

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004635.D
 Acq On : 17 Sep 2018 22:39
 Operator : JC/MD
 Sample : PB112894ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#10

Quant Time: Sep 18 01:52:36 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	5.67	168	216960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188738	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	152235	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
35) Dibromofluoromethane	5.51	113	146656	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	8.71	98	444752	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	
62) 4-Bromofluorobenzene	11.14	95	155933	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	

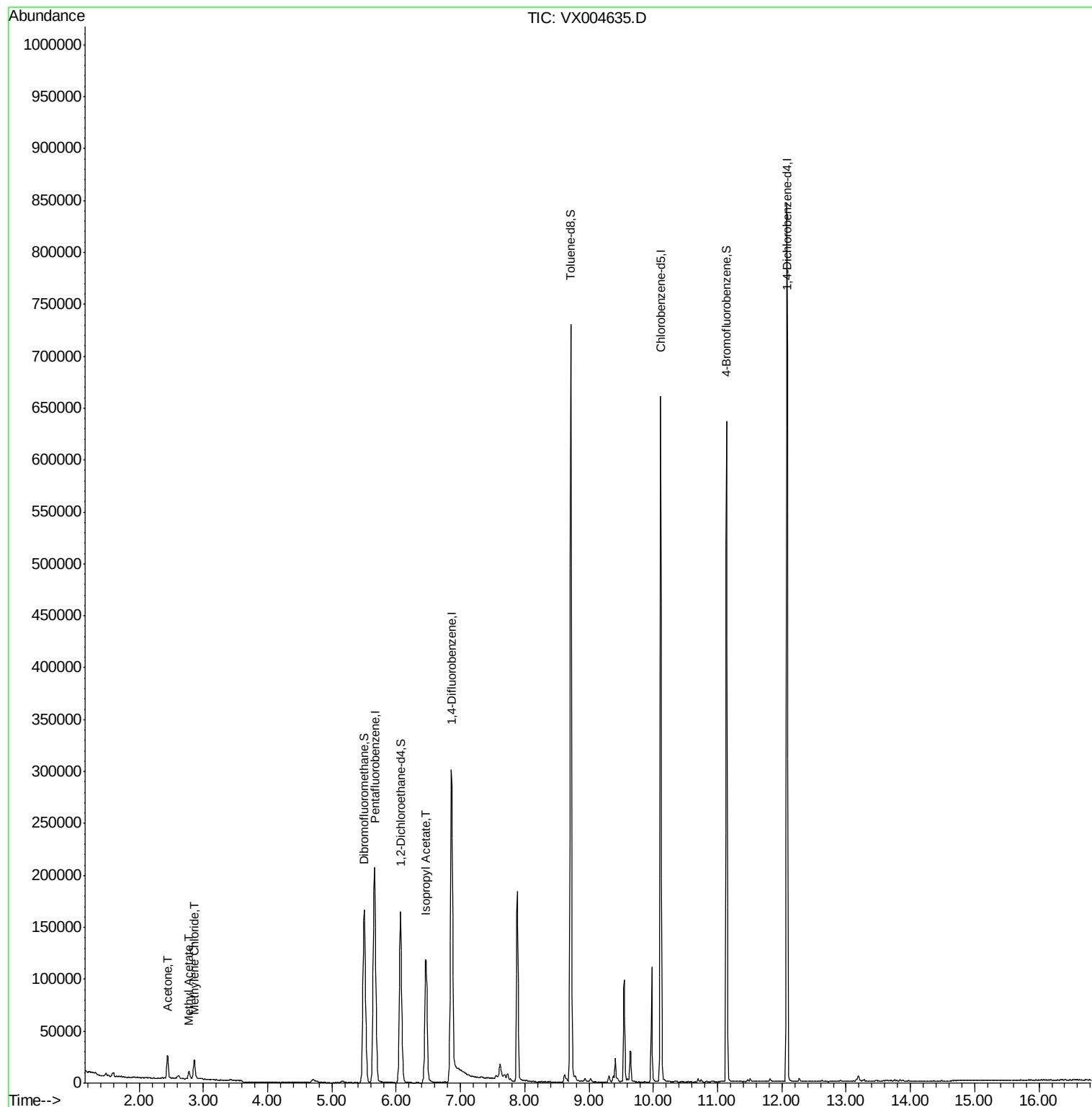
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	24358	17.84	ug/l	92
18) Methyl Acetate	2.78	43	10475	2.73	ug/l	98
20) Methylene Chloride	2.86	84	8830	3.15	ug/l #	88
43) Isopropyl Acetate	6.46	43	159809	27.36	ug/l	99

