

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004431.D
 Acq On : 08 Sep 2018 02:45
 Operator : JC/MD
 Sample : PB112672ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112672ZHE#07

Quant Time: Sep 08 05:50:18 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

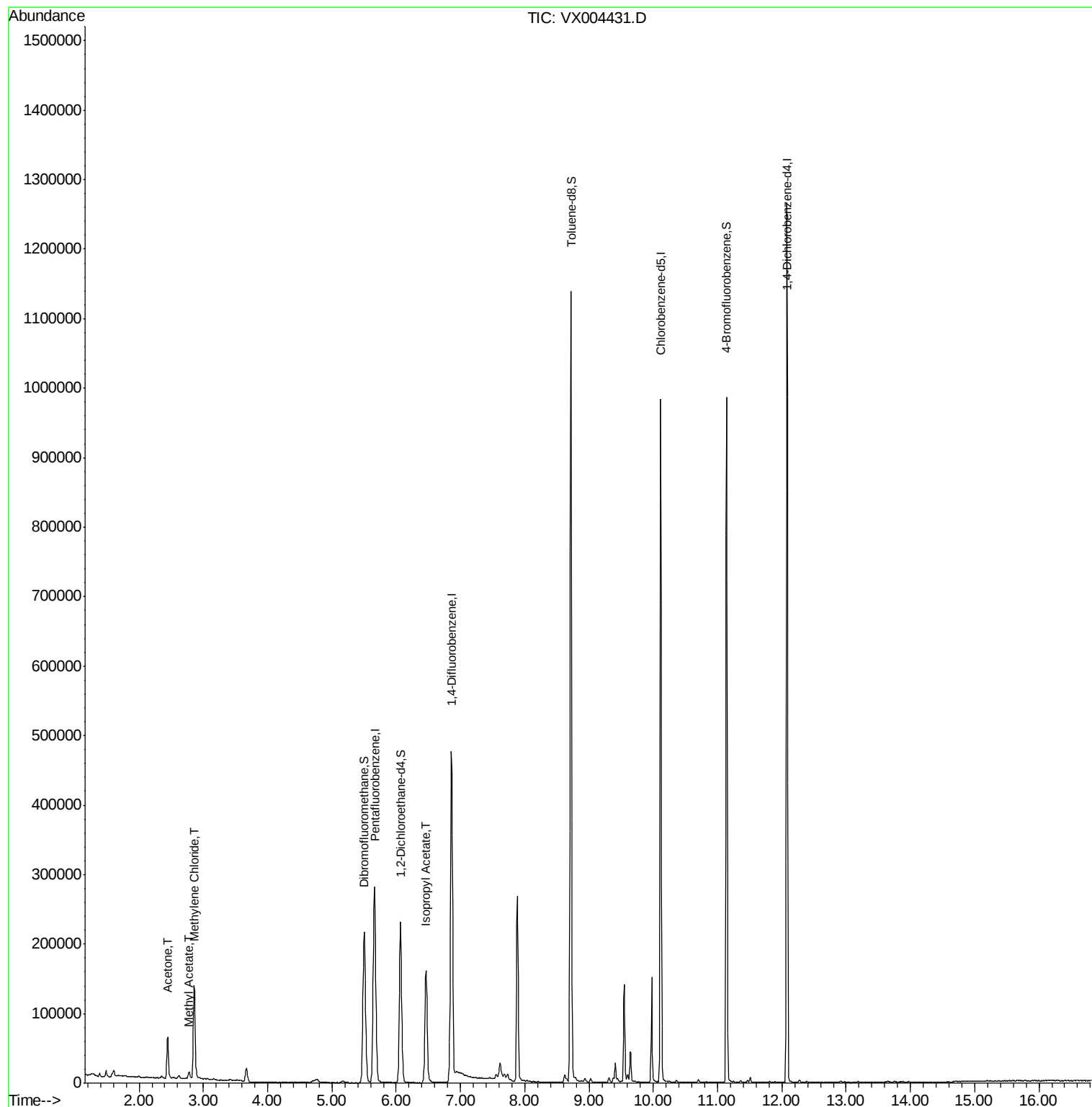
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	293865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	490699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210473	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	5.50	113	184922	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	8.72	98	693005	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.14	95	244554	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
16) Acetone	2.45	43	64581	34.34	ug/l	96
18) Methyl Acetate	2.78	43	13528	2.38	ug/l	97
20) Methylene Chloride	2.85	84	65600	17.79	ug/l	95
43) Isopropyl Acetate	6.46	43	207948	24.94	ug/l	100

