

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004638.D
 Acq On : 17 Sep 2018 23:59
 Operator : JC/MD
 Sample : PB112894ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#13

Quant Time: Sep 18 02:11:03 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

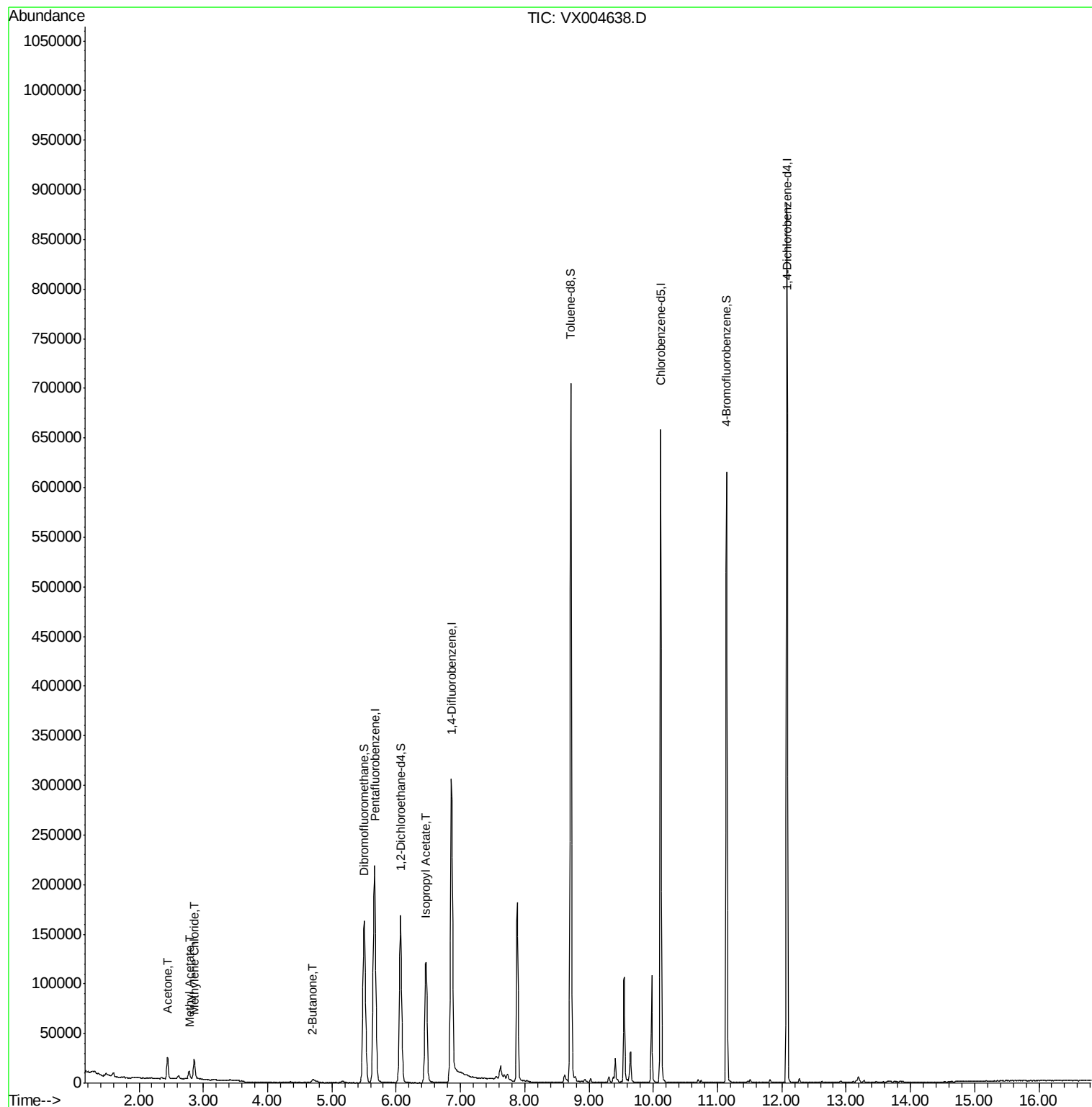
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151475	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
35) Dibromofluoromethane	5.51	113	142080	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	447252	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
62) 4-Bromofluorobenzene	11.14	95	156423	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						
16) Acetone	2.44	43	23508	16.72	ug/l	95
18) Methyl Acetate	2.78	43	10295	2.61	ug/l	97
20) Methylene Chloride	2.85	84	9469	3.28	ug/l #	86
25) 2-Butanone	4.70	43	6262	2.80	ug/l #	89
43) Isopropyl Acetate	6.46	43	160393	27.47	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004638.D

Acq: 17 Sep 2018 23:59

Instrument :

MSVOA_X

ClientSampleId :