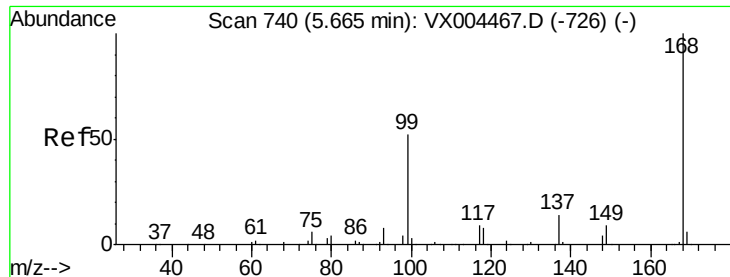
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004635.D

Acq: 17 Sep 2018 22:39

Instrument :

MSVOA_X

ClientSampleId :

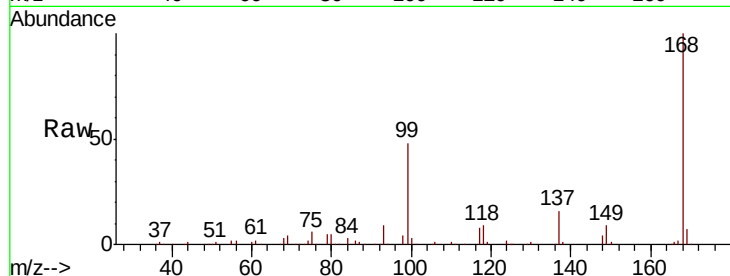
PB112894ZHE#10

Tot Ion:168 Resp: 216960

Ion Ratio Lower Upper

168 100

99 48.1 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

80000

60000

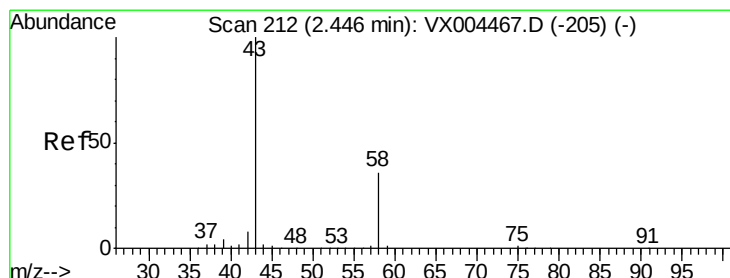
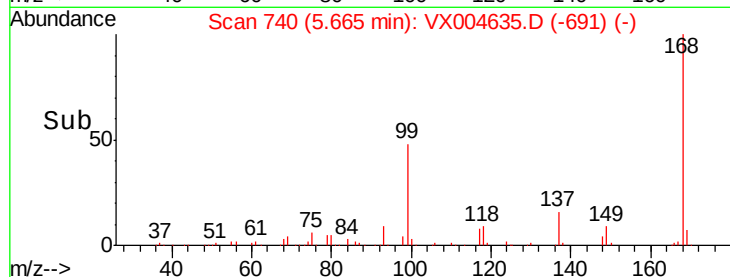
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20000

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Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.84 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004635.D

