

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004639.D
 Acq On : 18 Sep 2018 00:25
 Operator : JC/MD
 Sample : PB112894ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#14

Quant Time: Sep 18 02:15:47 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	239217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189289	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	162370	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
35) Dibromofluoromethane	5.50	113	140525	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	8.71	98	455648	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.14	95	159093	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	

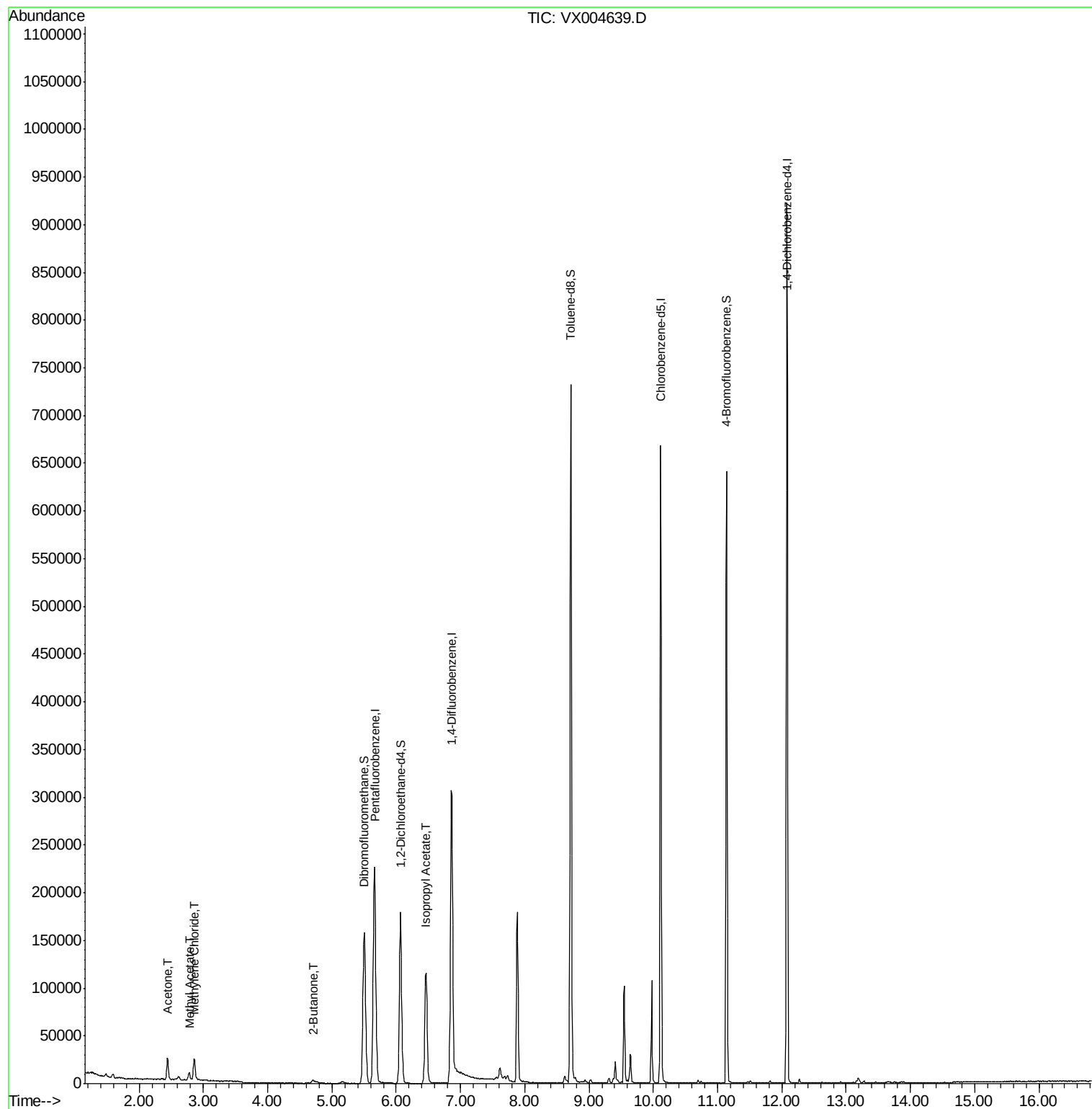
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	24176	16.06	ug/l	98
18) Methyl Acetate	2.78	43	10049	2.38	ug/l	100
20) Methylene Chloride	2.85	84	10576	3.42	ug/l	94
25) 2-Butanone	4.70	43	6489	2.71	ug/l	94
43) Isopropyl Acetate	6.46	43	156654	26.48	ug/l	100

