

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004634.D
 Acq On : 17 Sep 2018 22:12
 Operator : JC/MD
 Sample : PB112894ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#09

Quant Time: Sep 18 01:49:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

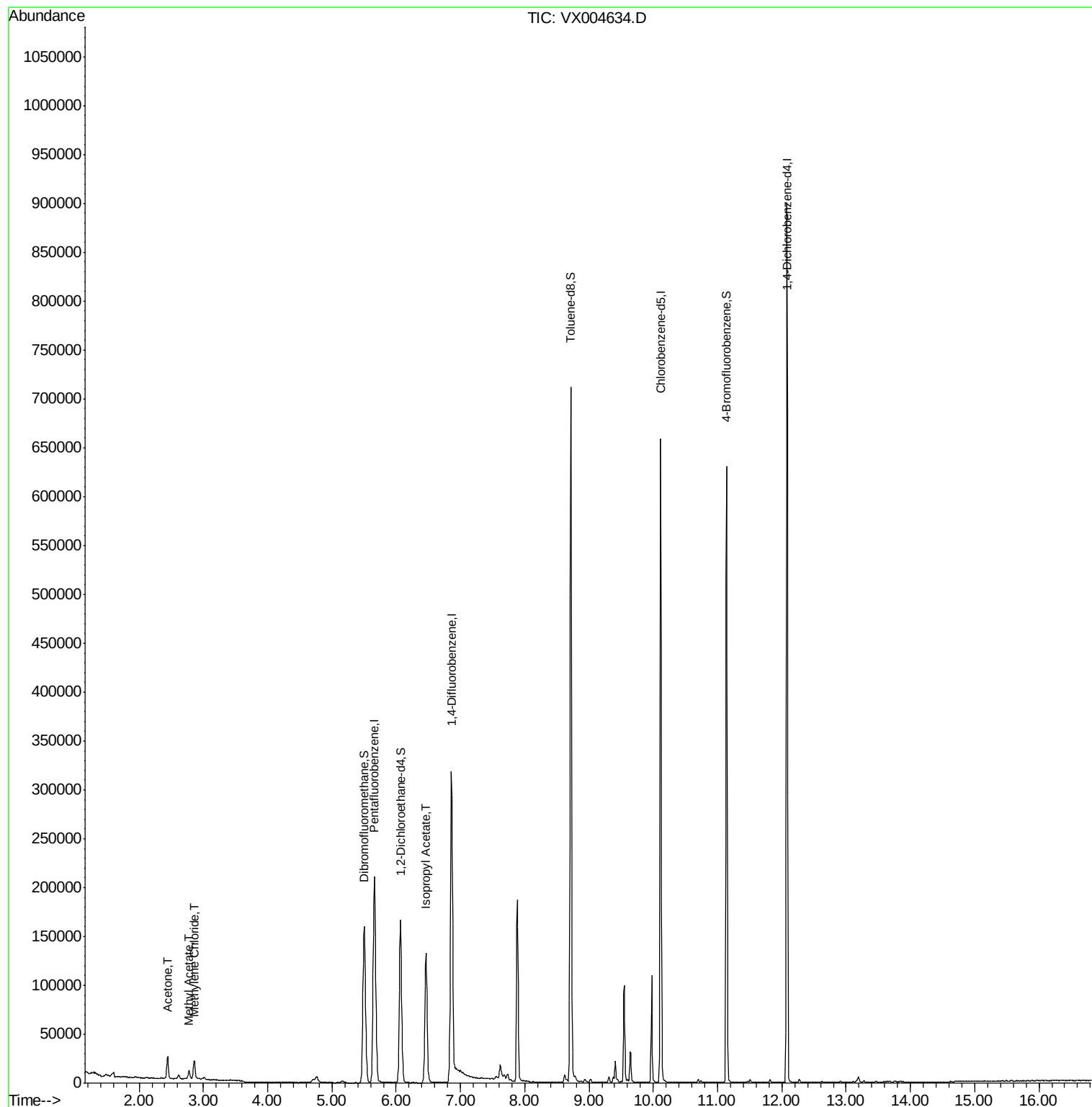
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155155	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	5.50	113	140850	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	8.72	98	449116	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
62) 4-Bromofluorobenzene	11.14	95	154210	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
16) Acetone	2.45	43	23648	17.20	ug/l	98
18) Methyl Acetate	2.78	43	10759	2.79	ug/l	98
20) Methylene Chloride	2.85	84	9222	3.27	ug/l	95
43) Isopropyl Acetate	6.46	43	167233	27.87	ug/l	98