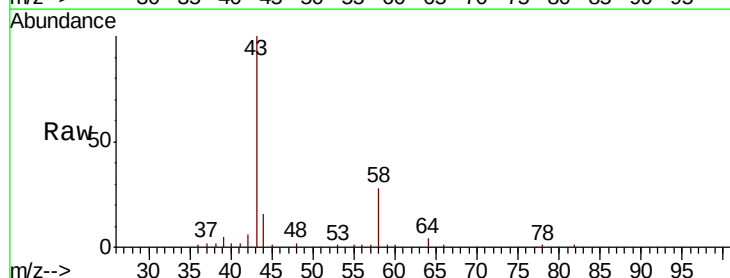
Acq: 17 Sep 2018 22:39

Tgt Ion: 43 Resp: 24358

Ion Ratio Lower Upper

43 100

58 28.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

15000

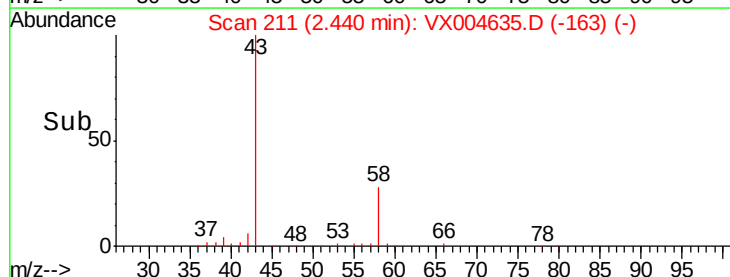
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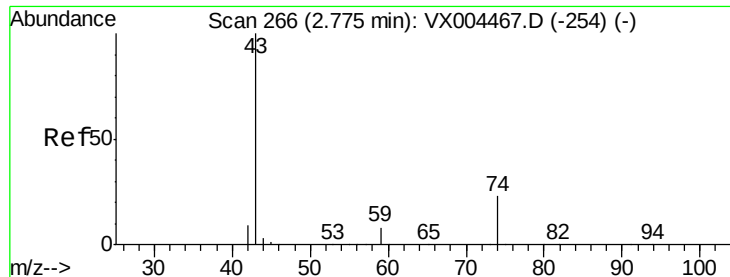
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0

Time-->

2.40 2.50

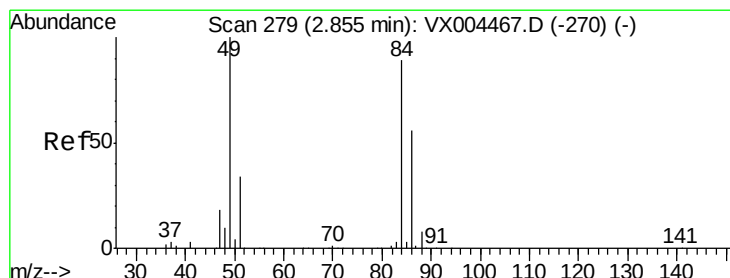
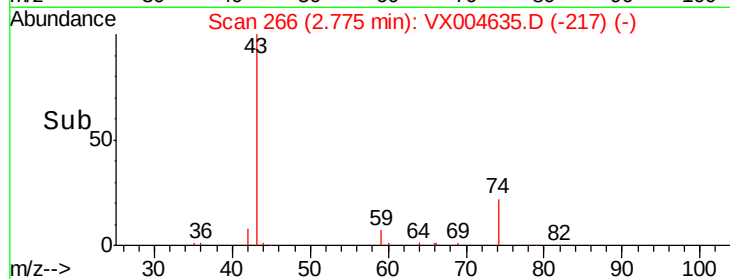
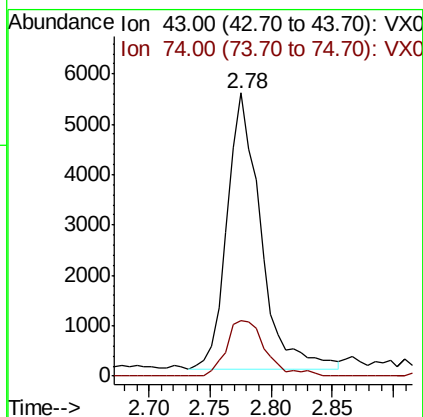
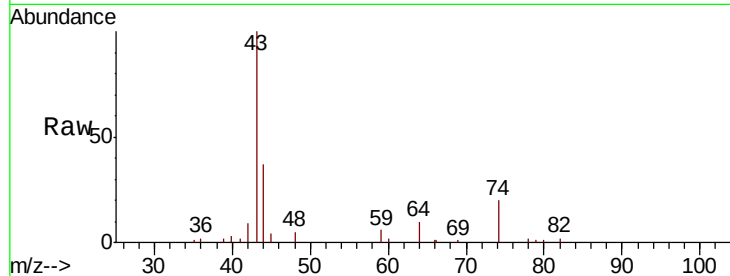




#18
Methvl Acetate
Concen: 2.73 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004635.D
Acq: 17 Sep 2018 22:39

