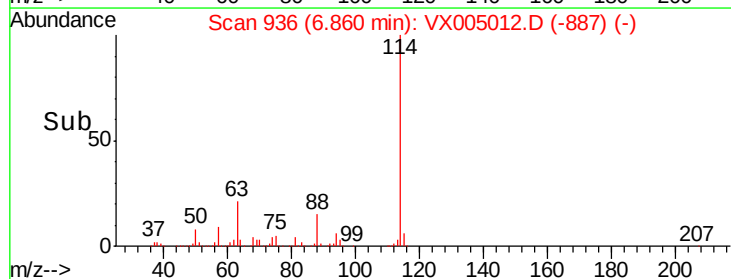
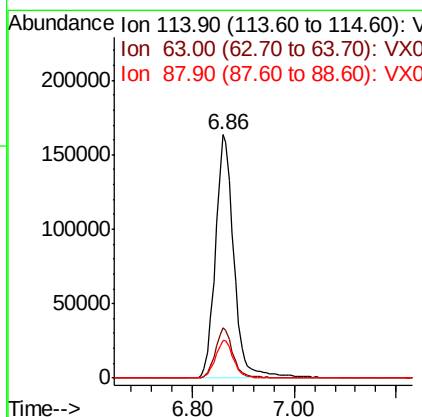
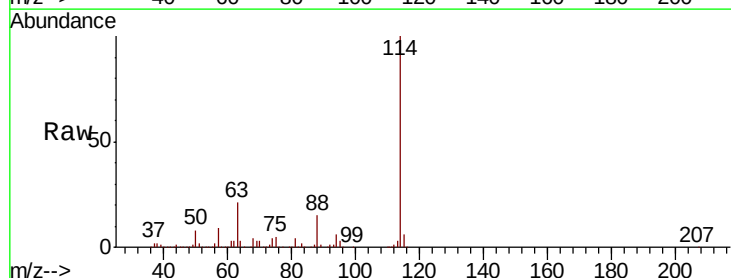
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#04

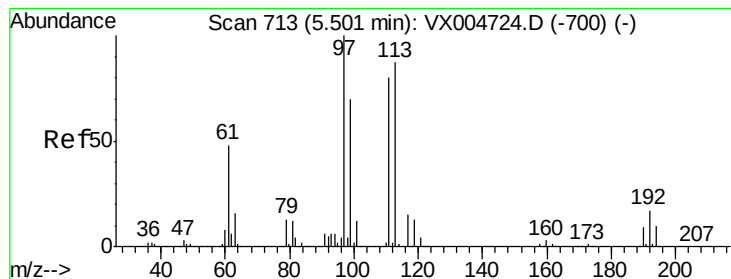
Tot Ion: 65 Resp: 189148
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005012.D
 Acq: 04 Oct 2018 11:21

Tgt Ion: 114 Resp: 411568
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 15.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 46.182 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005012.D