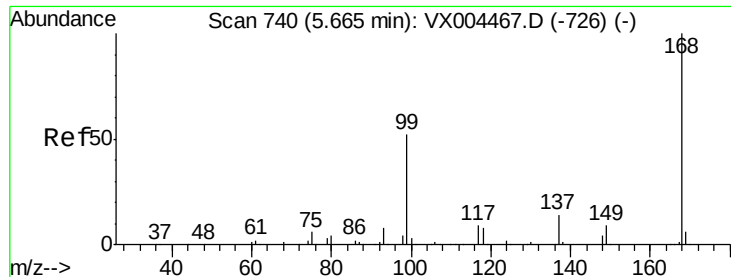
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004639.D

Acq: 18 Sep 2018 00:25

Instrument :

MSVOA_X

ClientSampleId :

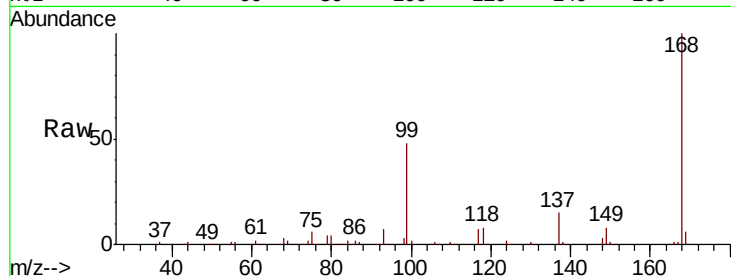
PB112894ZHE#14

Tot Ion:168 Resp: 239217

Ion Ratio Lower Upper

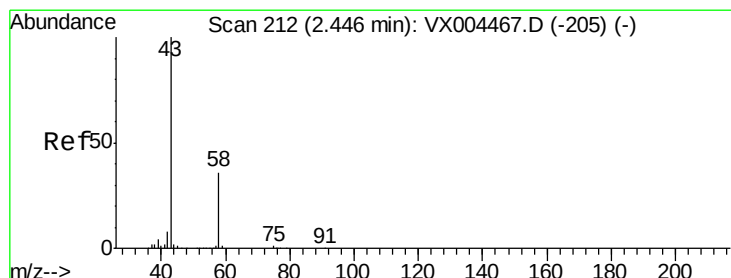
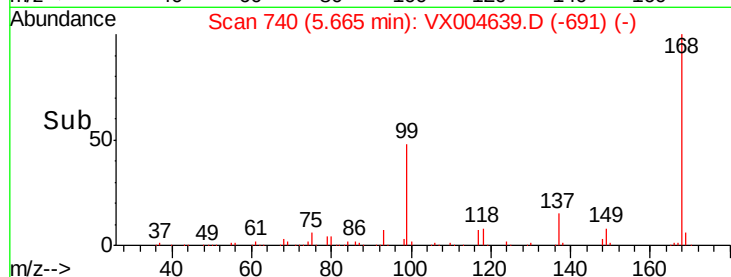
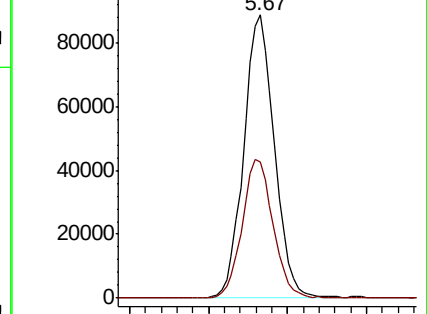
168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 16.06 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004639.D

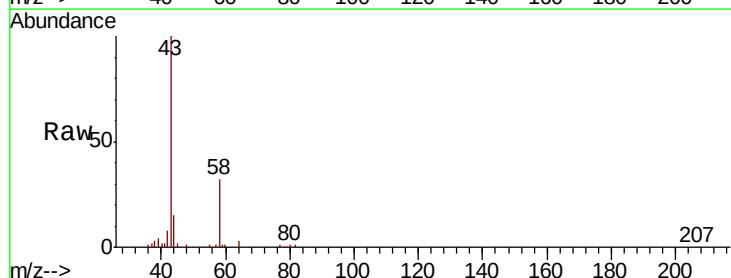
Acq: 18 Sep 2018 00:25

Tgt Ion: 43 Resp: 24176

Ion Ratio Lower Upper

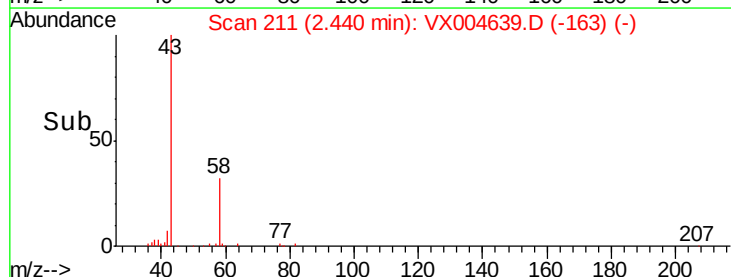
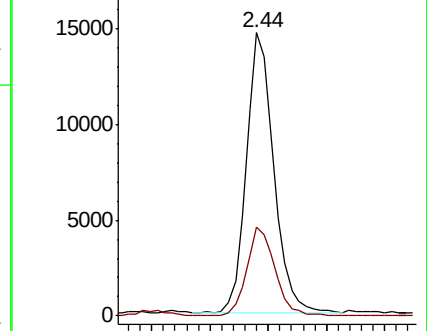
43 100