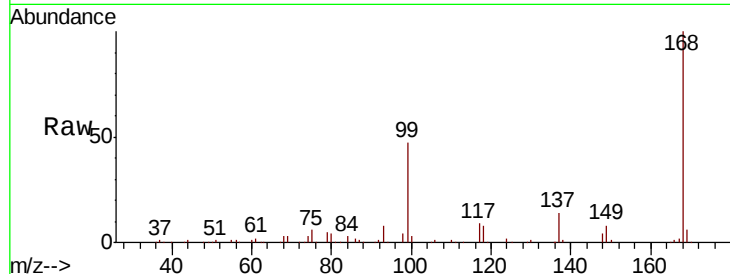
PB112894ZHE#13

Tot Ion:168 Resp: 223362

Ion Ratio Lower Upper

168 100

99 47.4 39.9 59.9

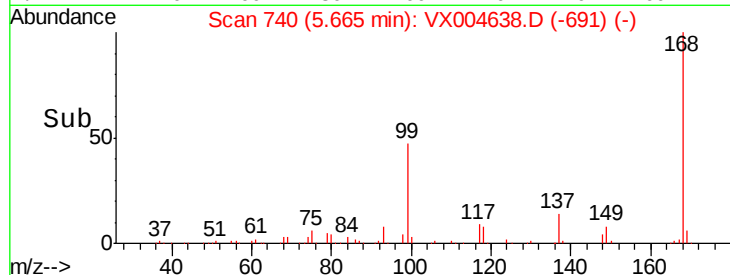


Abundance Ion 167.90 (167.60 to 168.60): V

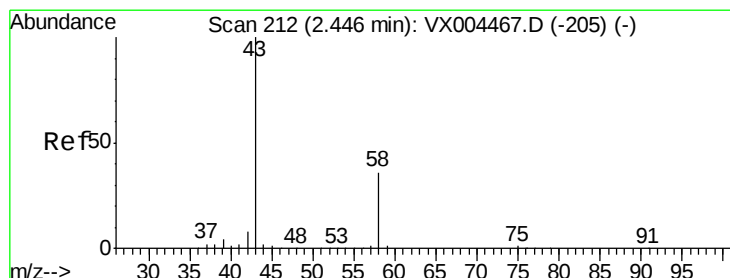
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#16