(#) = 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. -0.00 min

Lab File: VX004431.D

Acq: 08 Sep 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

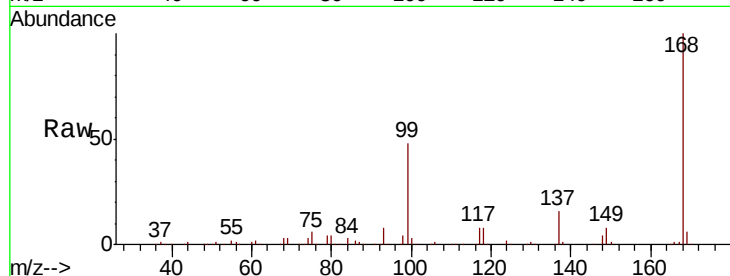
PB112672ZHE#07

Tot Ion:168 Resp: 293865

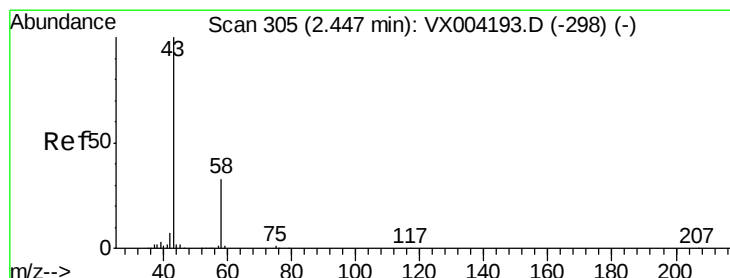
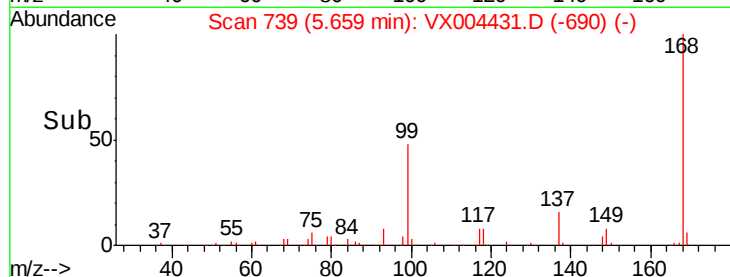
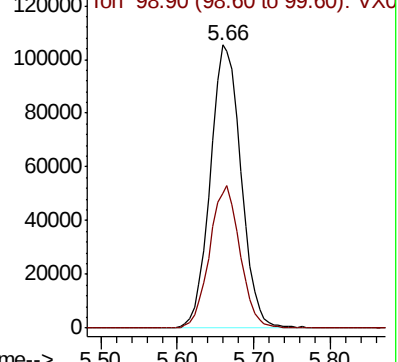
Ion Ratio Lower Upper

168 100

99 47.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004431.D (-690) (-)



#16

Acetone

Concen: 34.34 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004431.D

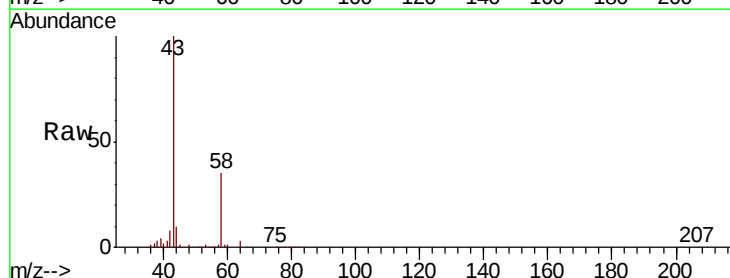
Acq: 08 Sep 2018 02:45

Tgt Ion: 43 Resp: 64581

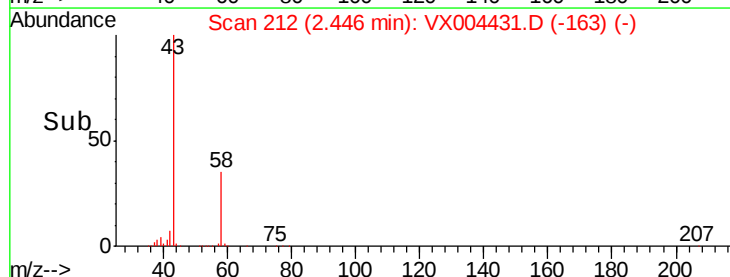
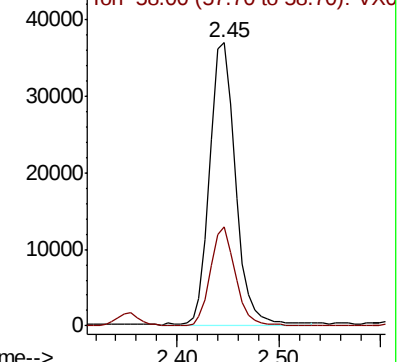
Ion Ratio Lower Upper

