

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004455.D
 Acq On : 10 Sep 2018 18:08
 Operator : JC/MD
 Sample : PB112704ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704ZHE#12

Quant Time: Sep 11 02:01:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

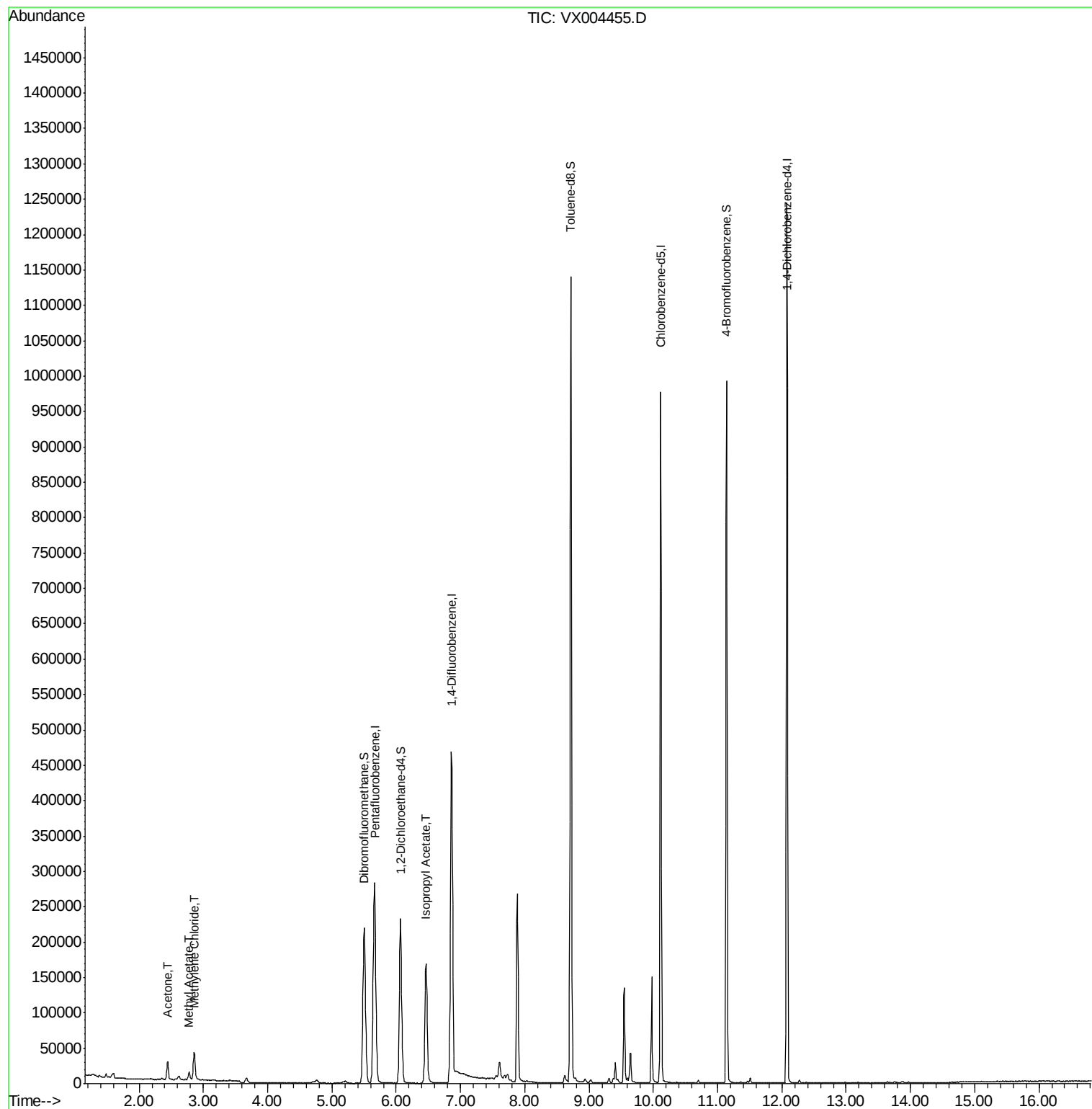
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	458586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211681	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
35) Dibromofluoromethane	5.50	113	187845	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	8.72	98	707031	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.14	95	249141	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
Target Compounds						
16) Acetone	2.45	43	27729	9.90	ug/l	92
18) Methyl Acetate	2.78	43	13108	2.30	ug/l	99
20) Methylene Chloride	2.85	84	18609	5.02	ug/l	98
43) Isopropyl Acetate	6.46	43	216512	26.17	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004455.D