Acq: 04 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#04

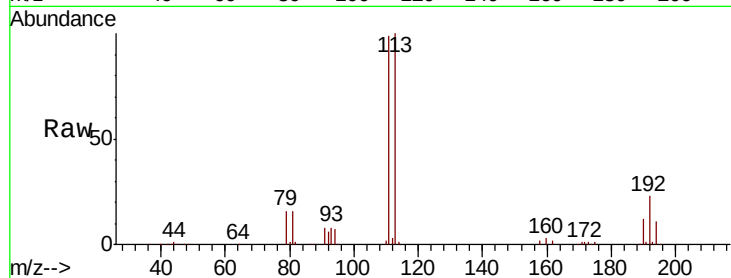
Tot Ion:113 Resp: 161087

Ion Ratio Lower Upper

113 100

111 100.8 77.0 115.4

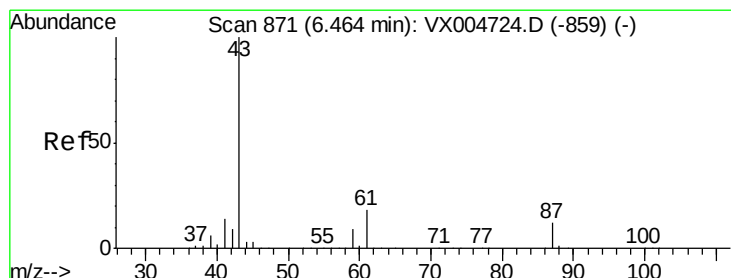
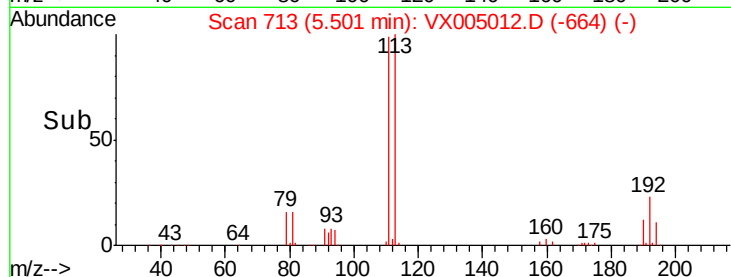
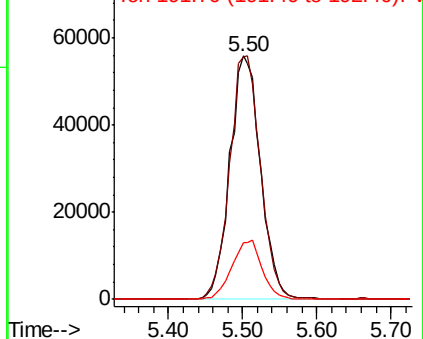
192 24.0 17.0 25.6



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: 24.860 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005012.D

Acq: 04 Oct 2018 11:21

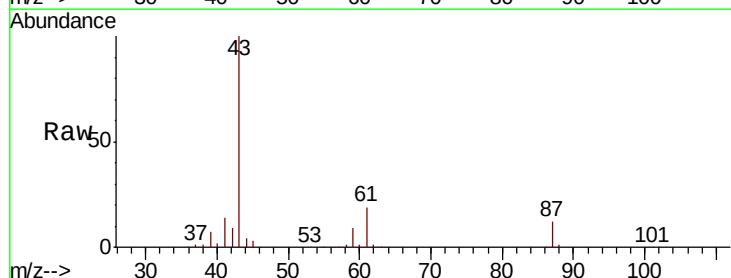
Tgt Ion: 43 Resp: 226670

Ion Ratio Lower Upper

43 100

61 19.1 14.2 21.4

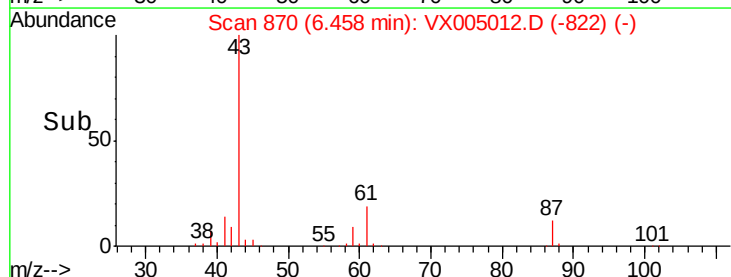
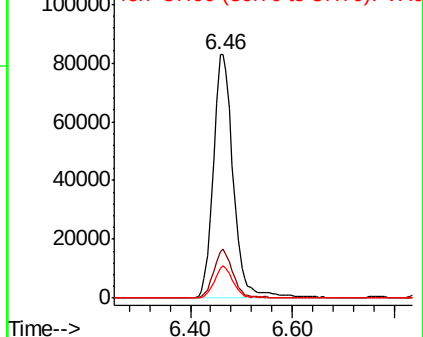
87 12.2 9.3 13.9