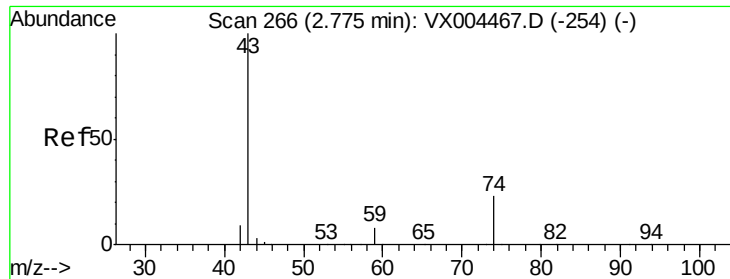
58 31.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

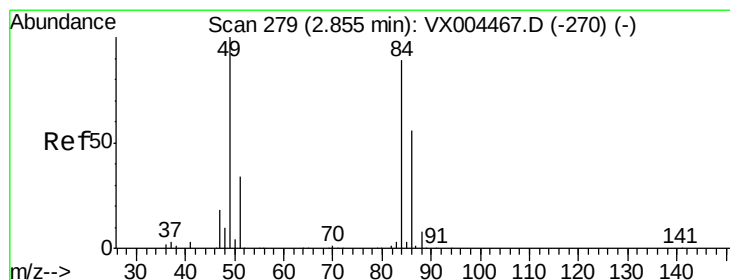
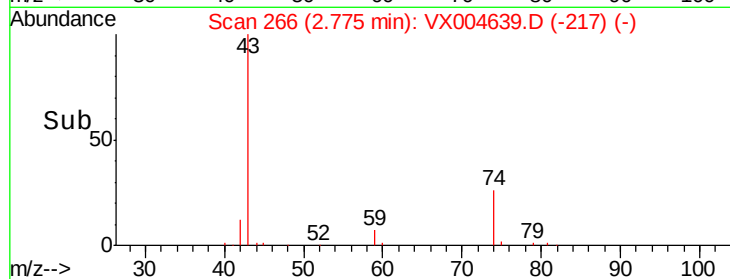
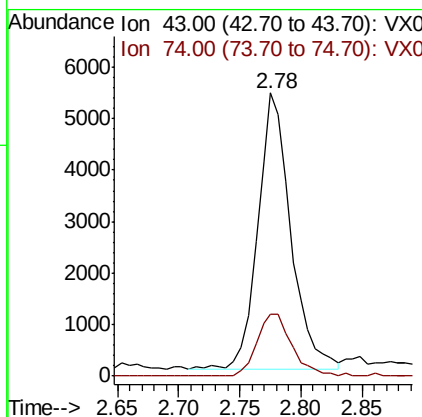
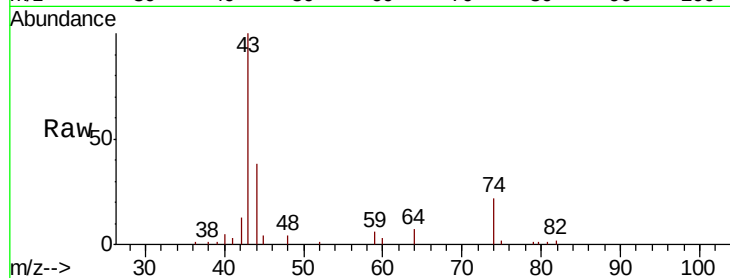




#18
Methvl Acetate
Concen: 2.38 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004639.D
Acq: 18 Sep 2018 00:25

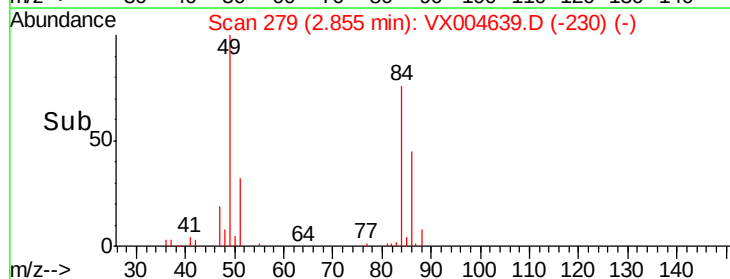
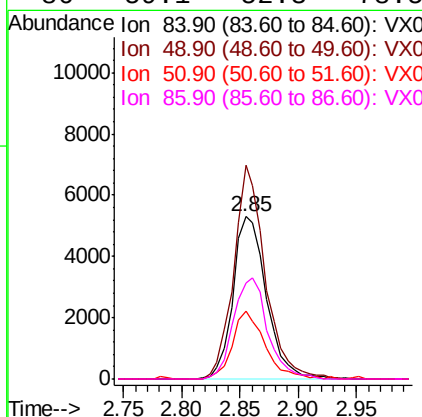
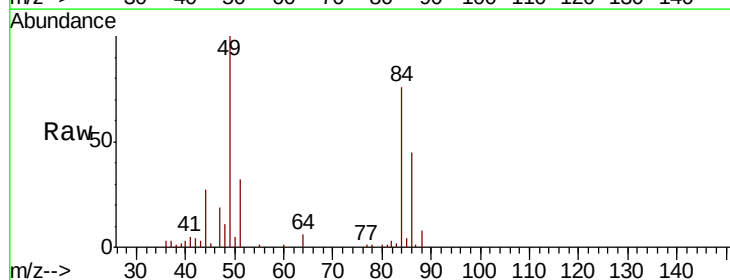
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#14