Acetone

Concen: 16.72 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004638.D

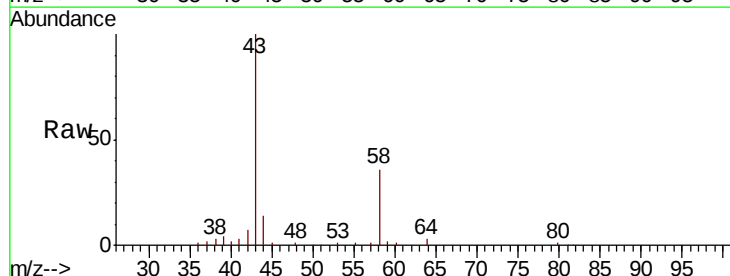
Acq: 17 Sep 2018 23:59

Tgt Ion: 43 Resp: 23508

Ion Ratio Lower Upper

43 100

58 35.9 26.2 39.4

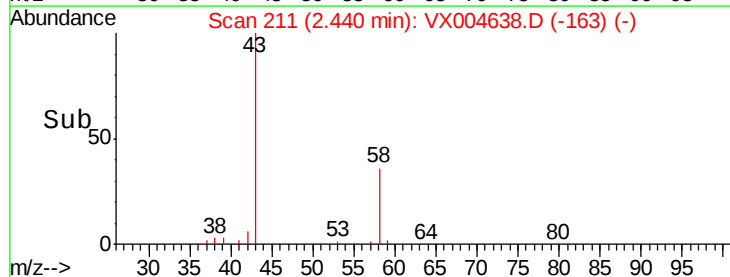


Abundance Ion 43.00 (42.70 to 43.70): VX0

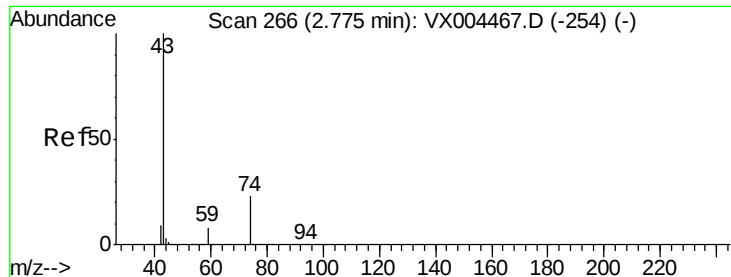
Ion 58.00 (57.70 to 58.70): VX0

2.44

Time-->



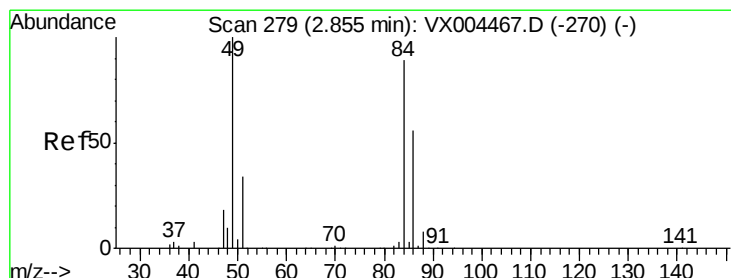
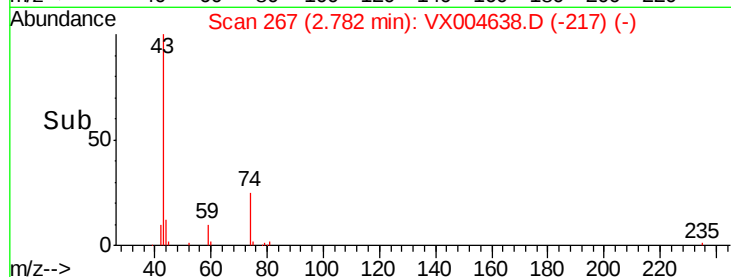
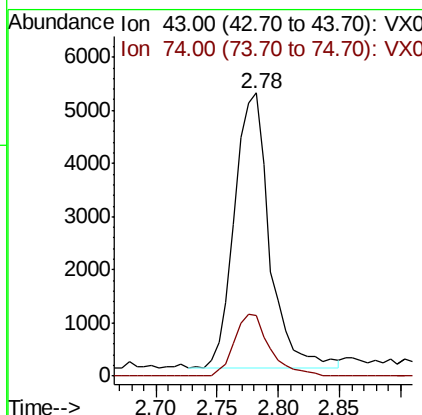
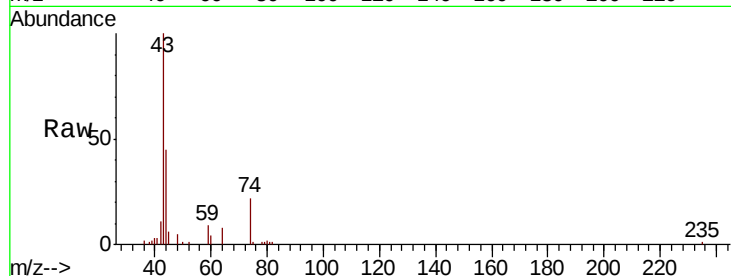
Time-->



#18
Methvl Acetate
Concen: 2.61 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX004638.D
Acq: 17 Sep 2018 23:59

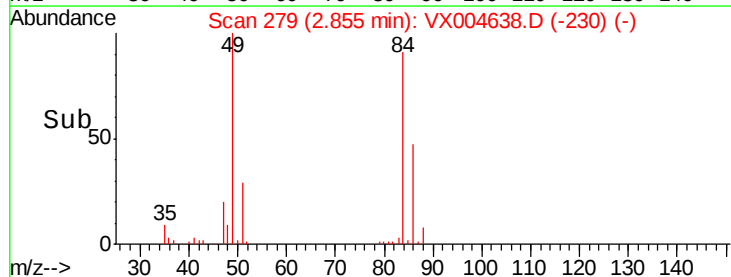
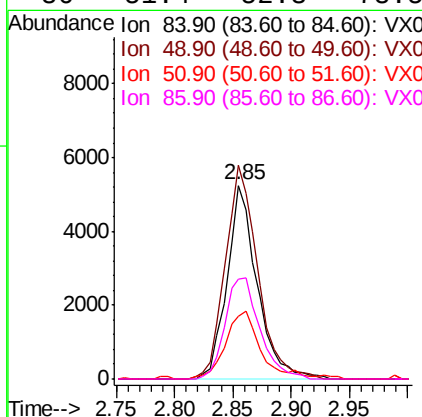
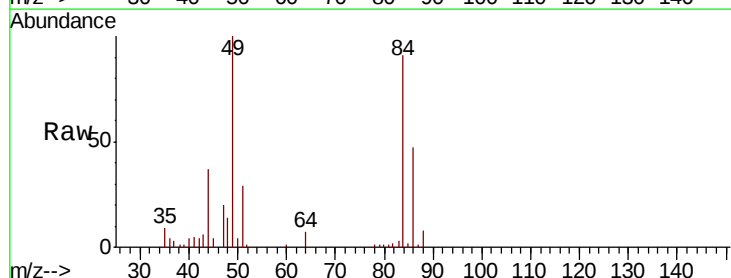
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#13