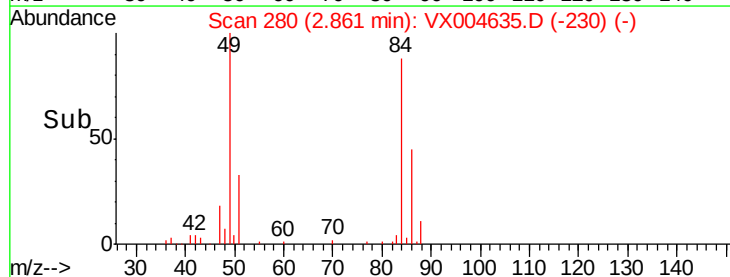
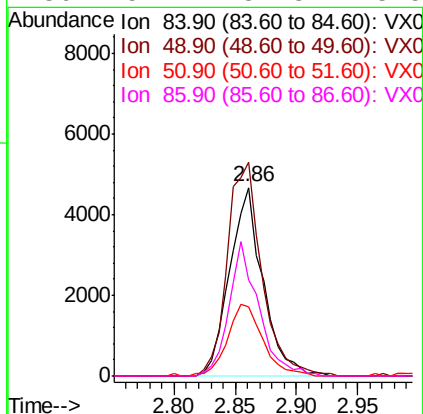
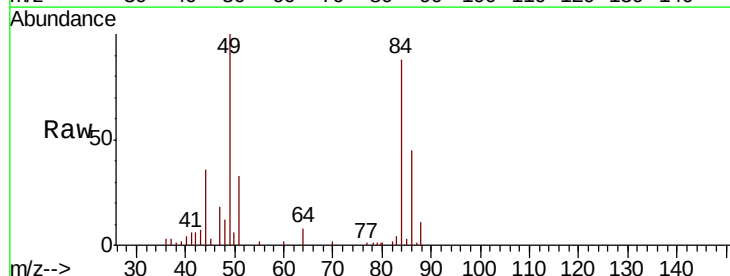
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#10

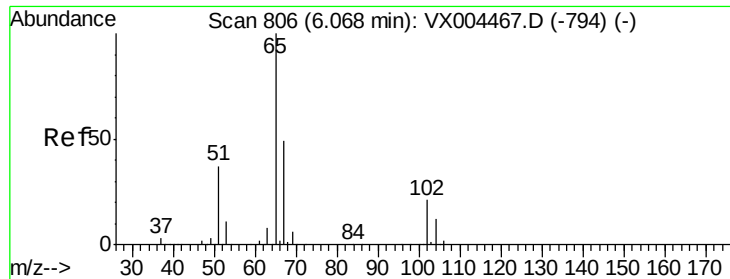
Tot Ion: 43 Resp: 10475
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2



#20
Methylene Chloride
Concen: 3.15 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004635.D
Acq: 17 Sep 2018 22:39

Tgt Ion: 84 Resp: 8830
Ion Ratio Lower Upper
84 100
49 113.1 101.2 151.8
51 36.9 29.5 44.3
86 51.2 52.3 78.5#

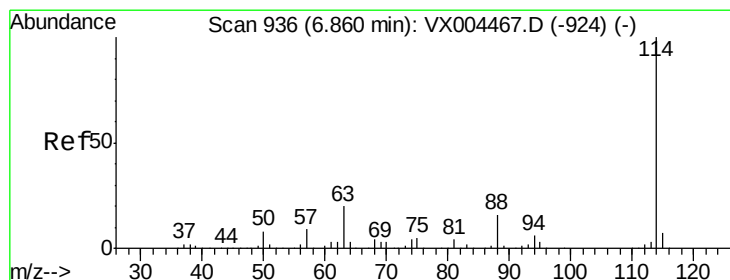
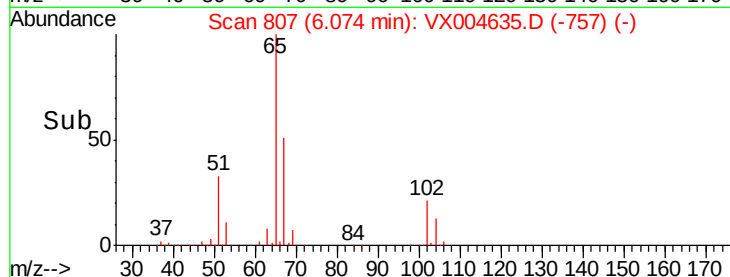
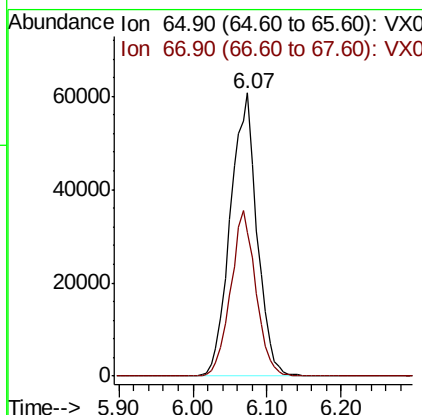
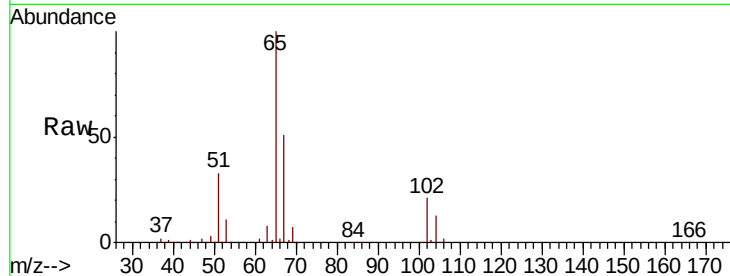