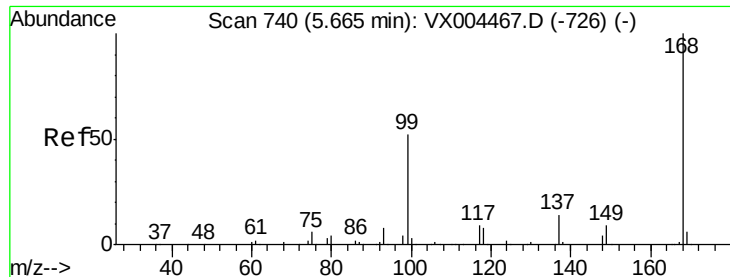
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004634.D

Acq: 17 Sep 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

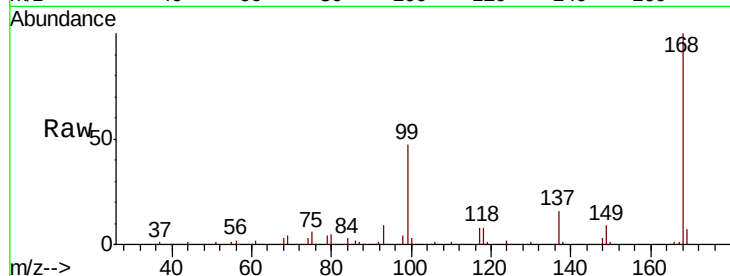
PB112894ZHE#09

Tot Ion:168 Resp: 218488

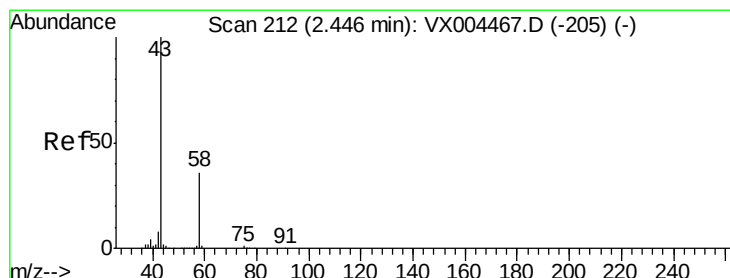
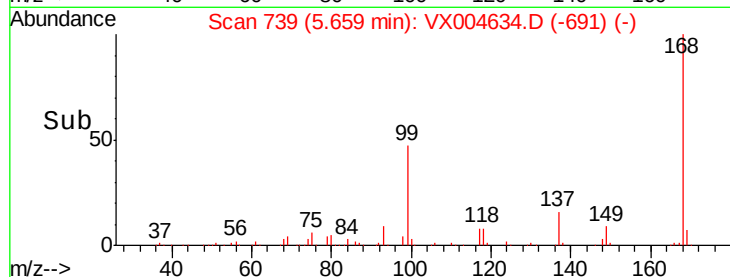
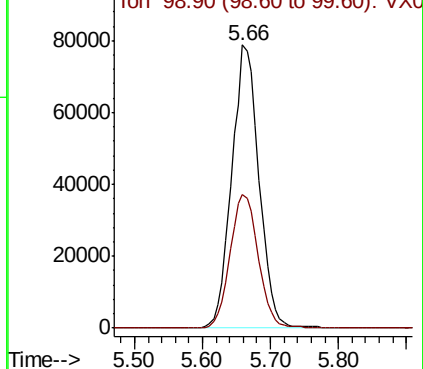
Ion Ratio Lower Upper

168 100

99 47.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 17.20 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004634.D