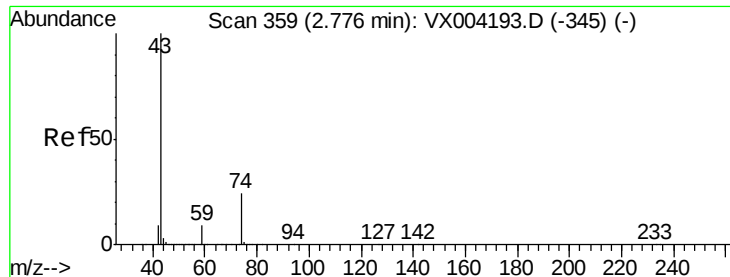
43 100

58 35.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX004431.D (-163) (-)

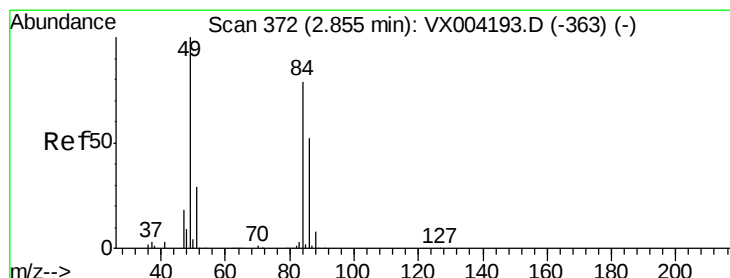
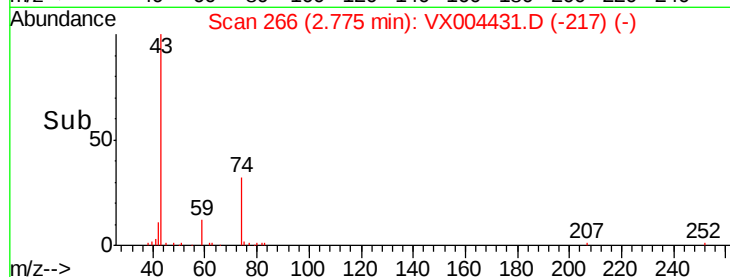
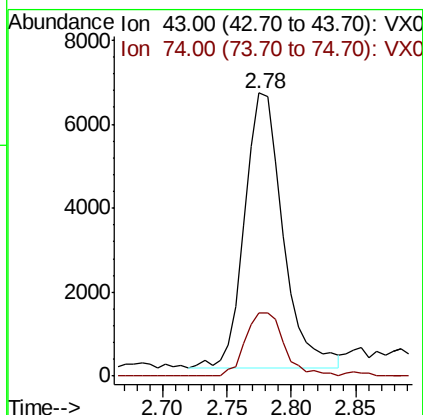
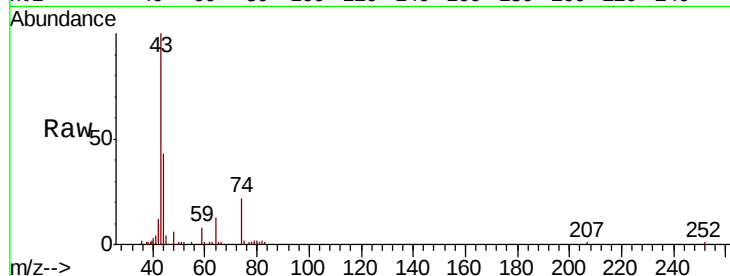




#18
Methvl Acetate
Concen: 2.38 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004431.D
Acq: 08 Sep 2018 02:45