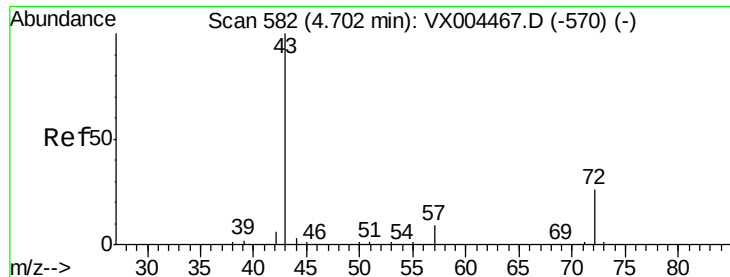
Tot Ion: 43 Resp: 10049
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2



#20
Methylene Chloride
Concen: 3.42 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004639.D
Acq: 18 Sep 2018 00:25

Tgt Ion: 84 Resp: 10576
Ion Ratio Lower Upper
84 100
49 131.7 101.2 151.8
51 41.7 29.5 44.3
86 59.1 52.3 78.5





#25

2-Butanone

Concen: 2.71 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004639.D

Acq: 18 Sep 2018 00:25

Instrument :

MSVOA_X

ClientSampleId :

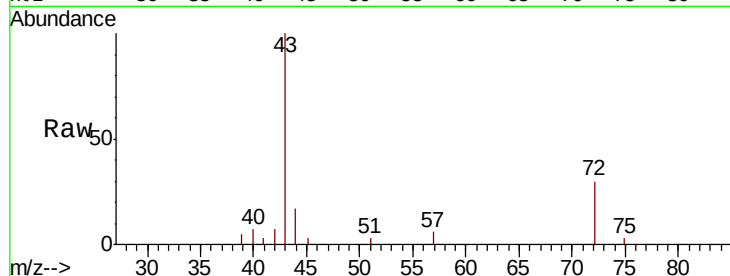
PB112894ZHE#14

Tot Ion: 43 Resp: 6489

Ion Ratio Lower Upper

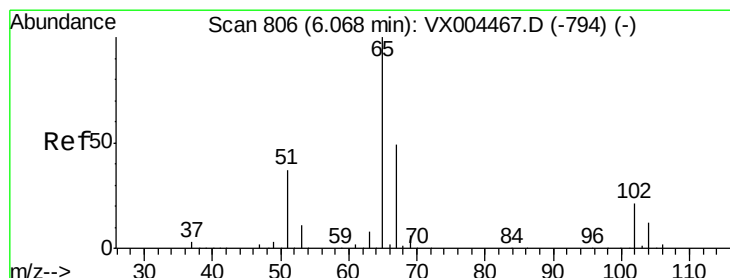
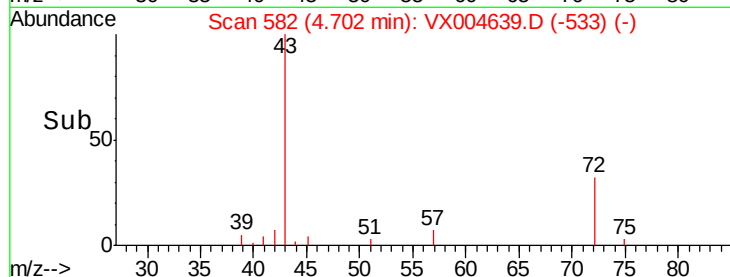
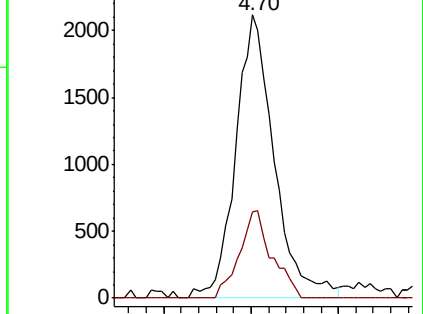
43 100

72 30.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.64 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004639.D