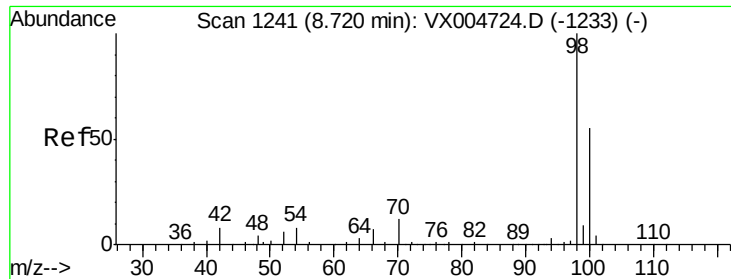


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

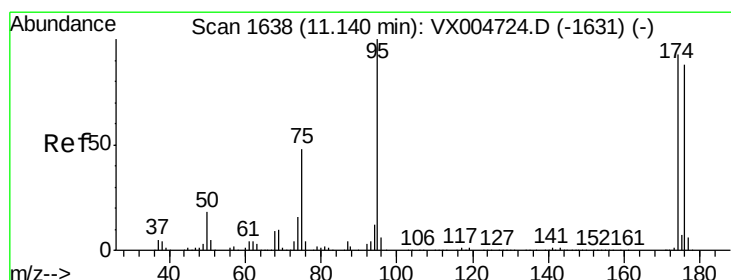
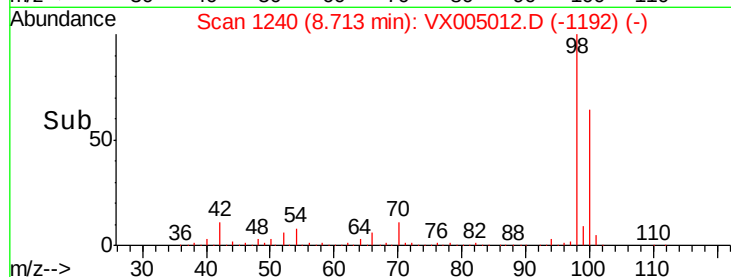
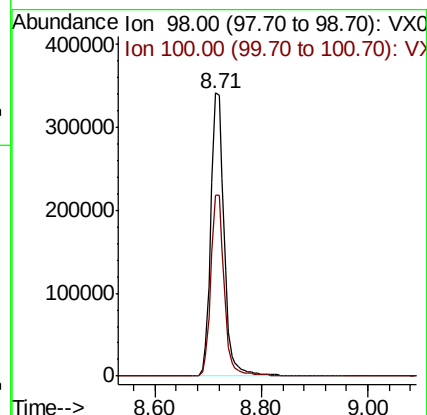
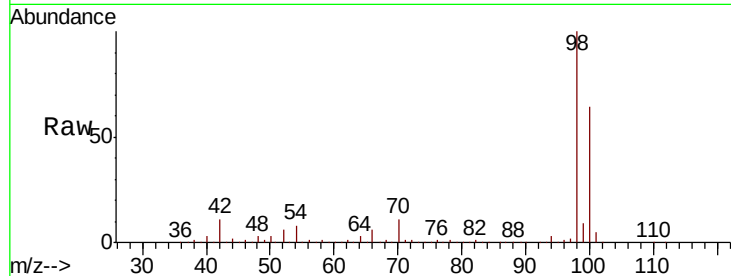




#50
Toluene-d8
Concen: 50.323 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