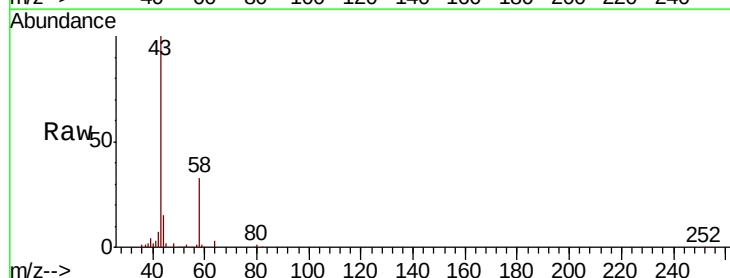
Acq: 17 Sep 2018 22:12

Tgt Ion: 43 Resp: 23648

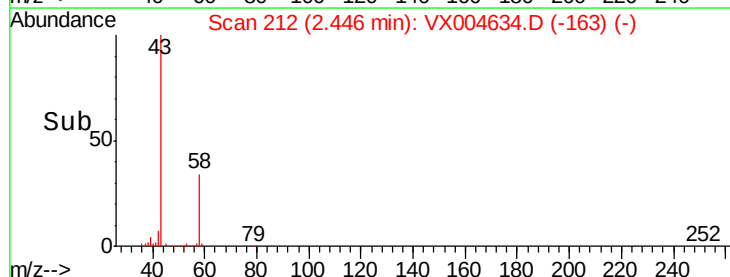
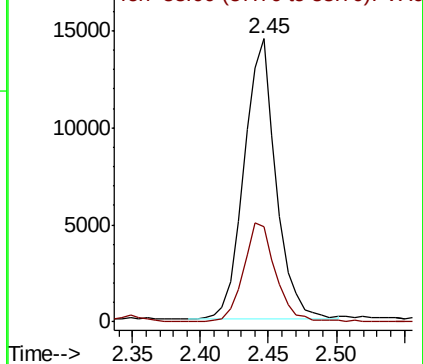
Ion Ratio Lower Upper

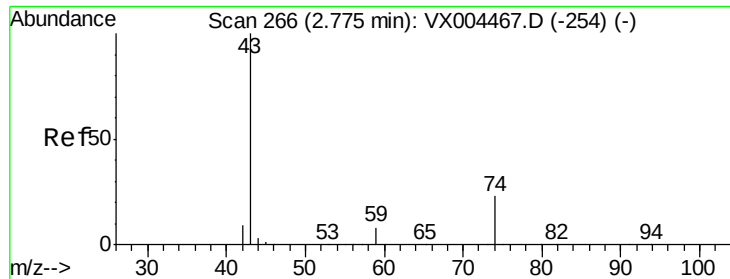
43 100

58 33.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

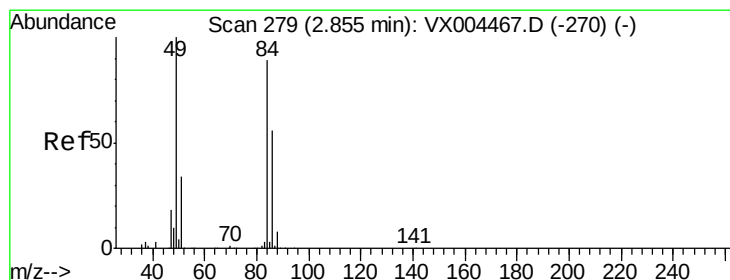
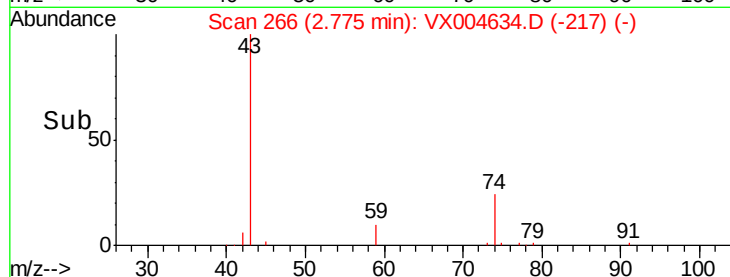
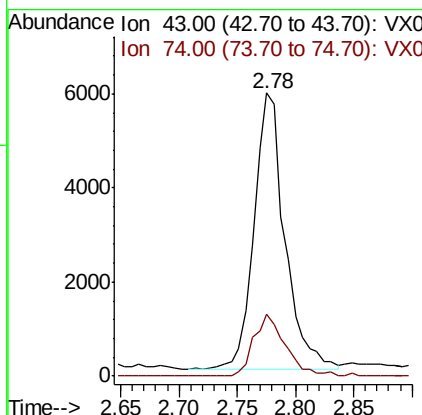
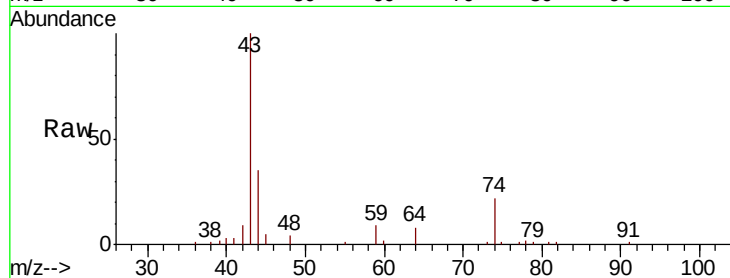




#18
Methvl Acetate
Concen: 2.79 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004634.D
Acq: 17 Sep 2018 22:12