Acq: 10 Sep 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

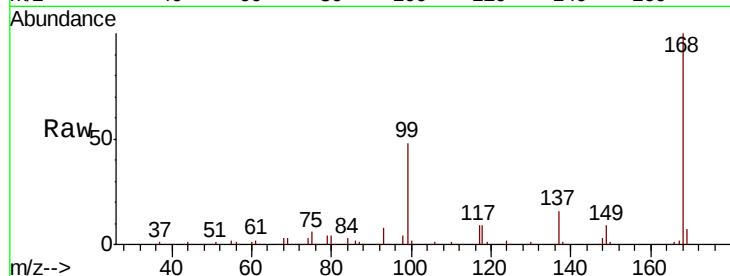
PB112704ZHE#12

Tot Ion:168 Resp: 295246

Ion Ratio Lower Upper

168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

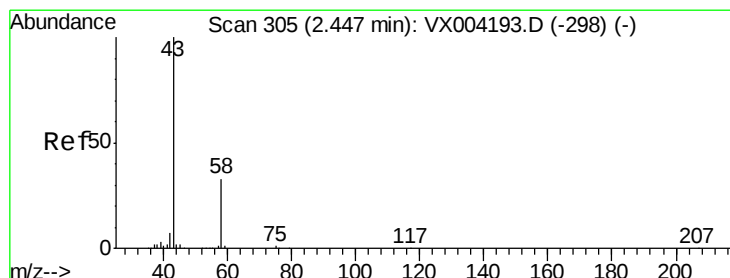
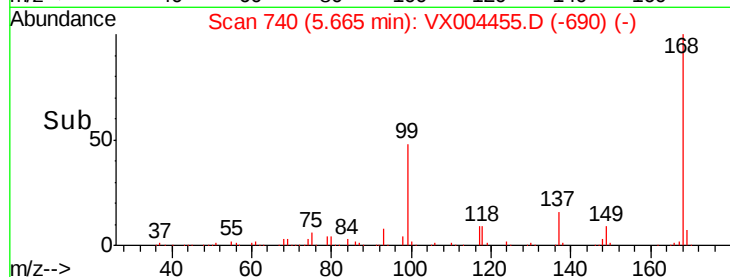
40000

20000

0

Time-->

5.60 5.80



#16

Acetone

Concen: 9.90 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004455.D

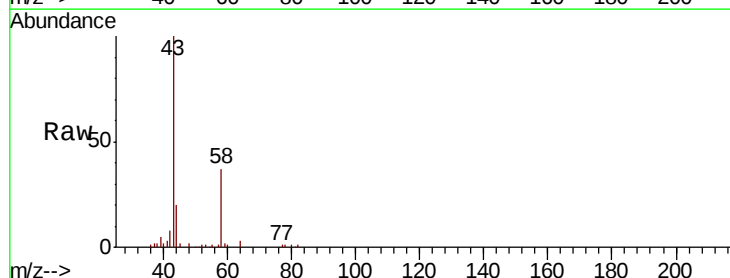
Acq: 10 Sep 2018 18:08

Tgt Ion: 43 Resp: 27729

Ion Ratio Lower Upper

43 100

58 37.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

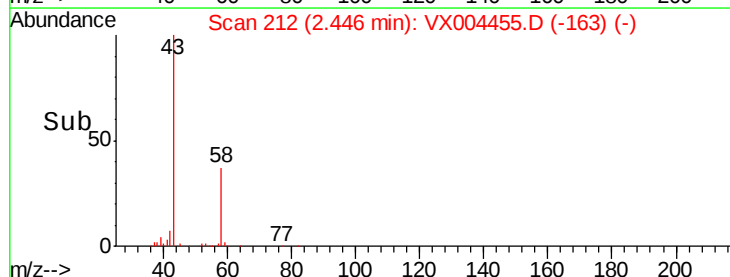
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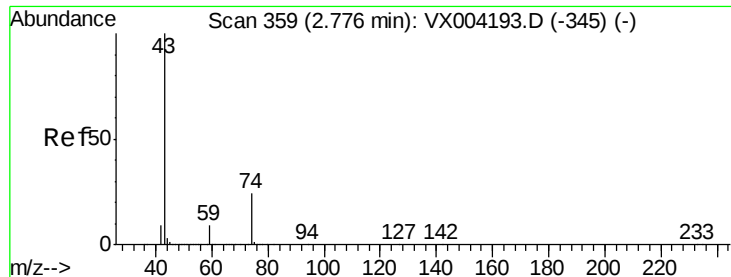
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