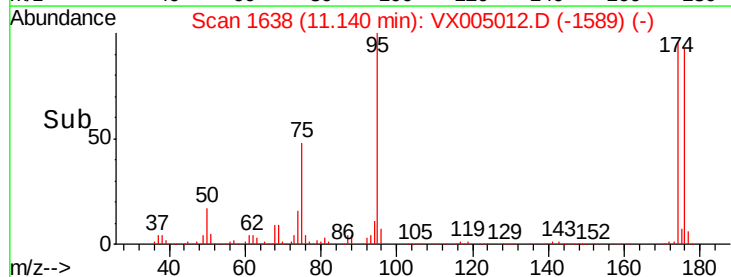
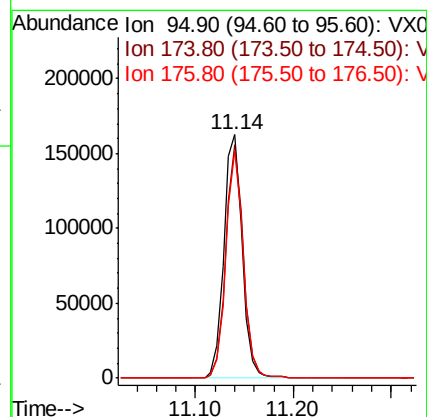
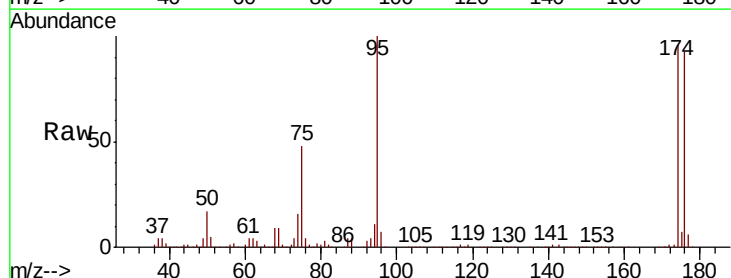
Instrument :
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PB113446ZHE#04

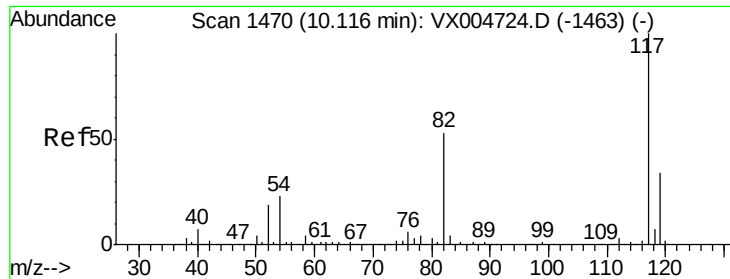
Tot Ion: 98 Resp: 583550
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.580 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 95 Resp: 211302
Ion Ratio Lower Upper
95 100
174 91.6 0.0 185.0
176 88.6 0.0 180.2