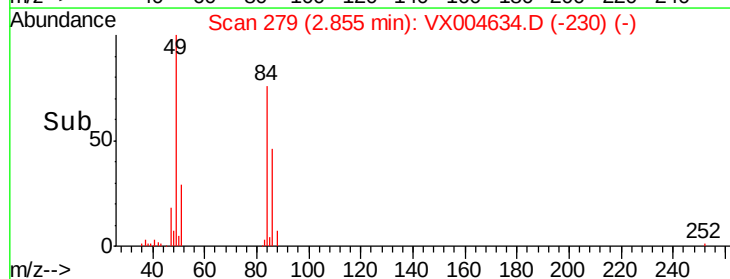
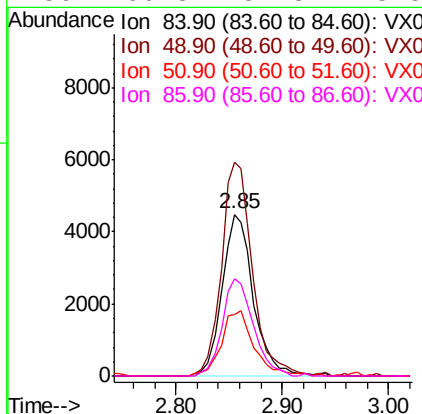
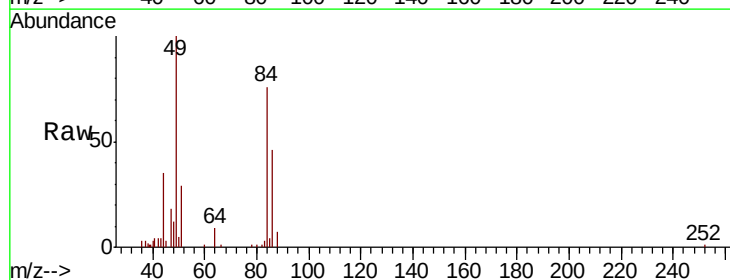
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#09

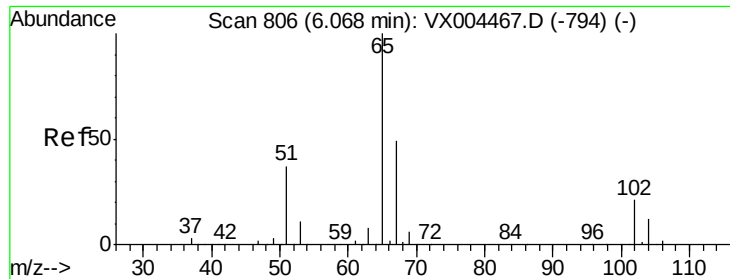
Tot Ion: 43 Resp: 10759
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2



#20
Methylene Chloride
Concen: 3.27 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004634.D
Acq: 17 Sep 2018 22:12

Tgt Ion: 84 Resp: 9222
Ion Ratio Lower Upper
84 100
49 132.3 101.2 151.8
51 37.8 29.5 44.3
86 60.3 52.3 78.5

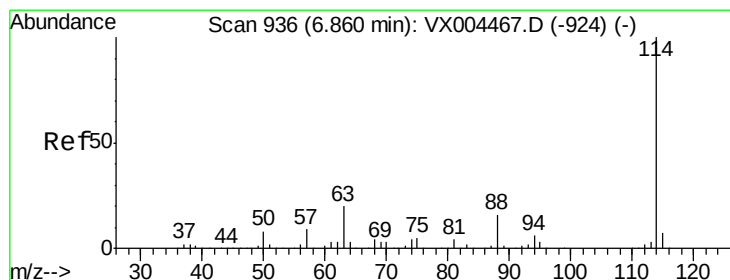
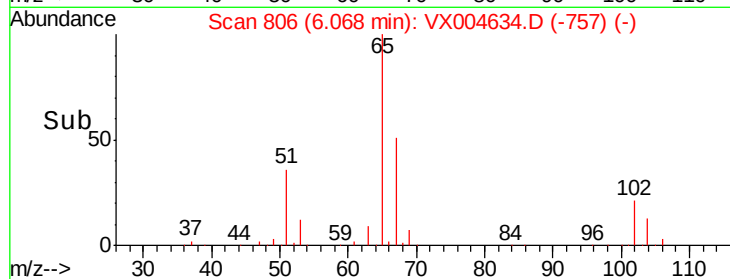
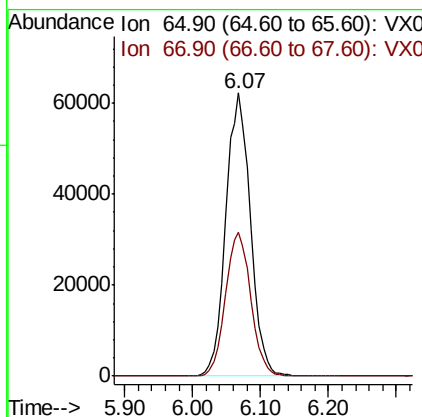
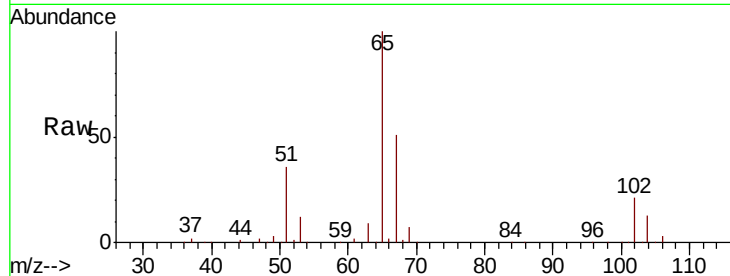