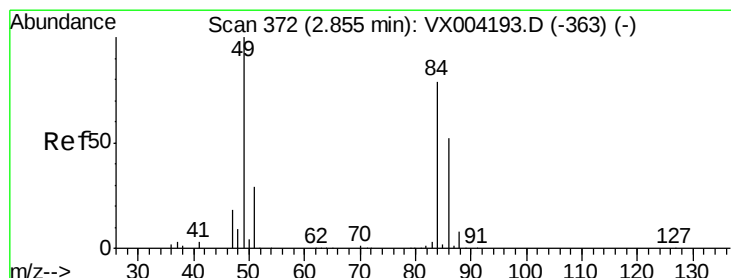
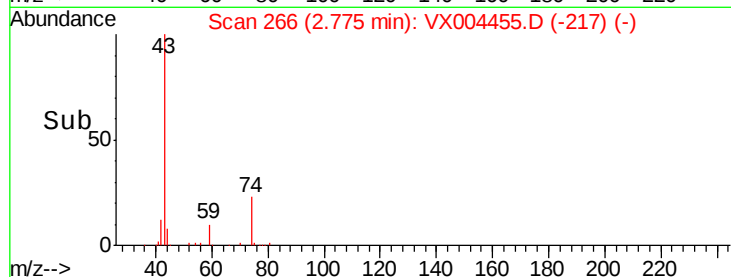
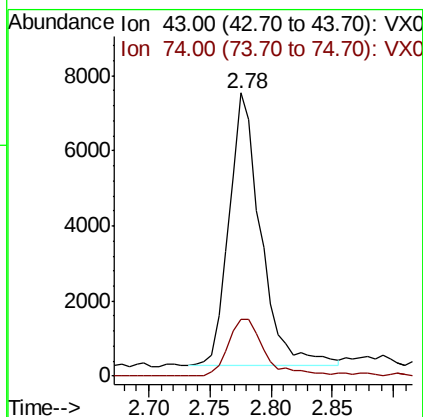
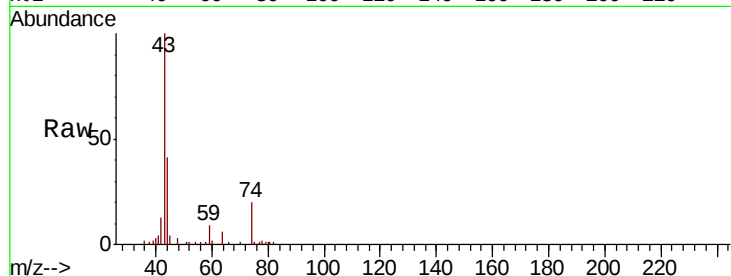




#18
Methvl Acetate
Concen: 2.30 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004455.D
Acq: 10 Sep 2018 18:08

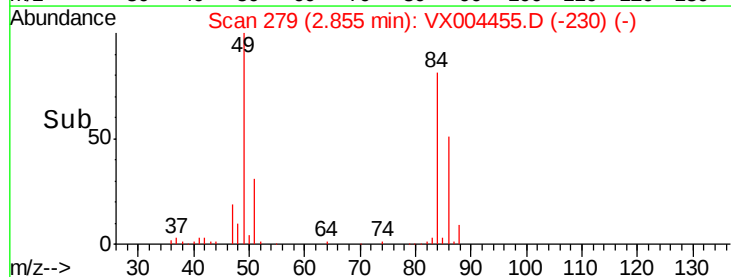
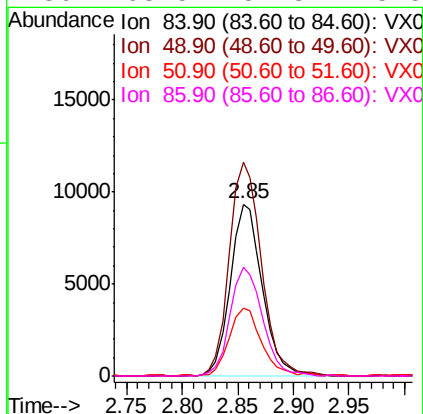
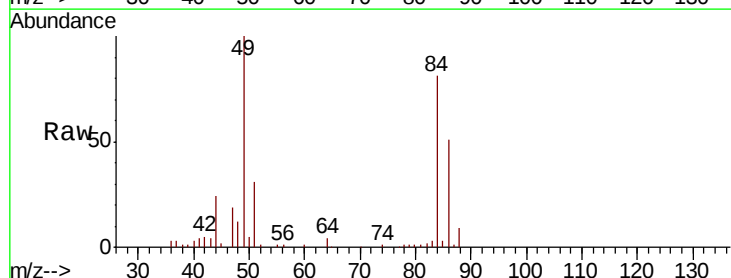
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#12