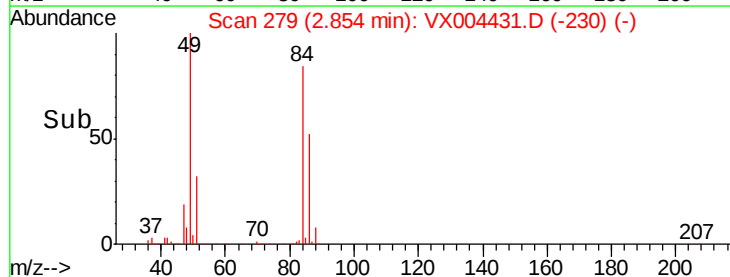
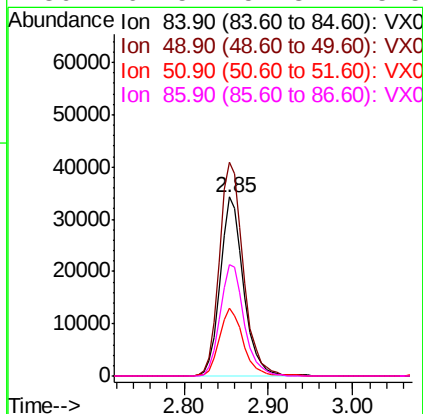
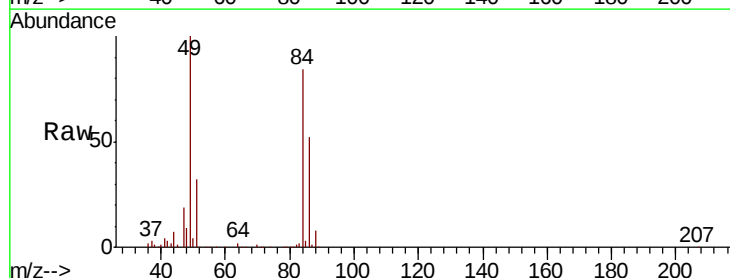
Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#07

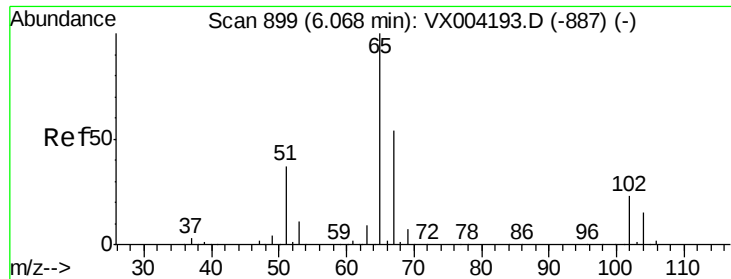
Tot Ion: 43 Resp: 13528
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2



#20
Methylene Chloride
Concen: 17.79 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004431.D
Acq: 08 Sep 2018 02:45

Tgt Ion: 84 Resp: 65600
Ion Ratio Lower Upper
84 100
49 119.4 101.2 151.8
51 37.9 29.5 44.3
86 62.5 52.3 78.5

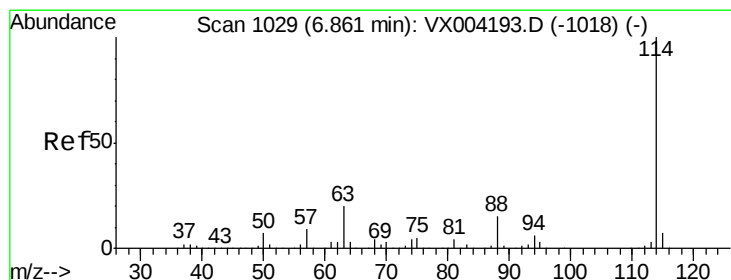
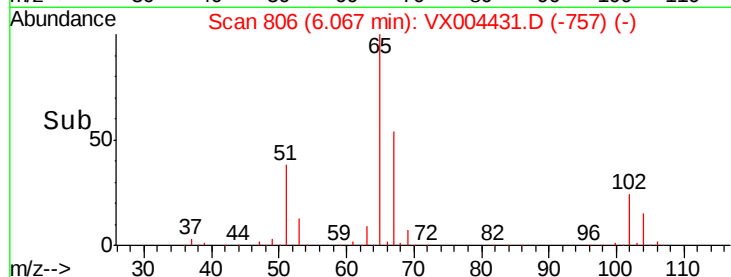
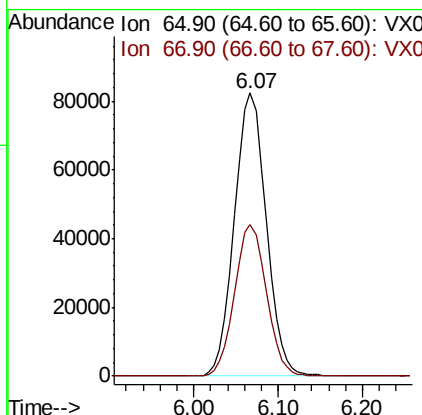
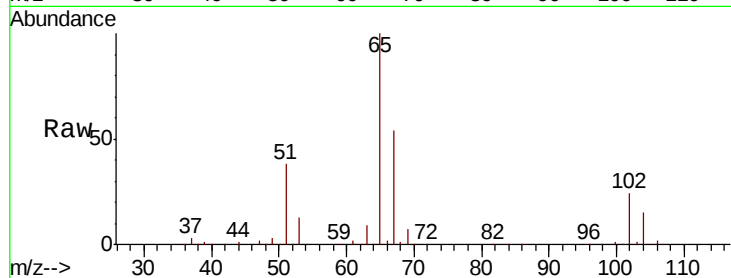