#33
 1,2-Dichloroethane-d4
 Concen: 55.07 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004634.D
 Acq: 17 Sep 2018 22:12

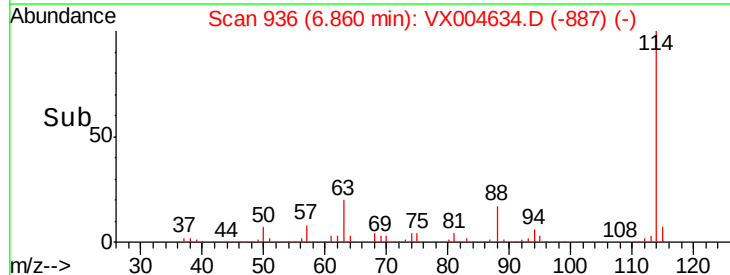
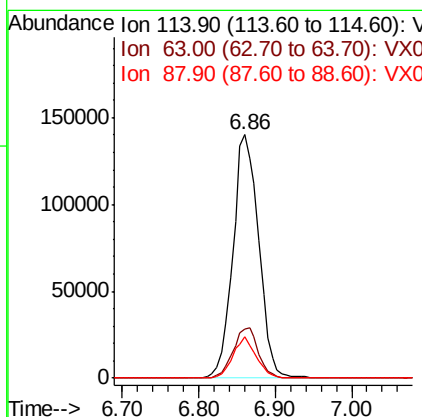
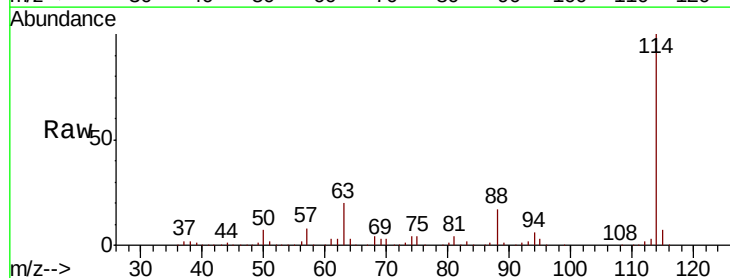
Instrument :
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 ClientSampleId :
 PB112894ZHE#09

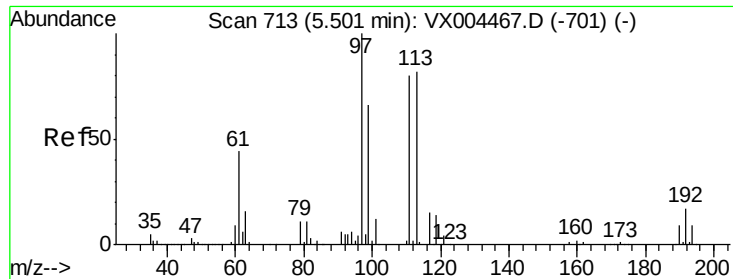
Tot Ion: 65 Resp: 155155
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004634.D
 Acq: 17 Sep 2018 22:12

Tgt Ion: 114 Resp: 327162
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 17.2 0.0 30.4