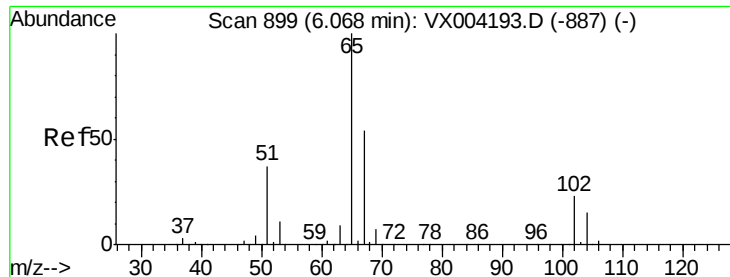
Tot Ion: 43 Resp: 13108
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2



#20
Methylene Chloride
Concen: 5.02 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004455.D
Acq: 10 Sep 2018 18:08

Tgt Ion: 84 Resp: 18609
Ion Ratio Lower Upper
84 100
49 124.2 101.2 151.8
51 38.3 29.5 44.3
86 63.5 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 55.01 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004455.D

Acq: 10 Sep 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

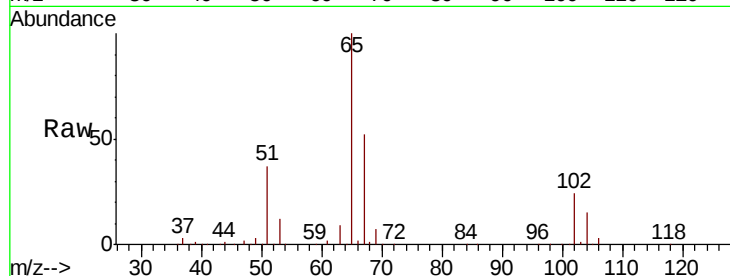
PB112704ZHE#12

Tot Ion: 65 Resp: 211681

Ion Ratio Lower Upper

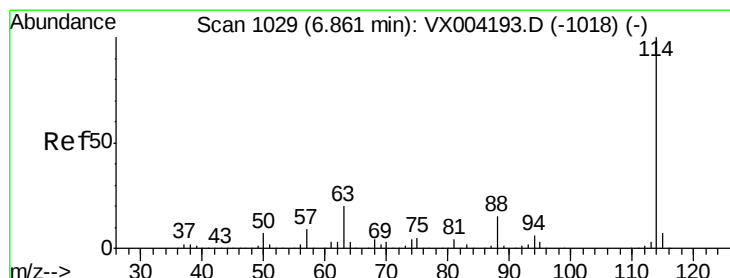
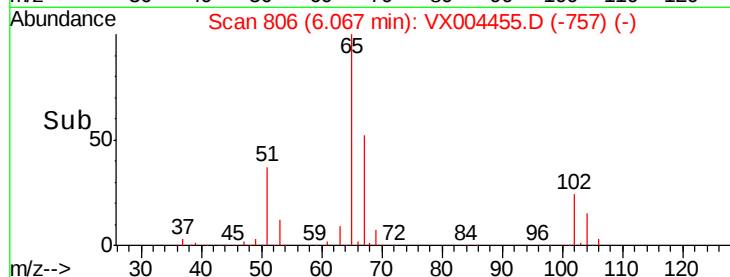
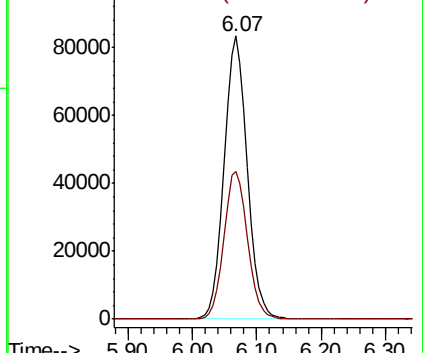
65 100