#33
 1,2-Dichloroethane-d4
 Concen: 54.42 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004635.D
 Acq: 17 Sep 2018 22:39

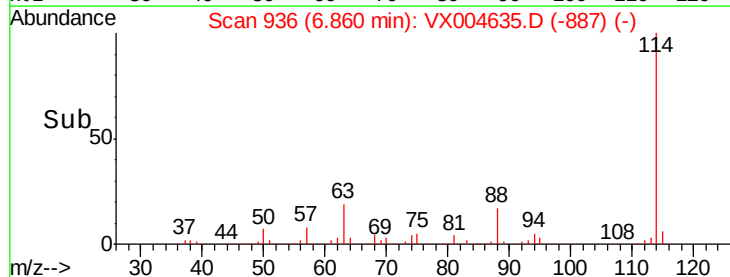
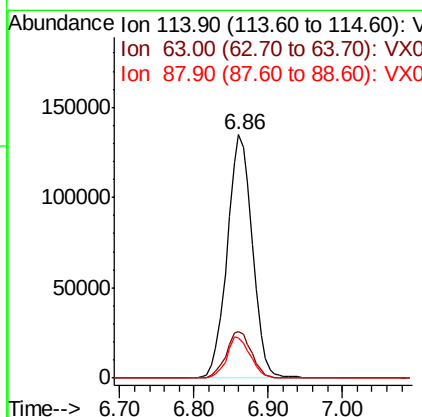
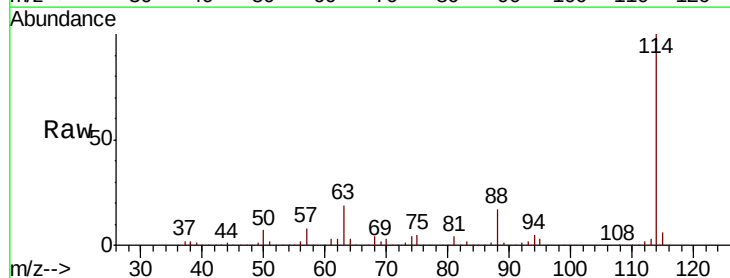
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#10

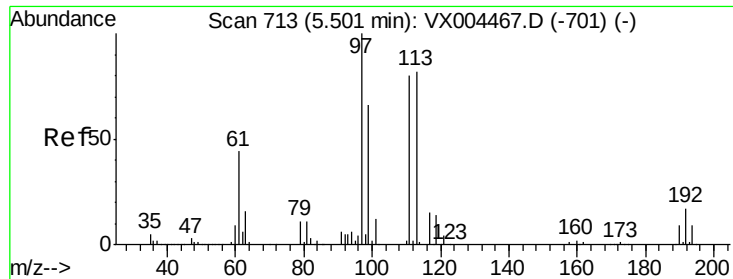
Tot Ion: 65 Resp: 152235
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004635.D
 Acq: 17 Sep 2018 22:39

Tgt Ion: 114 Resp: 318530
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 16.6 0.0 30.4