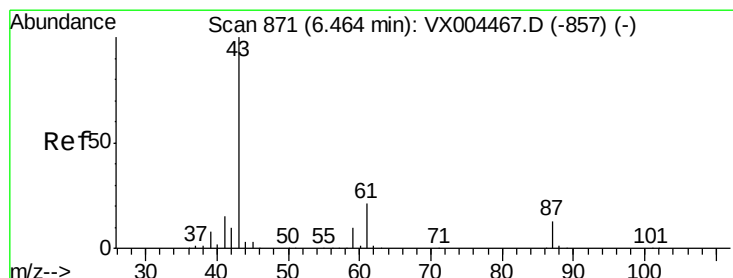
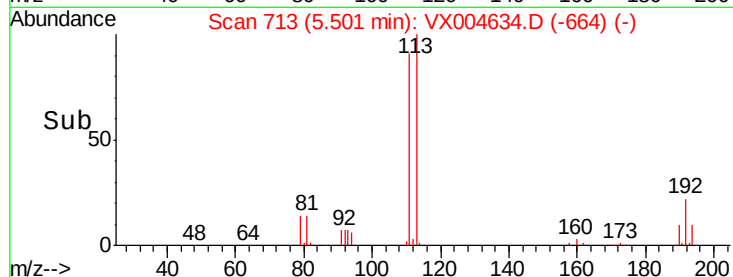
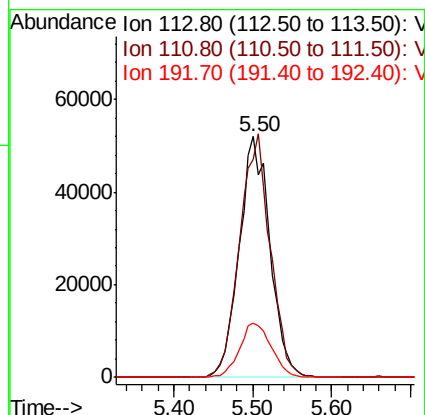
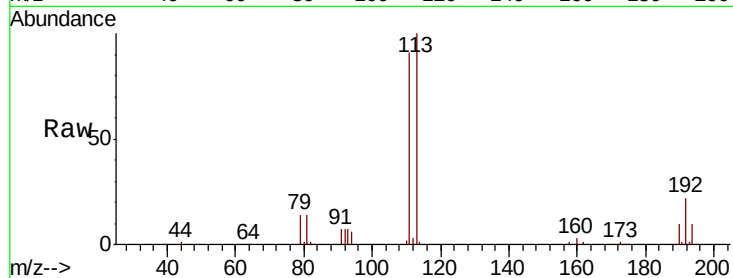




#35
 Dibromofluoromethane
 Concen: 47.05 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004634.D
 Acq: 17 Sep 2018 22:12

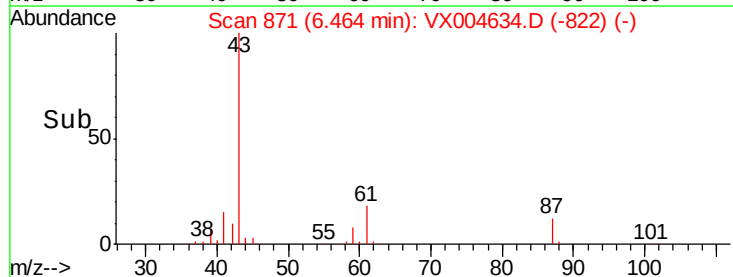
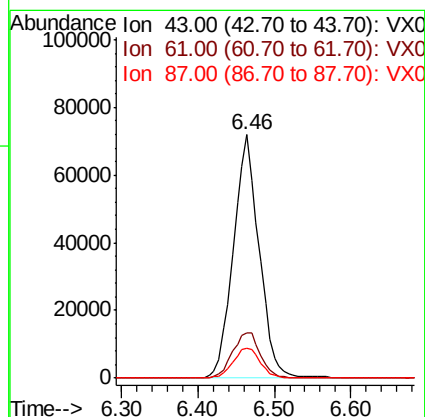
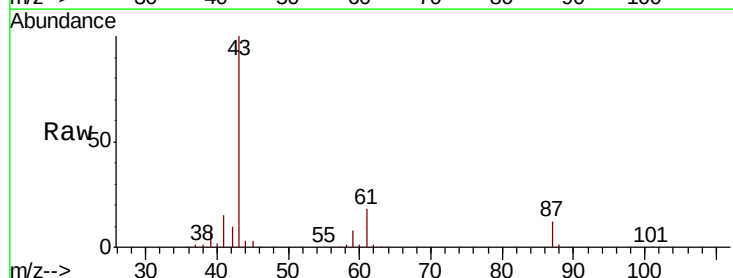
Instrument :
 MSVOA_X
 ClientSampleId :
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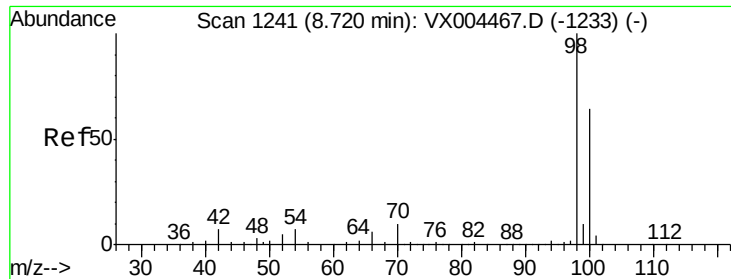
Tot Ion:113 Resp: 140850
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.4 123.6
 192 23.4 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 27.87 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004634.D
 Acq: 17 Sep 2018 22:12