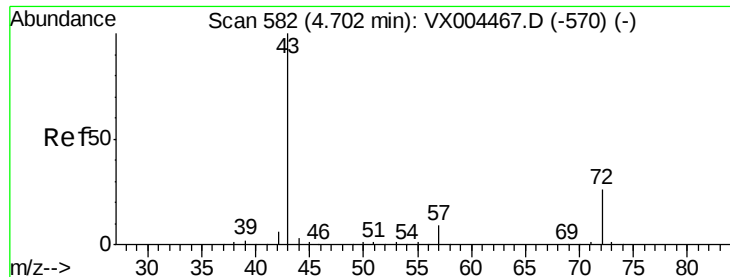
Tot Ion: 43 Resp: 10295
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



#20
Methylene Chloride
Concen: 3.28 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004638.D
Acq: 17 Sep 2018 23:59

Tgt Ion: 84 Resp: 9469
Ion Ratio Lower Upper
84 100
49 110.2 101.2 151.8
51 32.1 29.5 44.3
86 51.4 52.3 78.5#





#25

2-Butanone

Concen: 2.80 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004638.D

Acq: 17 Sep 2018 23:59

Instrument :

MSVOA_X

ClientSampleId :

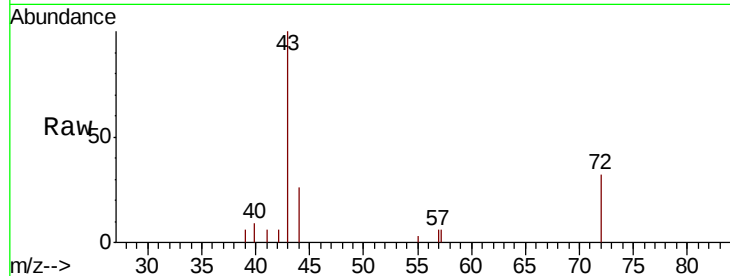
PB112894ZHE#13

Tot Ion: 43 Resp: 6262

Ion Ratio Lower Upper

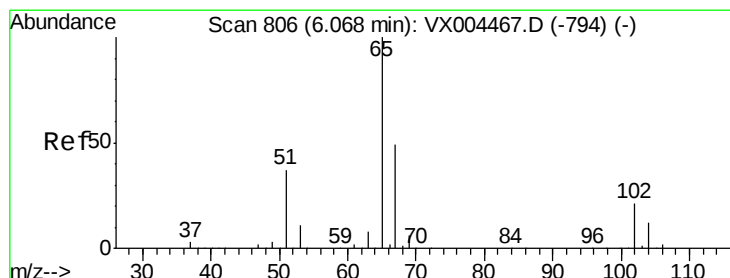
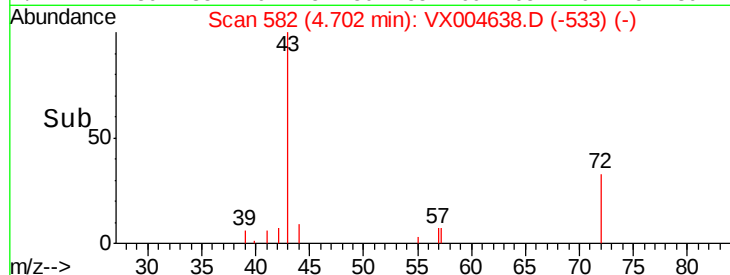
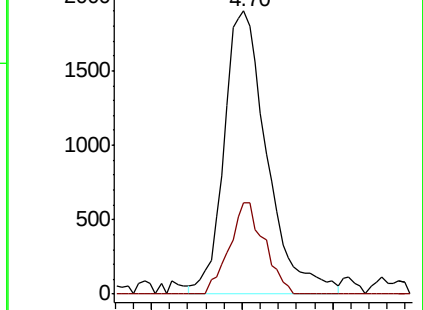
43 100

72 33.1 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: 52.59 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004638.D