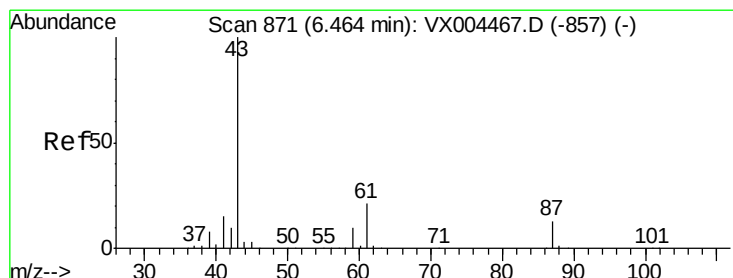
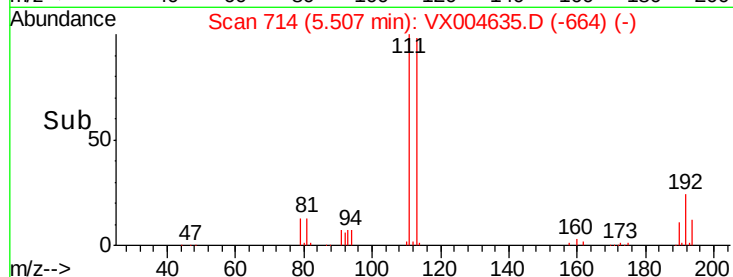
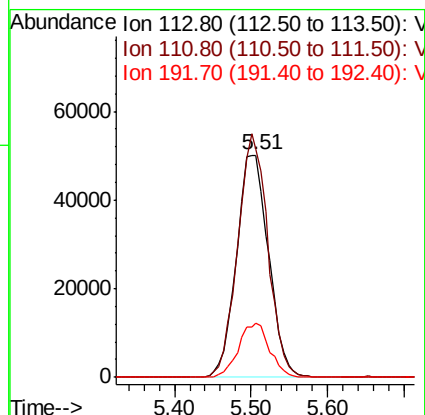
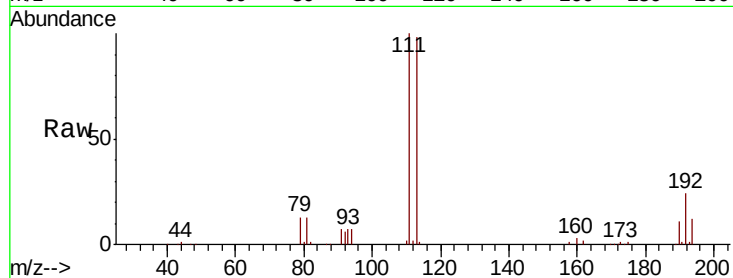




#35
 Dibromofluoromethane
 Concen: 50.31 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004635.D
 Acq: 17 Sep 2018 22:39

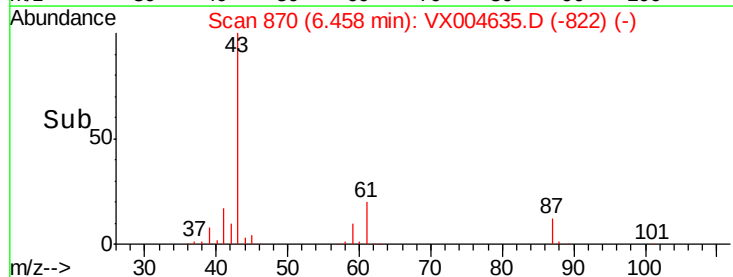
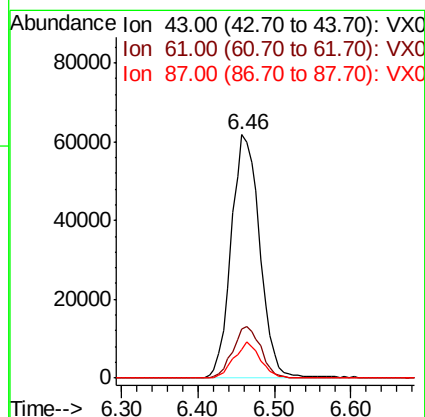
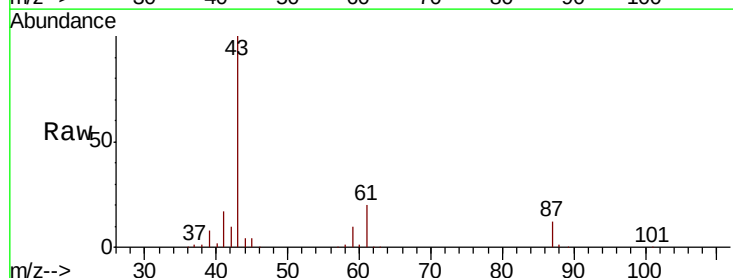
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#10