Tgt Ion: 43 Resp: 167233
 Ion Ratio Lower Upper
 43 100
 61 20.2 17.0 25.4
 87 13.1 11.4 17.2

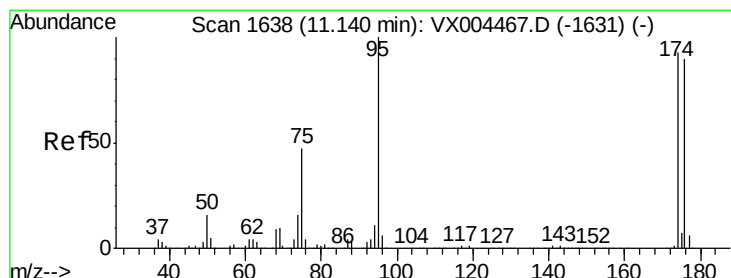
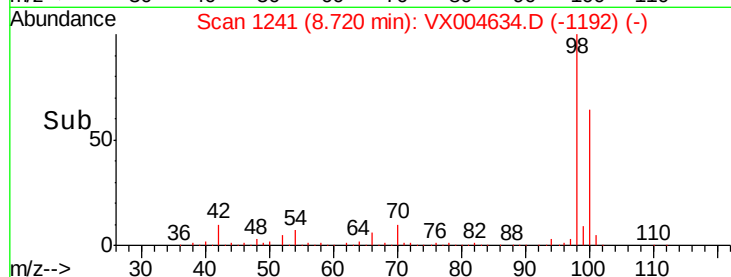
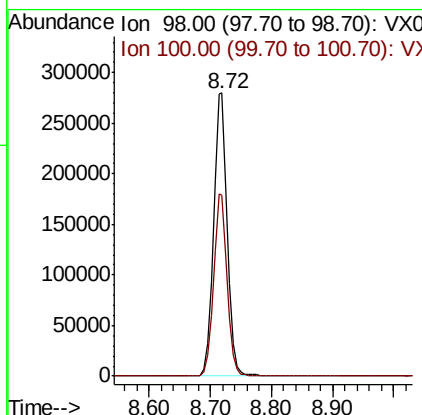
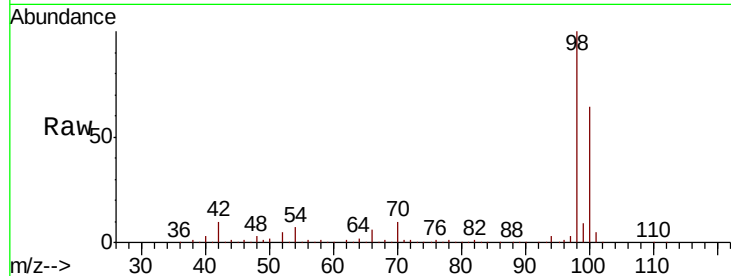




#50
Toluene-d8
Concen: 44.73 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004634.D
Acq: 17 Sep 2018 22:12

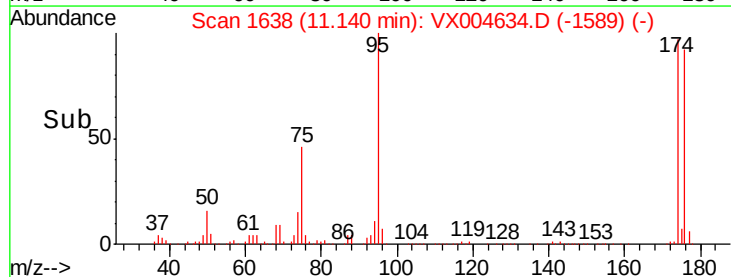
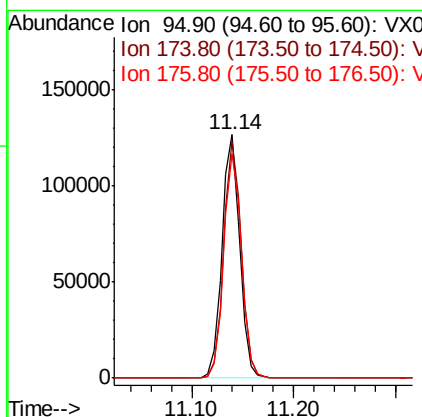
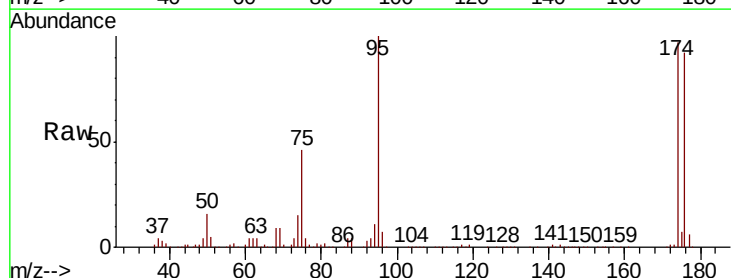
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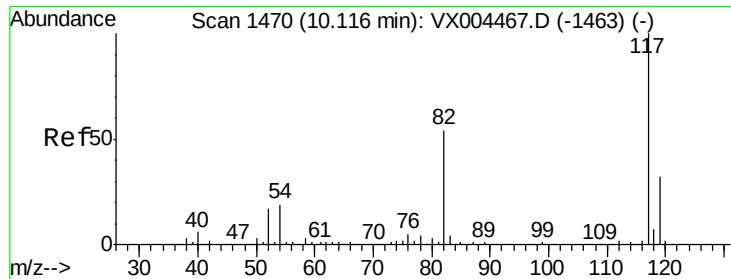
Tot Ion: 98 Resp: 449116
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.03 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004634.D
Acq: 17 Sep 2018 22:12