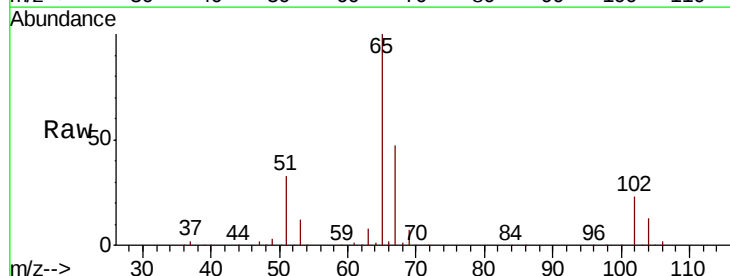
Acq: 17 Sep 2018 23:59

Tgt Ion: 65 Resp: 151475

Ion Ratio Lower Upper

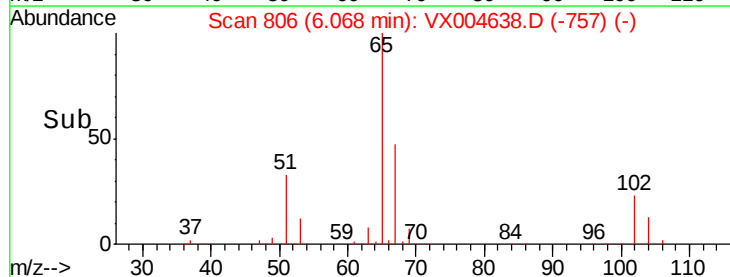
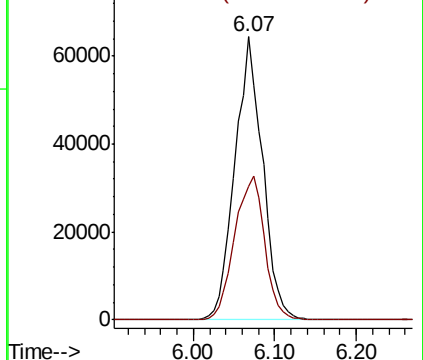
65 100

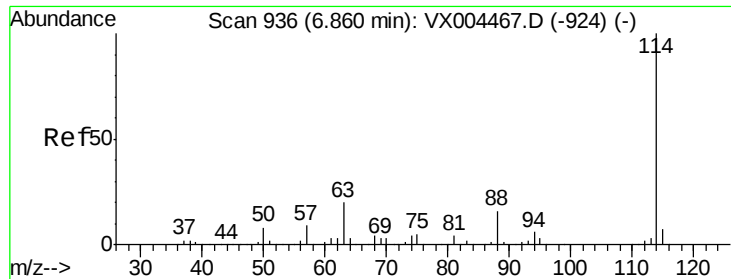
67 55.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

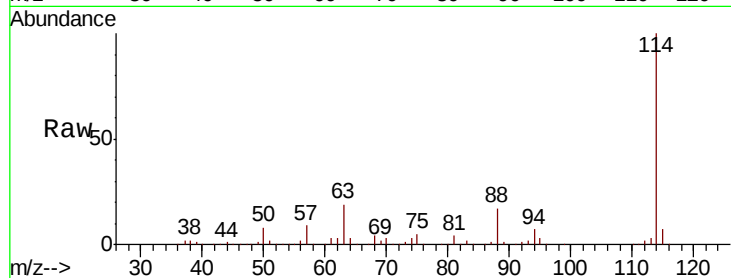




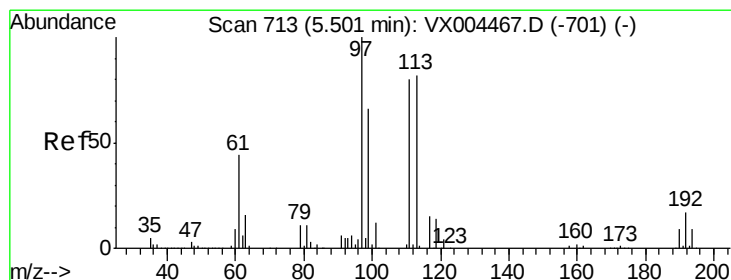
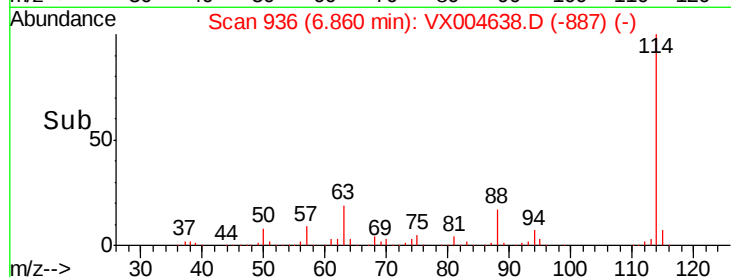
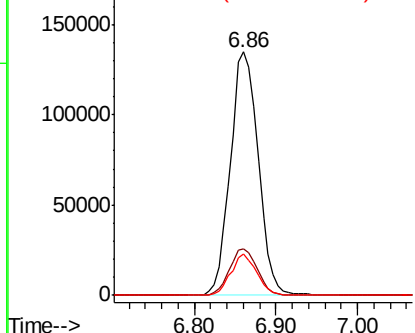
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004638.D
 Acq: 17 Sep 2018 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#13

Tot Ion:114 Resp: 318376
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 16.9 0.0 30.4