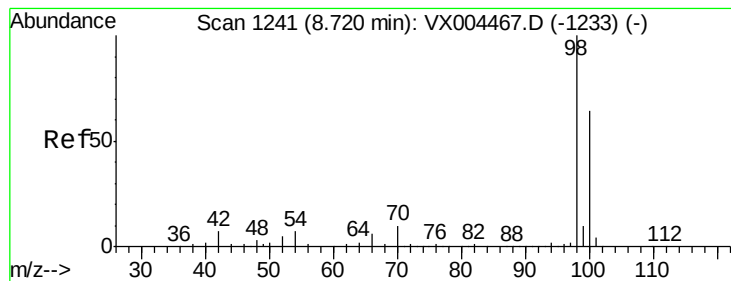
Tot Ion:113 Resp: 146656
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 23.4 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 27.36 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004635.D
 Acq: 17 Sep 2018 22:39

Tgt Ion: 43 Resp: 159809
 Ion Ratio Lower Upper
 43 100
 61 20.9 17.0 25.4
 87 13.7 11.4 17.2





#50

Toluene-d8

Concen: 45.50 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004635.D

Acq: 17 Sep 2018 22:39

Instrument :

MSVOA_X

ClientSampleId :

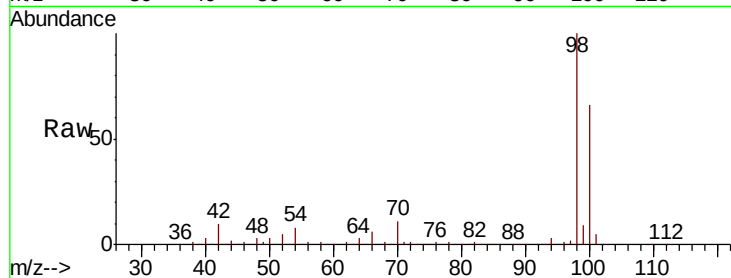
PB112894ZHE#10

Tot Ion: 98 Resp: 444752

Ion Ratio Lower Upper

98 100

100 64.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

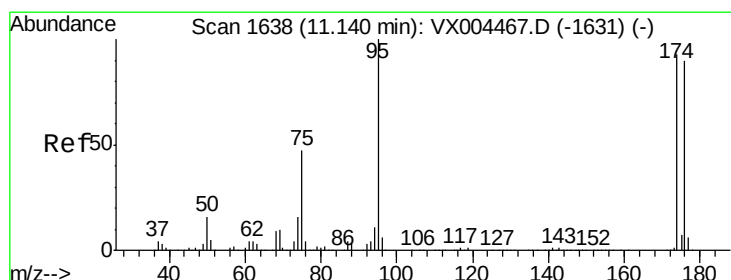
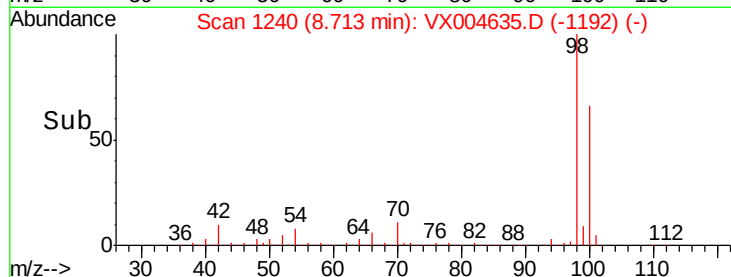
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.69 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004635.D