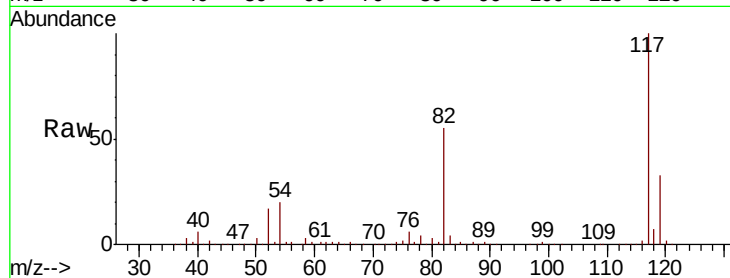




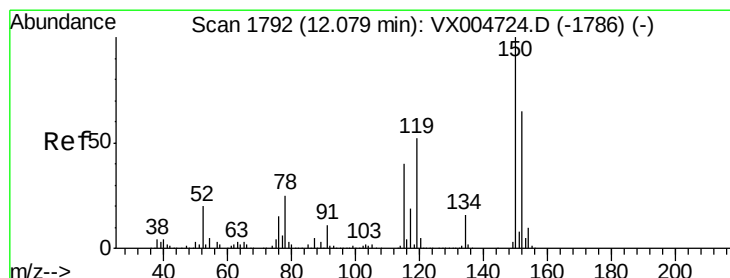
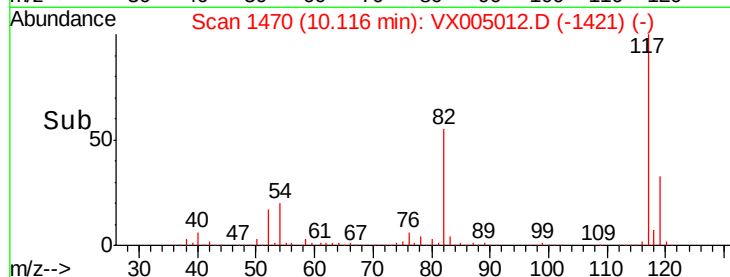
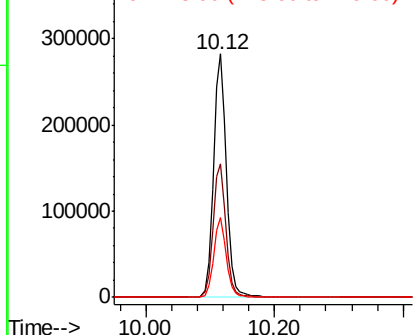
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tot Ion:117 Resp: 396823
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 32.7 27.4 41.0

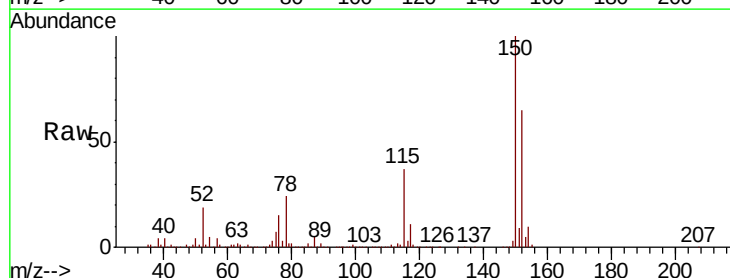


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

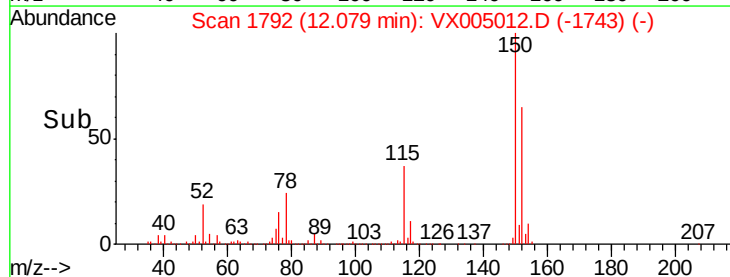
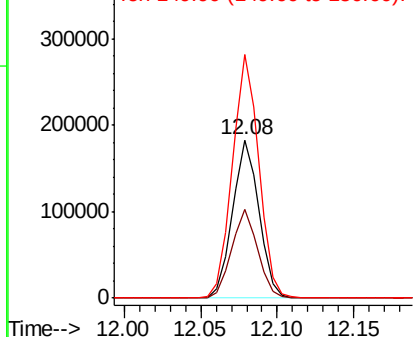


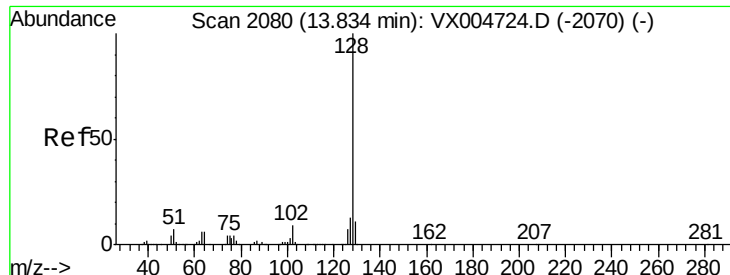
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion:152 Resp: 217732
Ion Ratio Lower Upper
152 100
115 55.3 40.2 120.6
150 154.5 0.0 351.0



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





#95
Naphthalene
Concen: 12.532 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