67 53.4 0.0 106.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004455.D

Acq: 10 Sep 2018 18:08

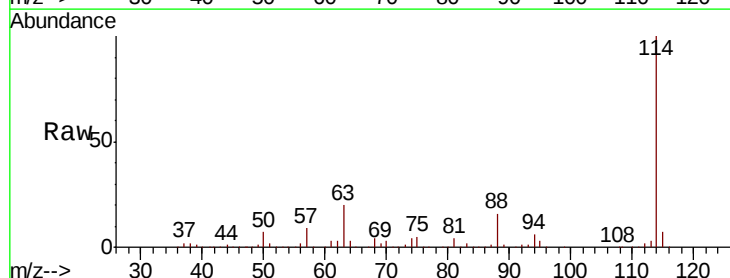
Tgt Ion: 114 Resp: 486943

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

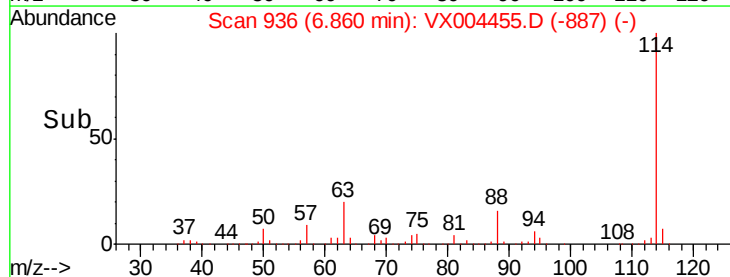
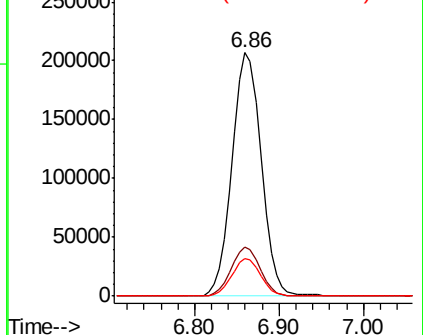
88 15.7 0.0 30.4

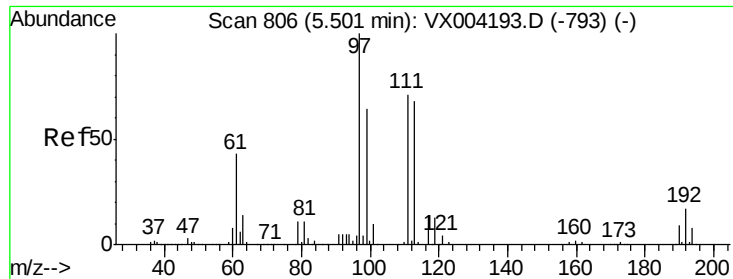


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

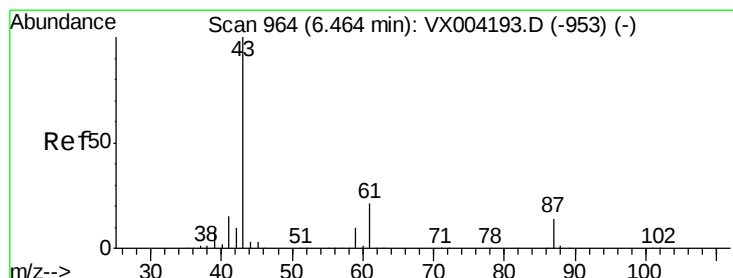
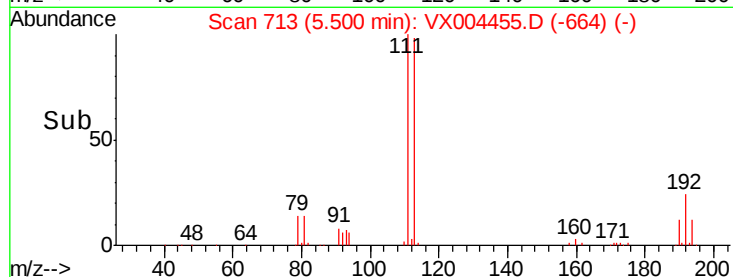
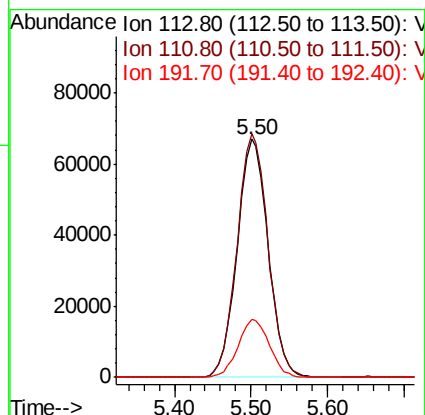
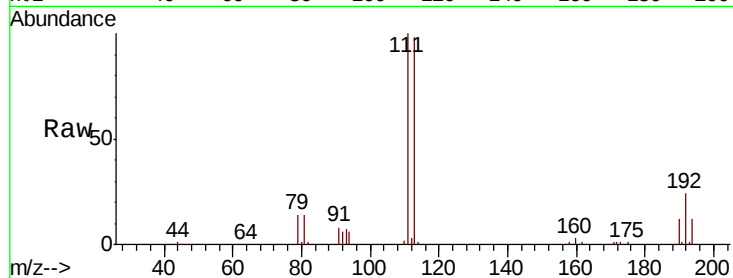