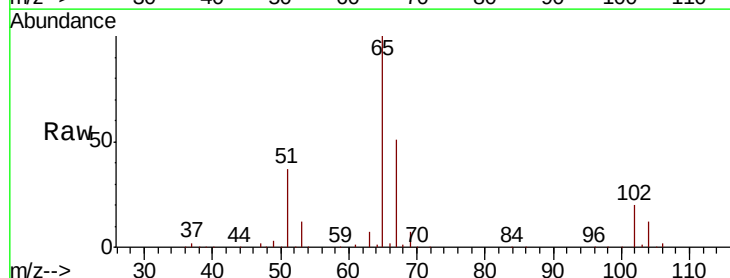
Acq: 18 Sep 2018 00:25

Tgt Ion: 65 Resp: 162370

Ion Ratio Lower Upper

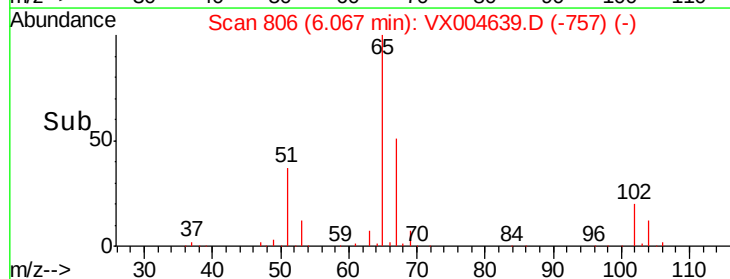
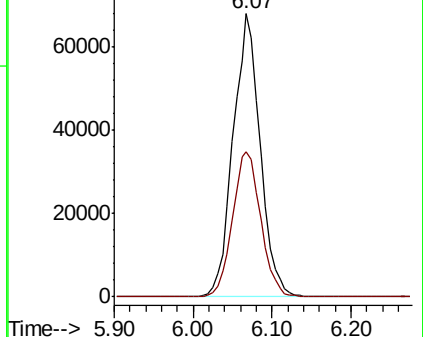
65 100

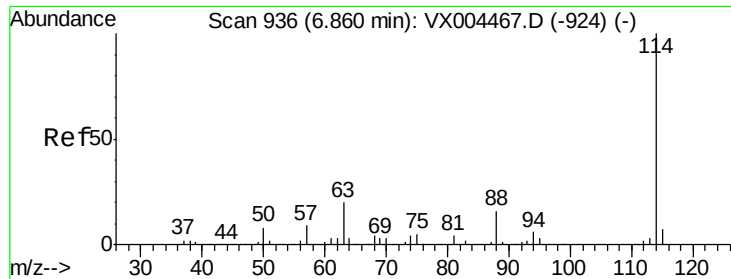
67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

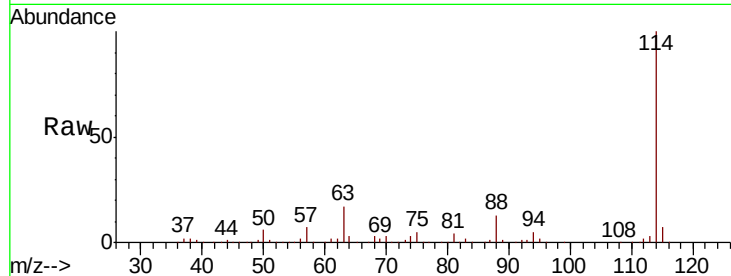




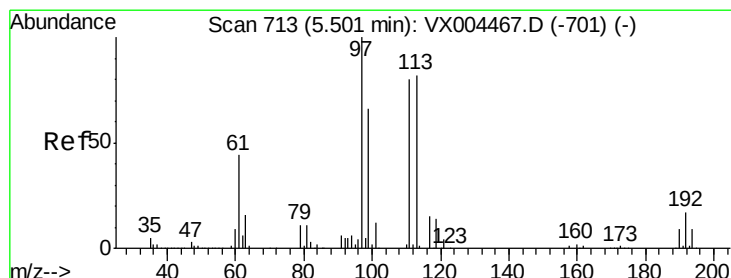
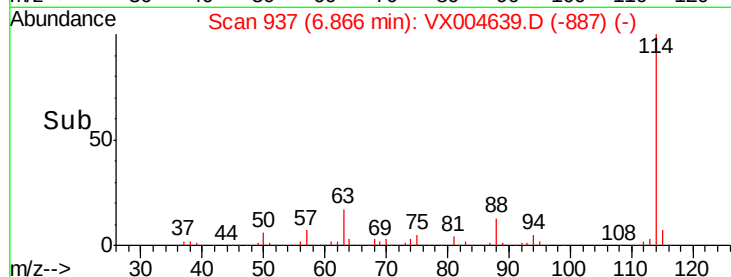
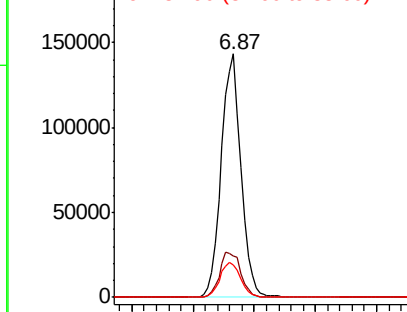
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004639.D
 Acq: 18 Sep 2018 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#14