#33
 1,2-Dichloroethane-d4
 Concen: 54.95 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004431.D
 Acq: 08 Sep 2018 02:45

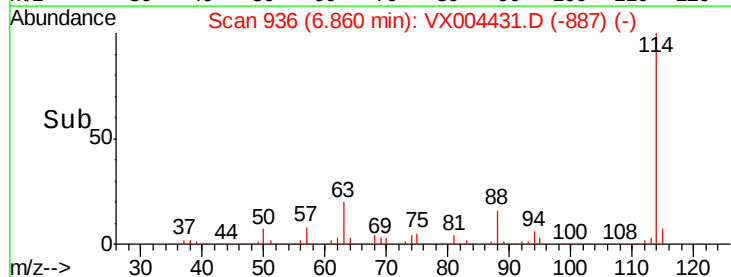
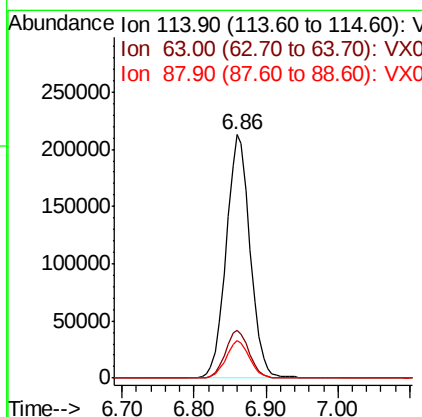
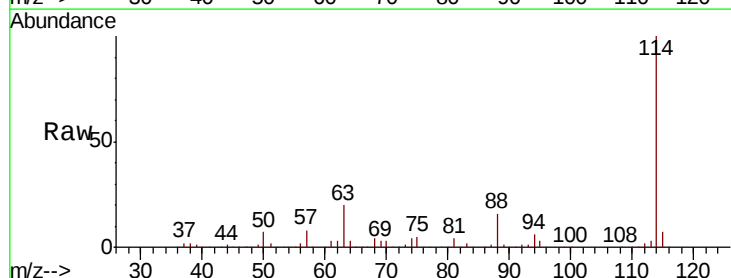
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112672ZHE#07

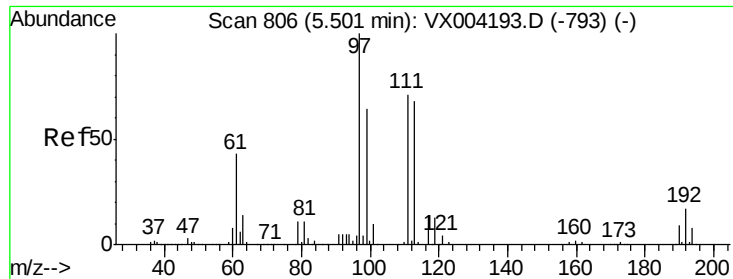
Tot Ion: 65 Resp: 210473
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004431.D
 Acq: 08 Sep 2018 02:45

Tgt Ion: 114 Resp: 490699
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 30.4