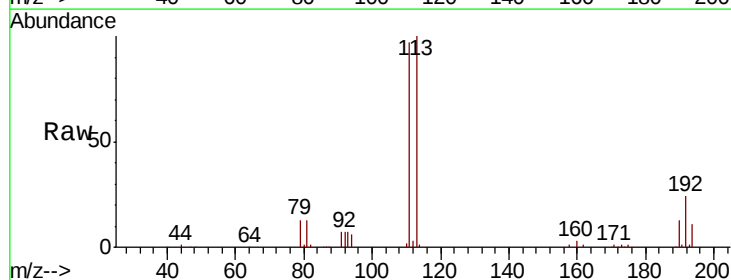


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

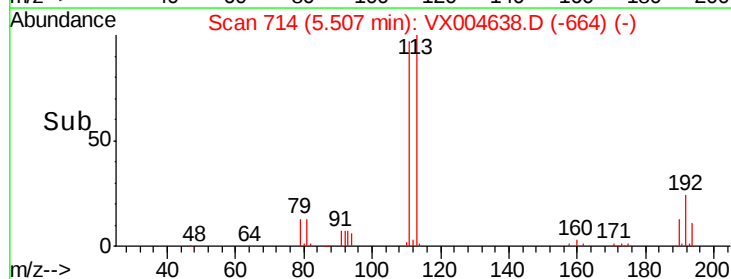
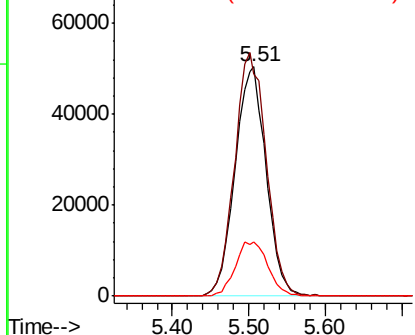


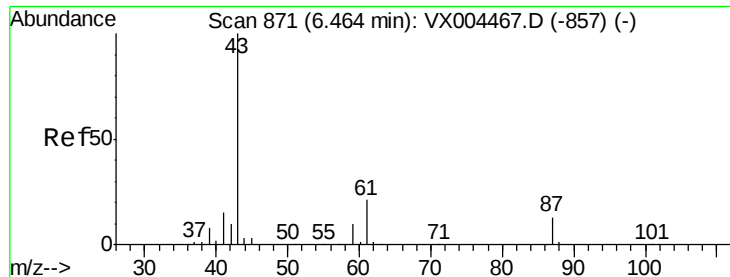
#35
 Dibromofluoromethane
 Concen: 48.77 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004638.D
 Acq: 17 Sep 2018 23:59

Tgt Ion:113 Resp: 142080
 Ion Ratio Lower Upper
 113 100
 111 107.8 82.4 123.6
 192 24.7 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: 27.47 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004638.D

Acq: 17 Sep 2018 23:59

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#13

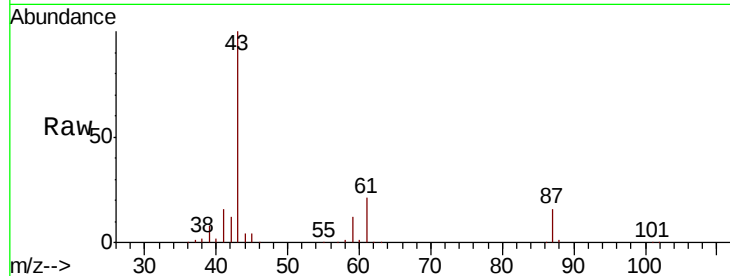
Tot Ion: 43 Resp: 160393

Ion Ratio Lower Upper

43 100

61 20.9 17.0 25.4

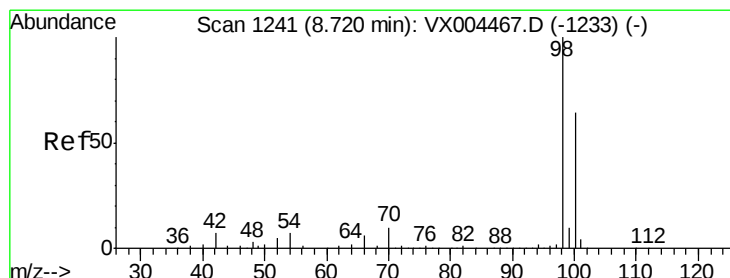
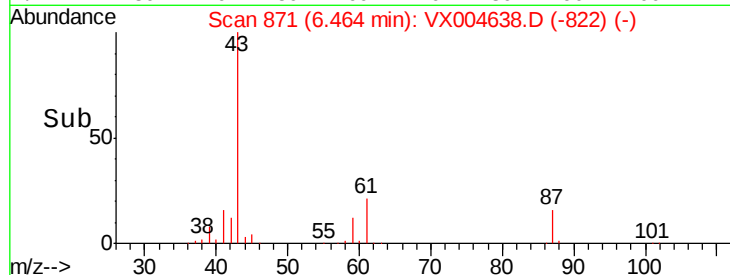
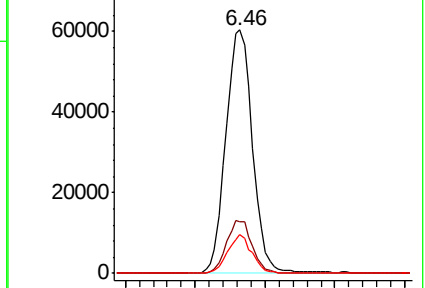
87 14.4 11.4 17.2