#35
 Dibromofluoromethane
 Concen: 51.85 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004455.D
 Acq: 10 Sep 2018 18:08

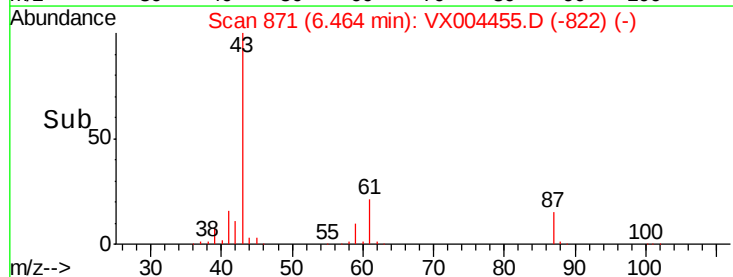
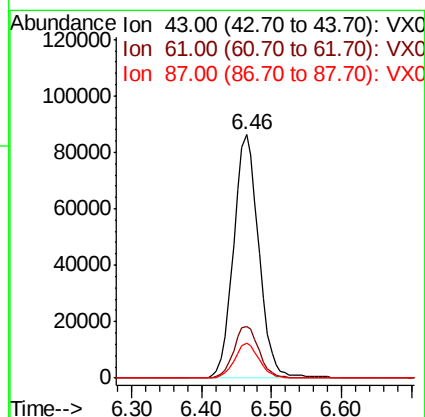
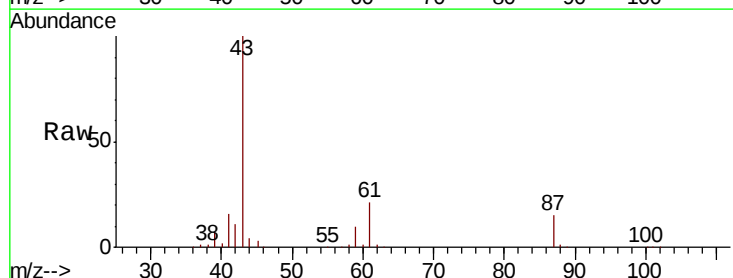
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704ZHE#12

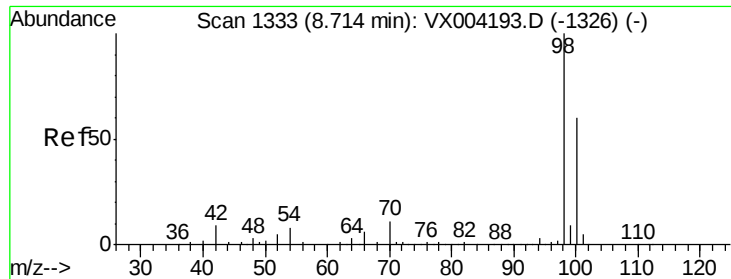
Tot Ion:113 Resp: 187845
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.5 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 26.17 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004455.D
 Acq: 10 Sep 2018 18:08

Tgt Ion: 43 Resp: 216512
 Ion Ratio Lower Upper
 43 100
 61 21.4 17.0 25.4
 87 13.9 11.4 17.2