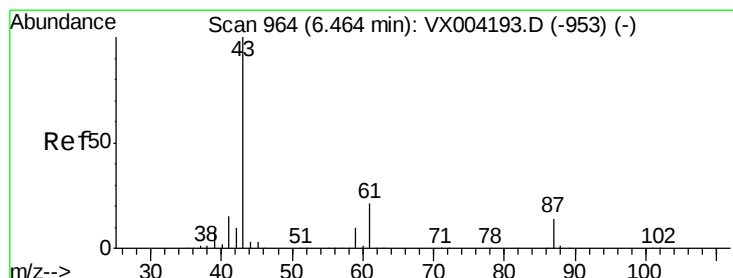
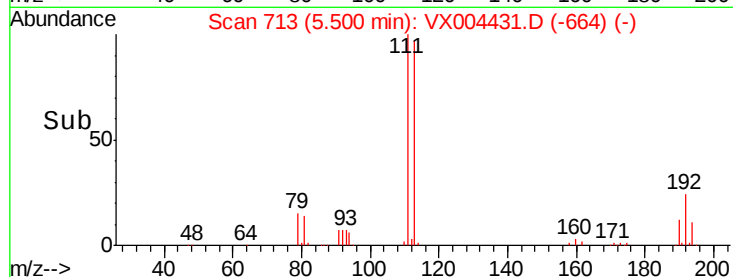
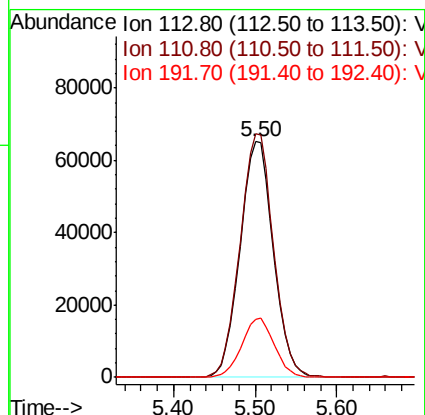
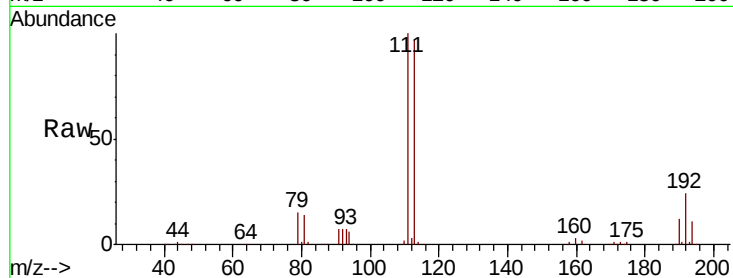




#35
 Dibromofluoromethane
 Concen: 50.66 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004431.D
 Acq: 08 Sep 2018 02:45

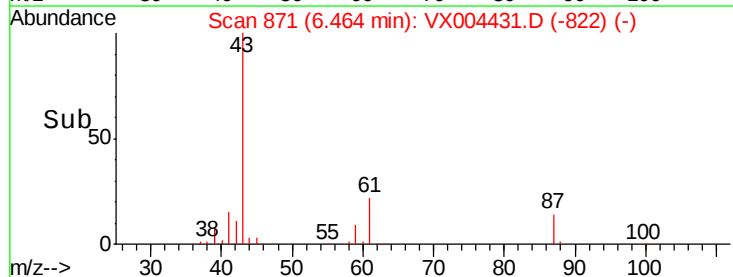
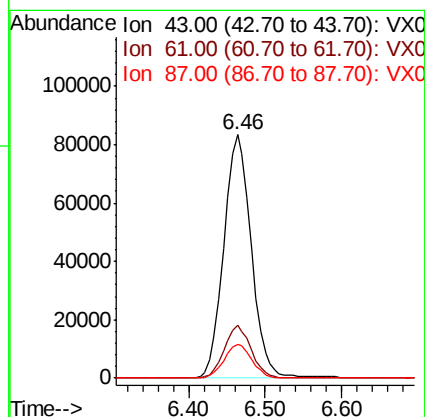
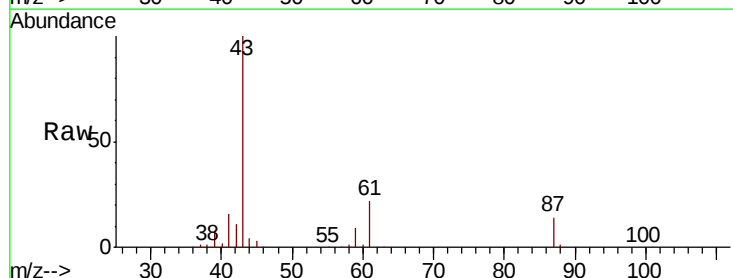
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112672ZHE#07

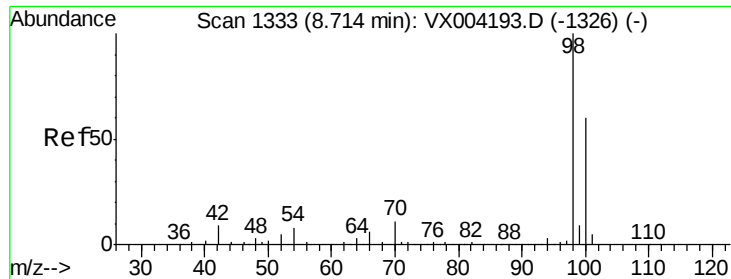
Tot Ion:113 Resp: 184922
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 24.6 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 24.94 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004431.D
 Acq: 08 Sep 2018 02:45

Tgt Ion: 43 Resp: 207948
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.0 25.4
 87 14.1 11.4 17.2