Acq: 17 Sep 2018 22:39

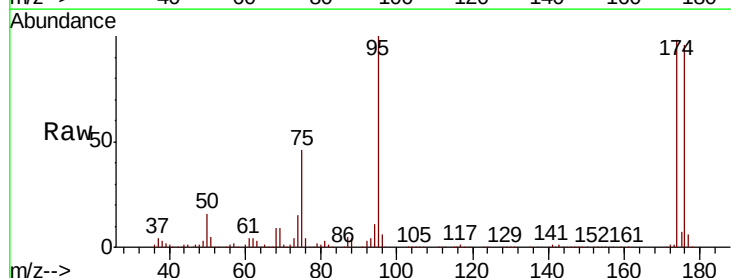
Tgt Ion: 95 Resp: 155933

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.2

176 92.2 0.0 178.6



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

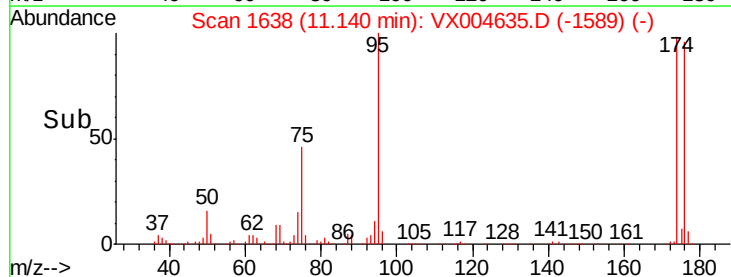
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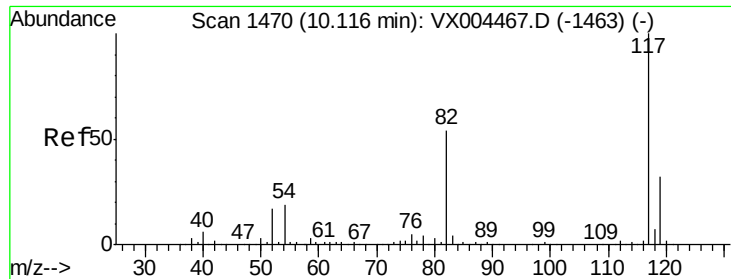
100000

50000

0

Time-->

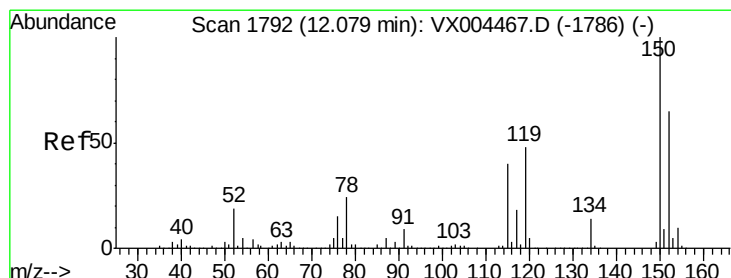
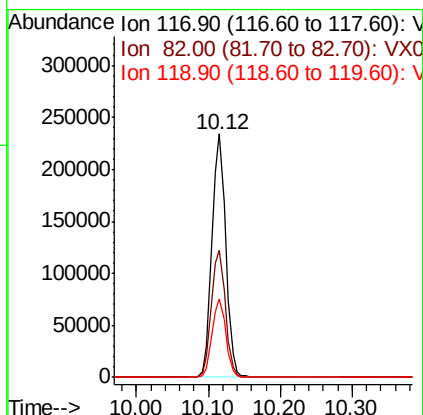
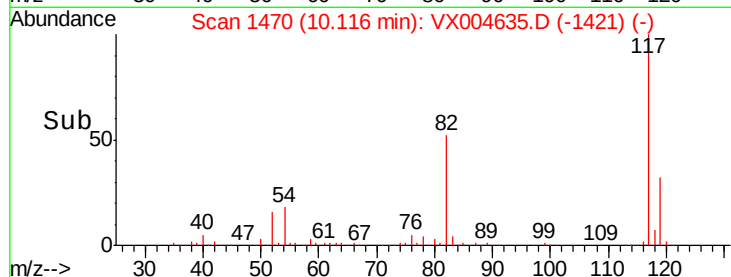
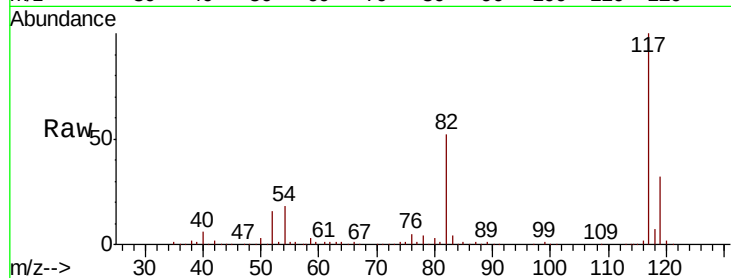




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004635.D
Acq: 17 Sep 2018 22:39

Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#10

Tot Ion:117 Resp: 309529
Ion Ratio Lower Upper
117 100
82 52.3 47.8 71.6
119 32.3 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004635.D
Acq: 17 Sep 2018 22:39

Tgt Ion:152 Resp: 188738
Ion Ratio Lower Upper
152 100
115 53.2 39.0 117.0
150 156.1 0.0 351.0