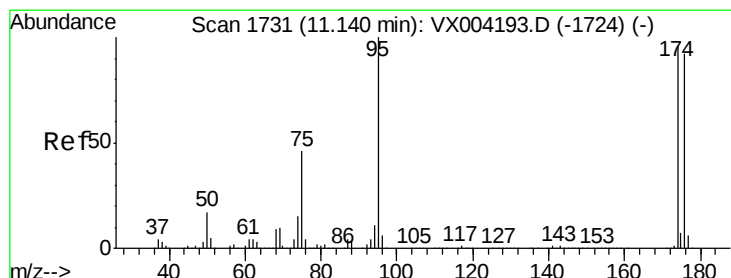
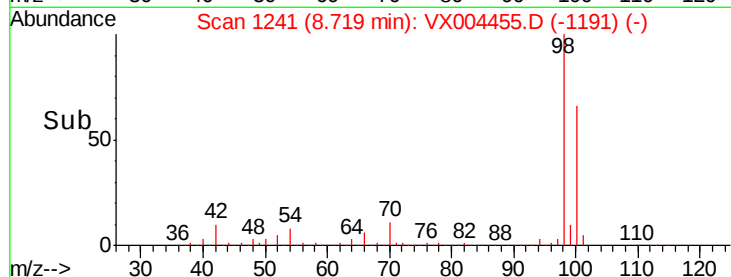
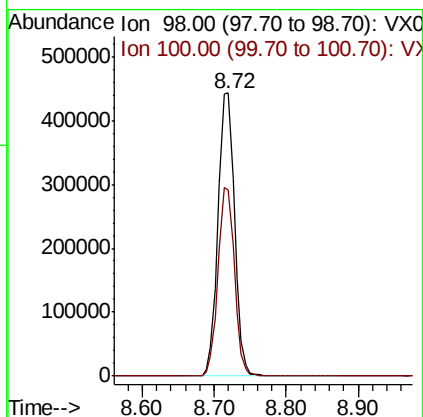
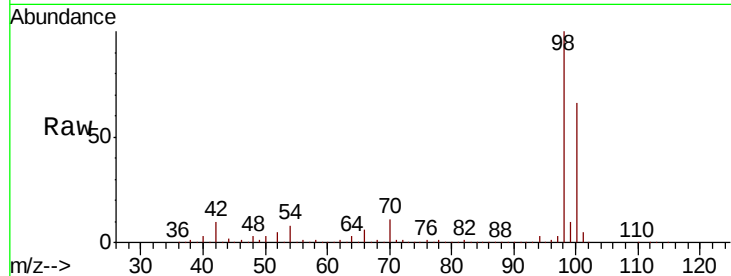




#50
Toluene-d8
Concen: 51.71 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX004455.D
Acq: 10 Sep 2018 18:08

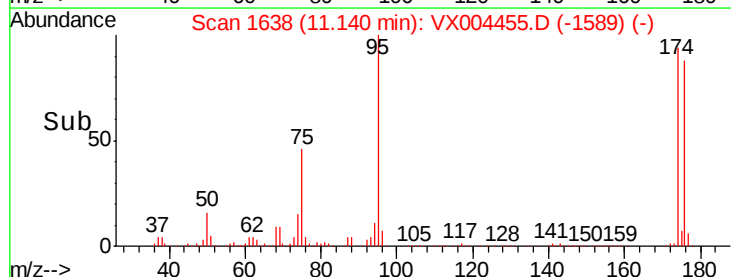
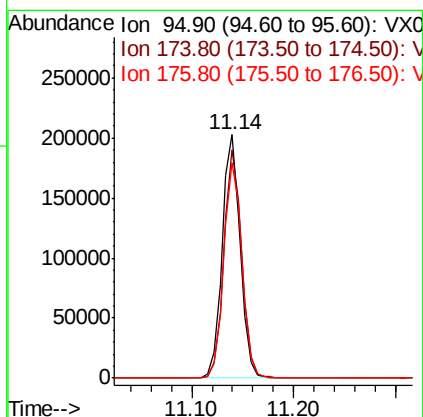
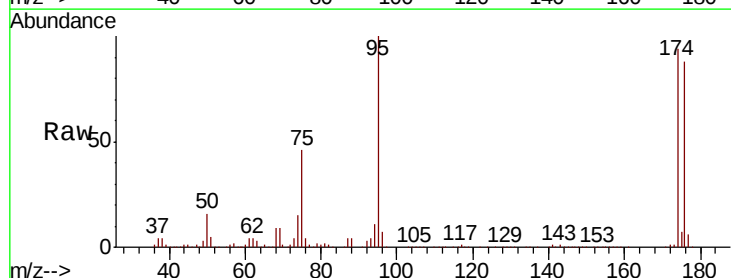
Instrument :
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ClientSampleId :
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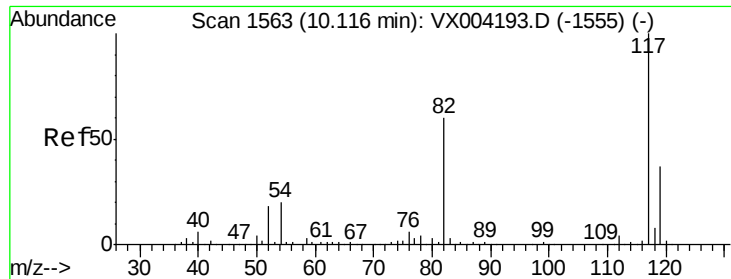
Tot Ion: 98 Resp: 707031
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.83 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004455.D
Acq: 10 Sep 2018 18:08