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: 45.78 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004638.D

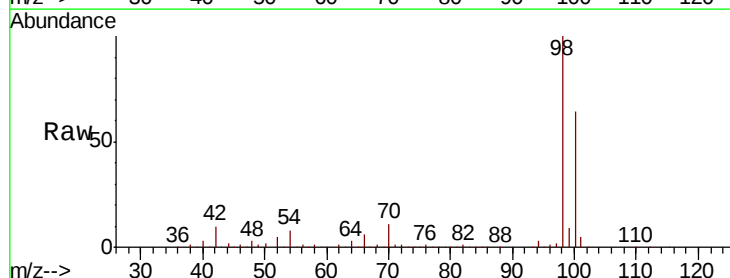
Acq: 17 Sep 2018 23:59

Tgt Ion: 98 Resp: 447252

Ion Ratio Lower Upper

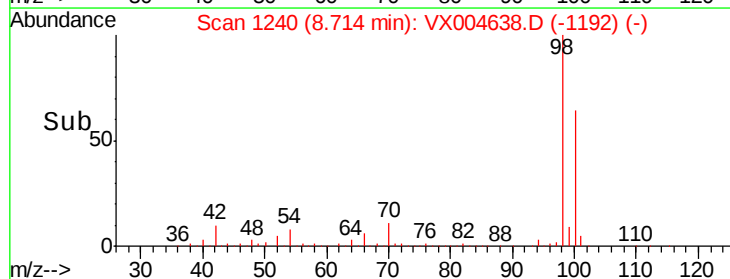
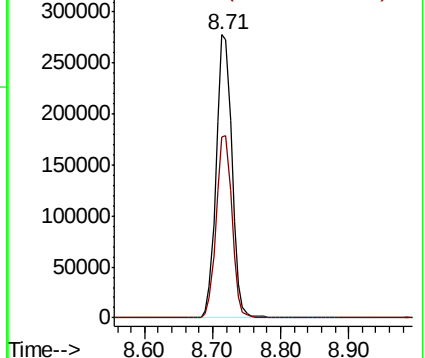
98 100

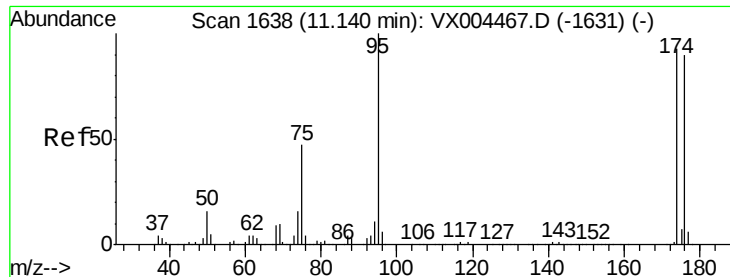
100 64.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

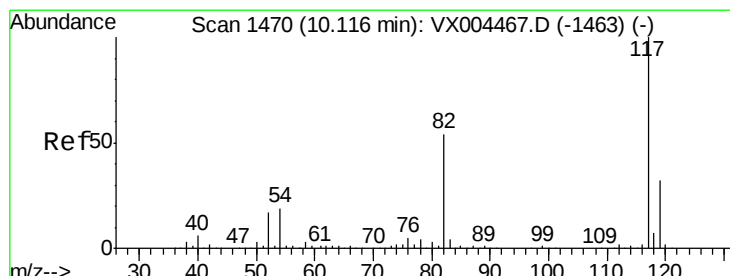
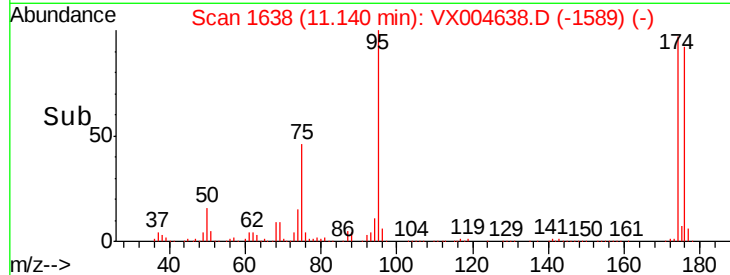
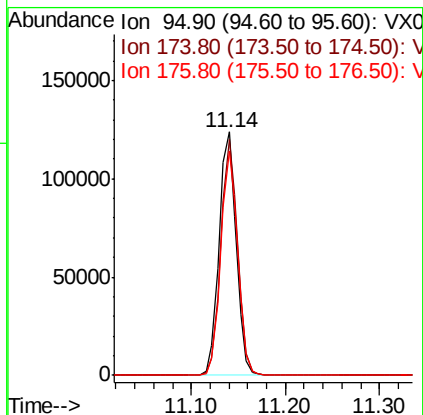
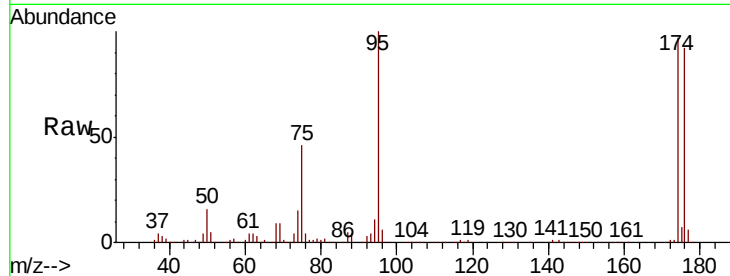