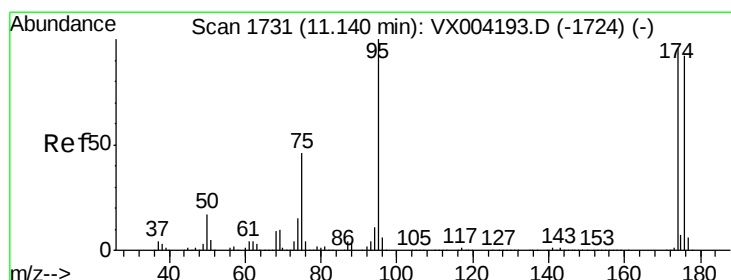
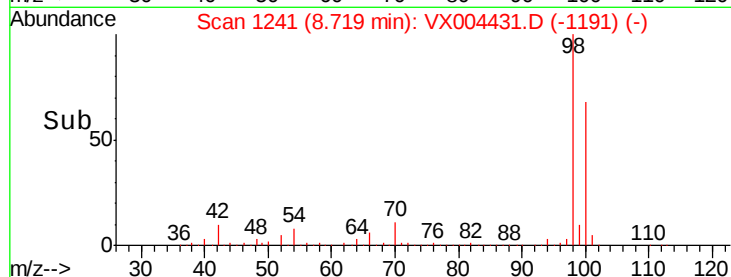
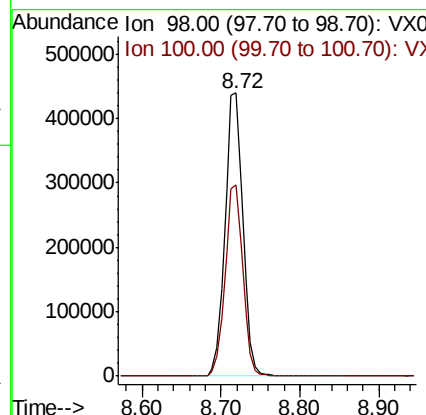
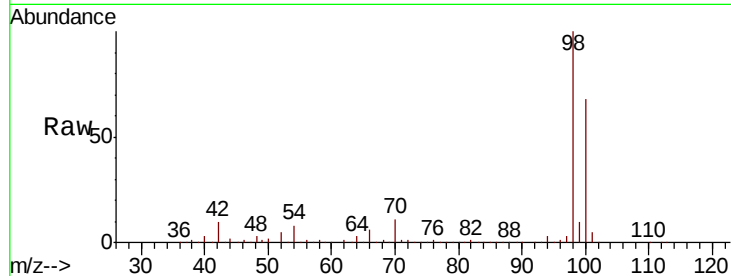




#50
Toluene-d8
Concen: 50.29 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX004431.D
Acq: 08 Sep 2018 02:45

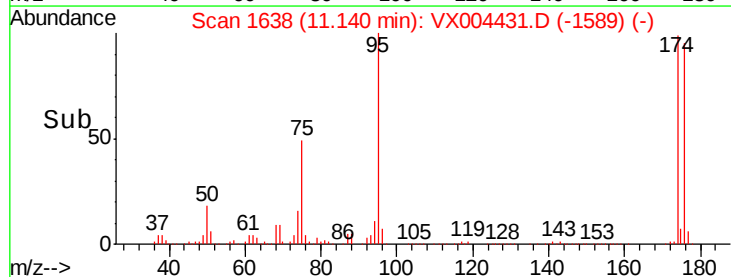
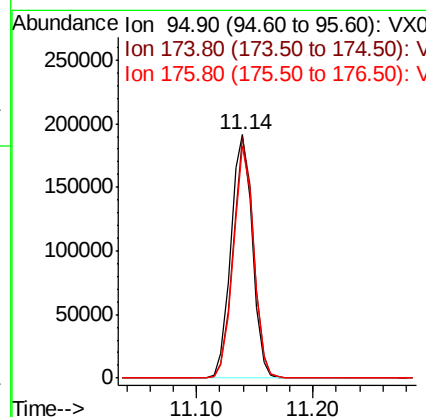
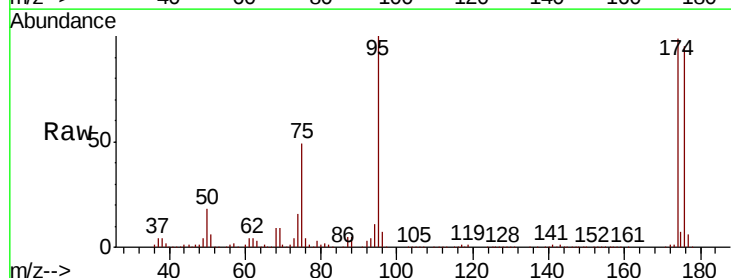
Instrument :
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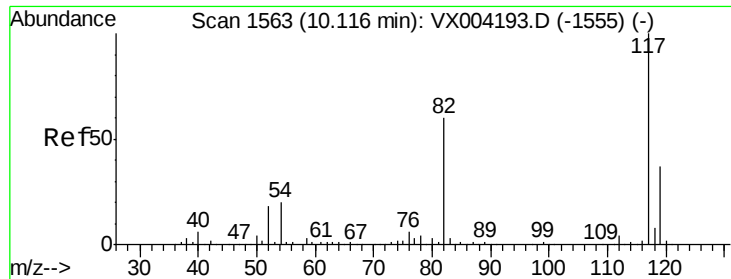
Tot Ion: 98 Resp: 693005
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.57 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004431.D
Acq: 08 Sep 2018 02:45