Tot Ion:114 Resp: 322556
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 39.0
 88 13.1 0.0 30.4

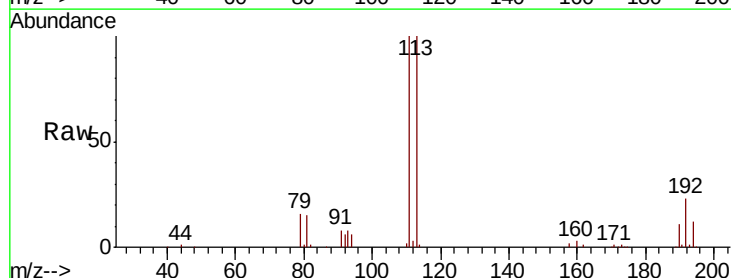


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

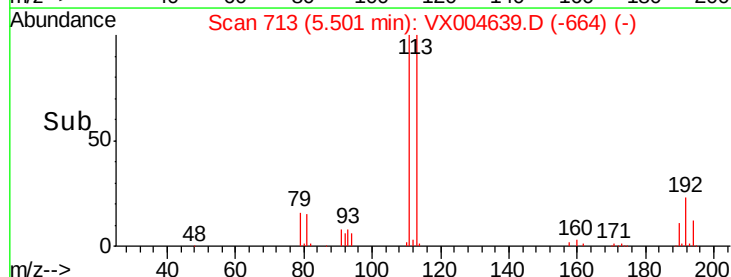
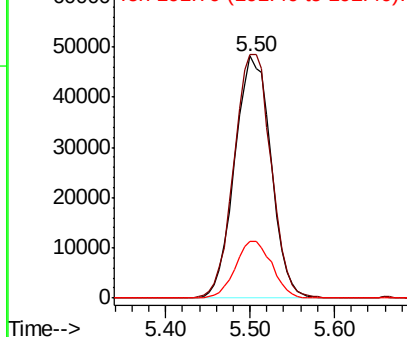


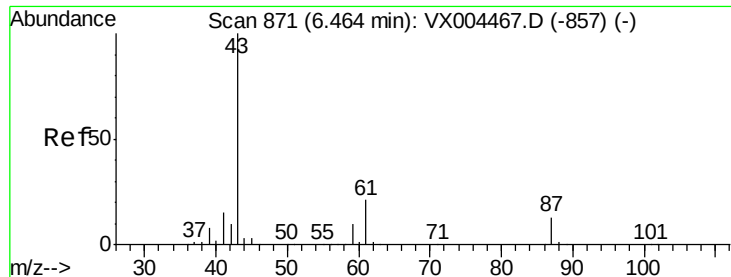
#35
 Dibromofluoromethane
 Concen: 47.61 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004639.D
 Acq: 18 Sep 2018 00:25

Tgt Ion:113 Resp: 140525
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.6 19.4 29.2