#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004638.D
Acq: 17 Sep 2018 23:59

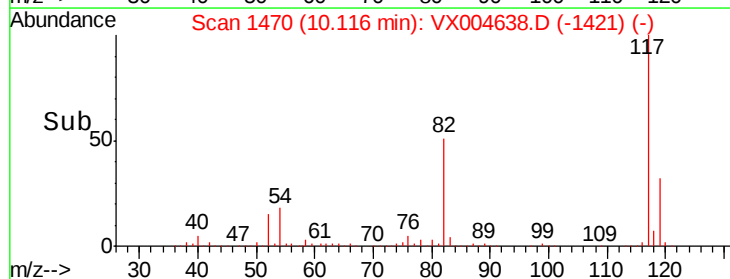
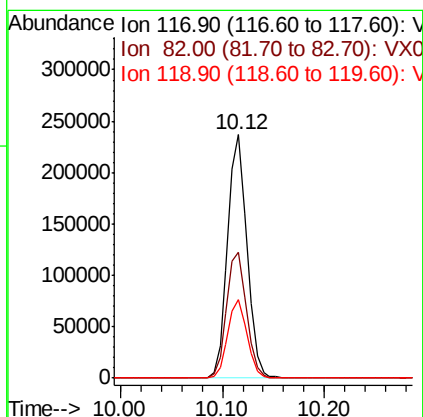
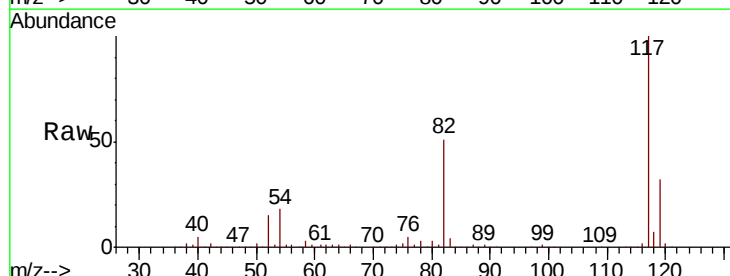
Instrument :
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PB112894ZHE#13

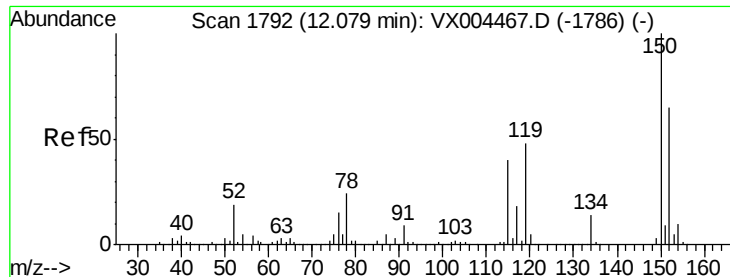
Tot Ion: 95 Resp: 156423
Ion Ratio Lower Upper
95 100
174 95.2 0.0 185.2
176 90.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004638.D
Acq: 17 Sep 2018 23:59

Tgt Ion: 117 Resp: 310523
Ion Ratio Lower Upper
117 100
82 51.5 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: VX004638.D

Acq: 17 Sep 2018 23:59

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#13

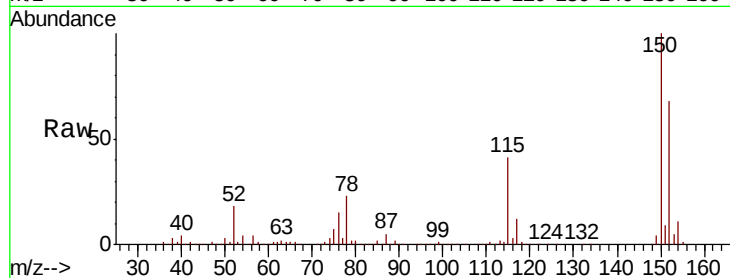
Tot Ion:152 Resp: 191917

Ion Ratio Lower Upper

152 100

115 57.8 39.0 117.0

150 153.4 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