Tgt Ion: 95 Resp: 244554
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.2
176 90.9 0.0 178.6

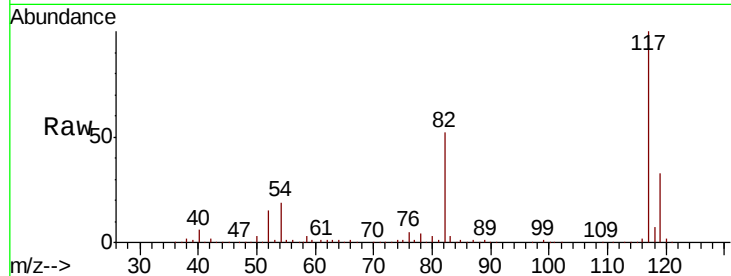




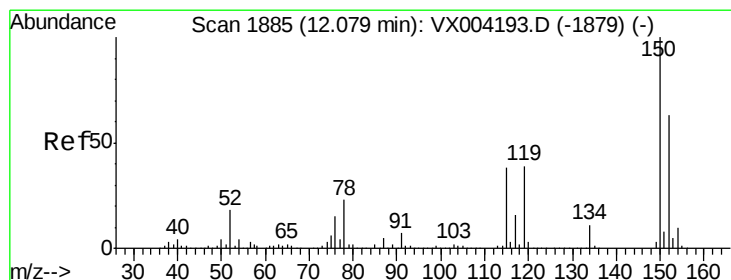
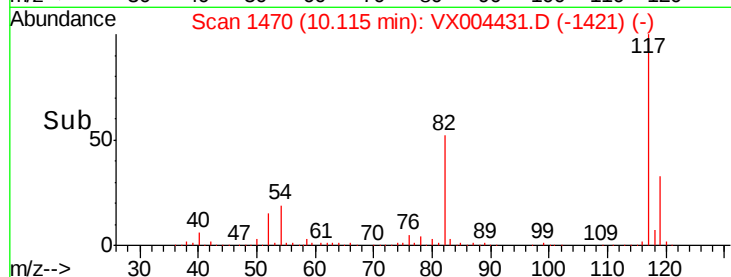
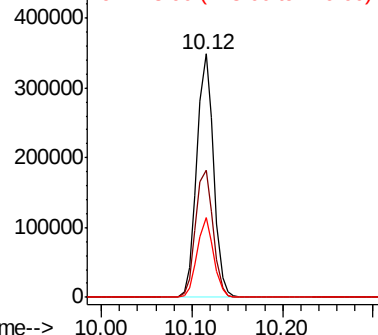
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004431.D
Acq: 08 Sep 2018 02:45

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#07

Tot Ion:117 Resp: 451208
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.6
119 33.0 29.3 43.9

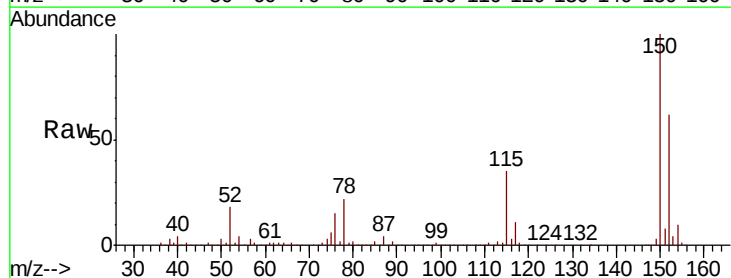


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004431.D
Acq: 08 Sep 2018 02:45

Tgt Ion:152 Resp: 261782
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 157.4 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