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



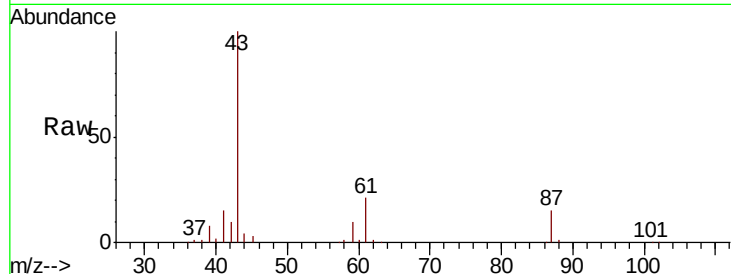


#43

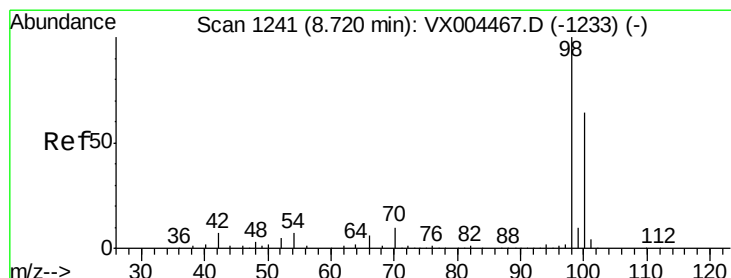
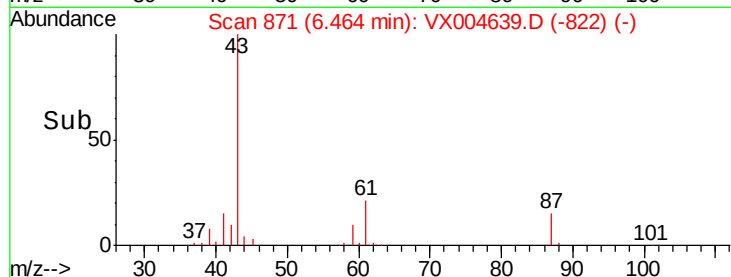
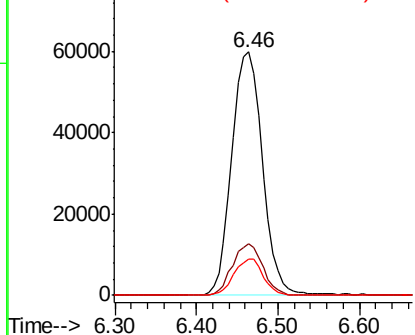
Isopropyl Acetate
 Concen: 26.48 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004639.D
 Acq: 18 Sep 2018 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#14

Tot Ion	43	Resp	156654
Ion Ratio	Lower	Upper	
43	100		
61	21.0	17.0	25.4
87	14.1	11.4	17.2



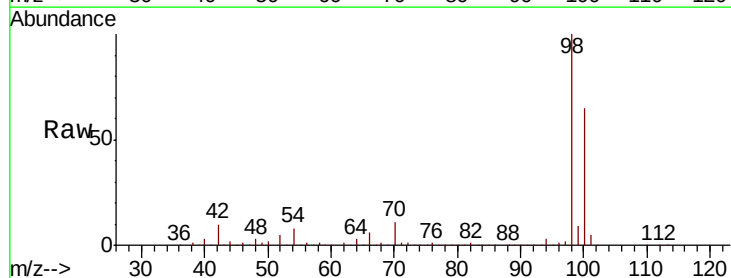
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



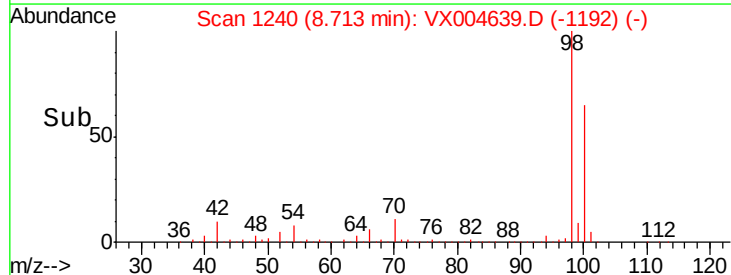
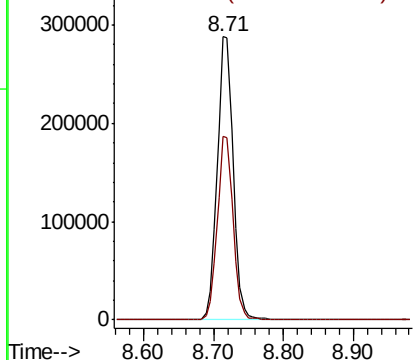
#50

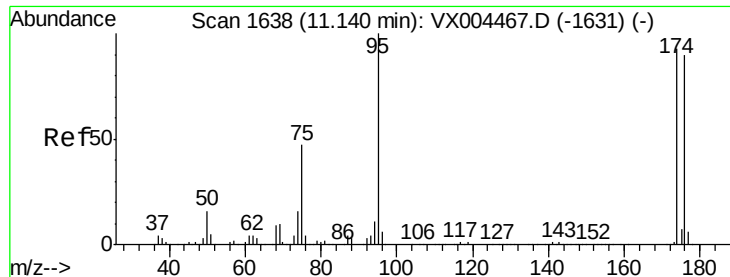
Toluene-d8
 Concen: 46.03 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004639.D
 Acq: 18 Sep 2018 00:25

Tgt Ion	98	Resp	455648
Ion Ratio	Lower	Upper	
98	100		
100	64.1	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