Tgt Ion: 95 Resp: 249141
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.2
176 89.3 0.0 178.6

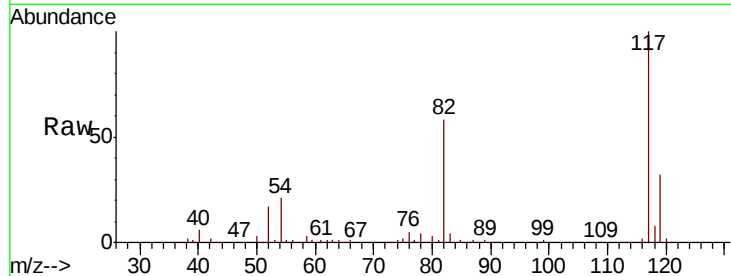




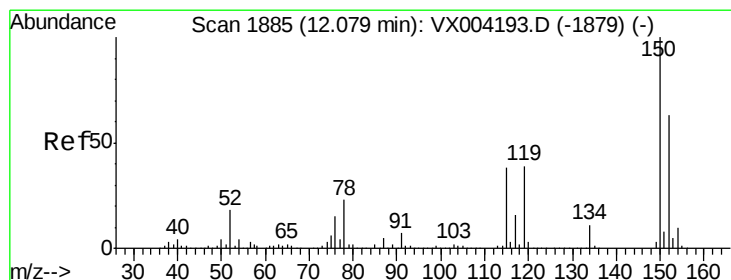
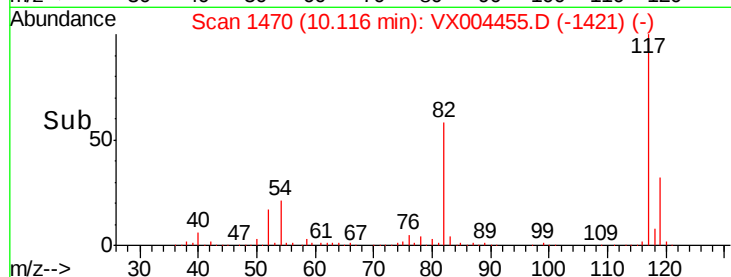
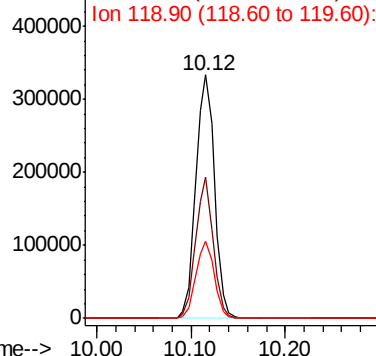
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004455.D
Acq: 10 Sep 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#12

Tot Ion:117 Resp: 458586
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.6
119 31.8 29.3 43.9

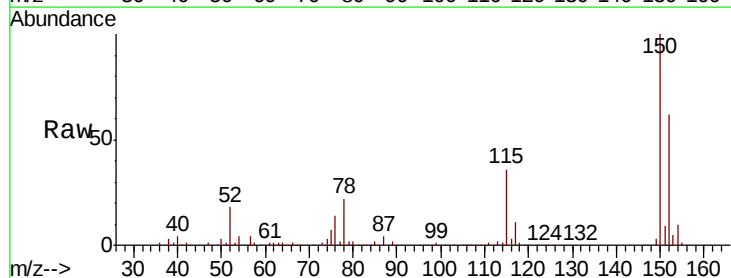


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004455.D
Acq: 10 Sep 2018 18:08

Tgt Ion:152 Resp: 261254
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 156.8 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