Tgt Ion: 95 Resp: 154210
Ion Ratio Lower Upper
95 100
174 96.5 0.0 185.2
176 92.4 0.0 178.6

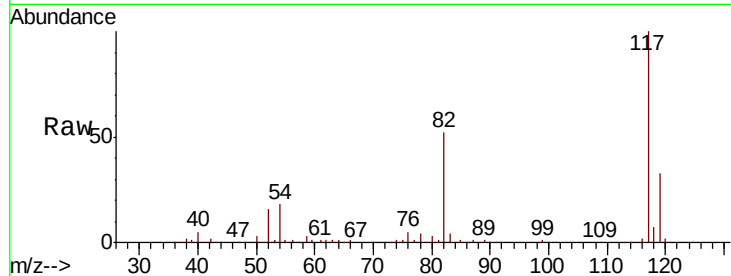




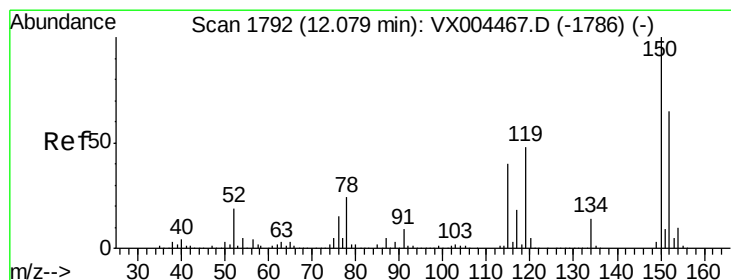
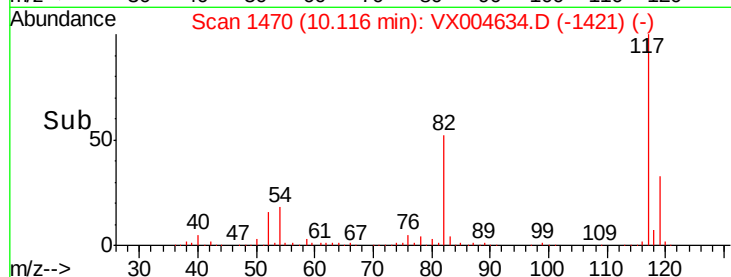
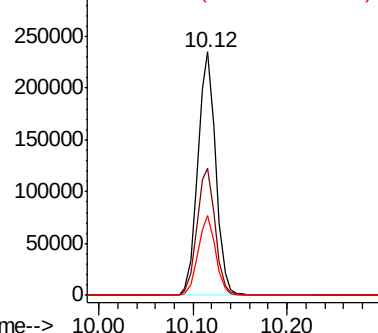
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004634.D
Acq: 17 Sep 2018 22:12

Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#09

Tot Ion:117 Resp: 308490
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.6
119 32.6 29.3 43.9

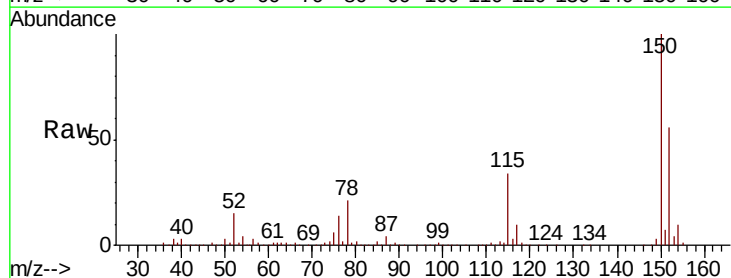


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004634.D
Acq: 17 Sep 2018 22:12

Tgt Ion:152 Resp: 189616
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 154.9 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