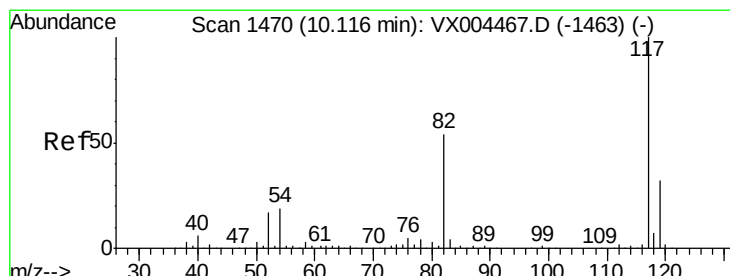
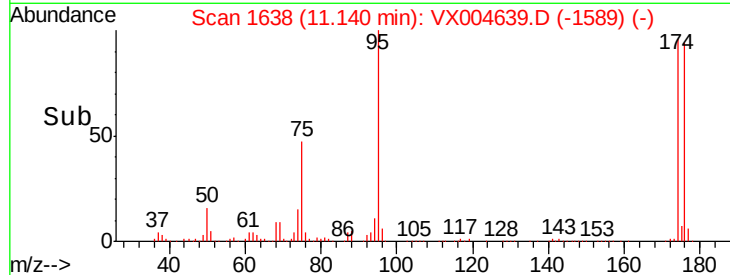
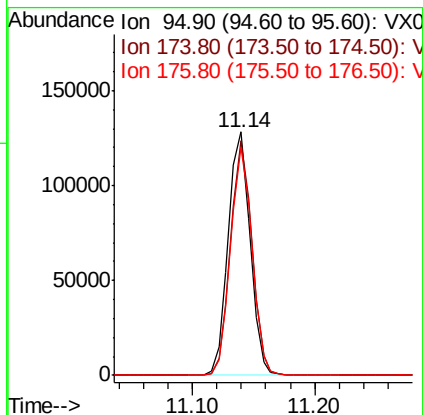
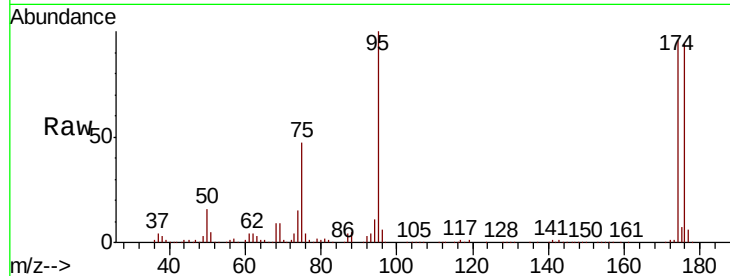




#62
4-Bromofluorobenzene
Concen: 45.03 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004639.D
Acq: 18 Sep 2018 00:25

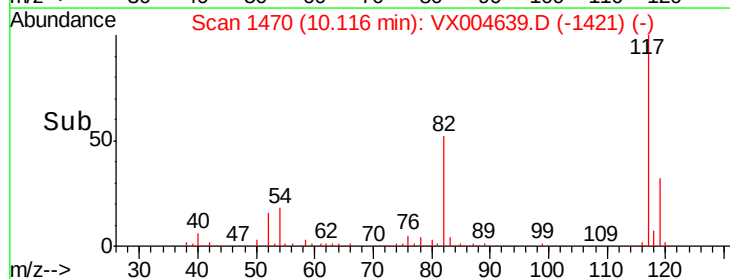
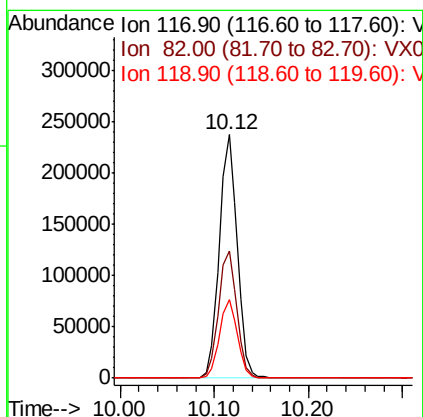
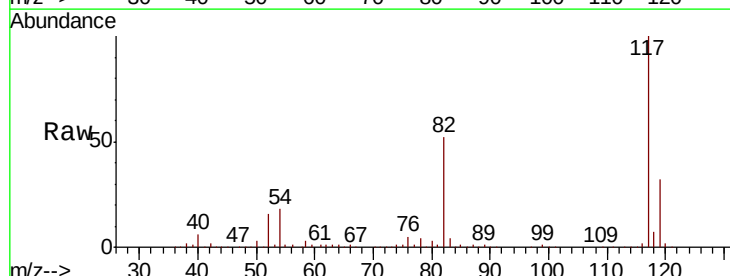
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#14

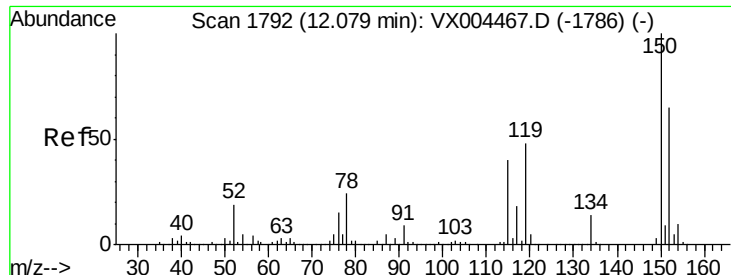
Tot Ion: 95 Resp: 159093
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.2
176 91.2 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004639.D
Acq: 18 Sep 2018 00:25

Tgt Ion: 117 Resp: 314090
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 32.2 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: VX004639.D
 Acq: 18 Sep 2018 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#14

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.0	117.0
150	163.2	0.0	351.0

