

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004628.D
 Acq On : 17 Sep 2018 19:32
 Operator : JC/MD
 Sample : PB112894ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#03

Quant Time: Sep 18 01:28:01 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	215300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170810	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	145692	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
35) Dibromofluoromethane	5.51	113	137184	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
50) Toluene-d8	8.71	98	459858	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
62) 4-Bromofluorobenzene	11.14	95	162139	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	

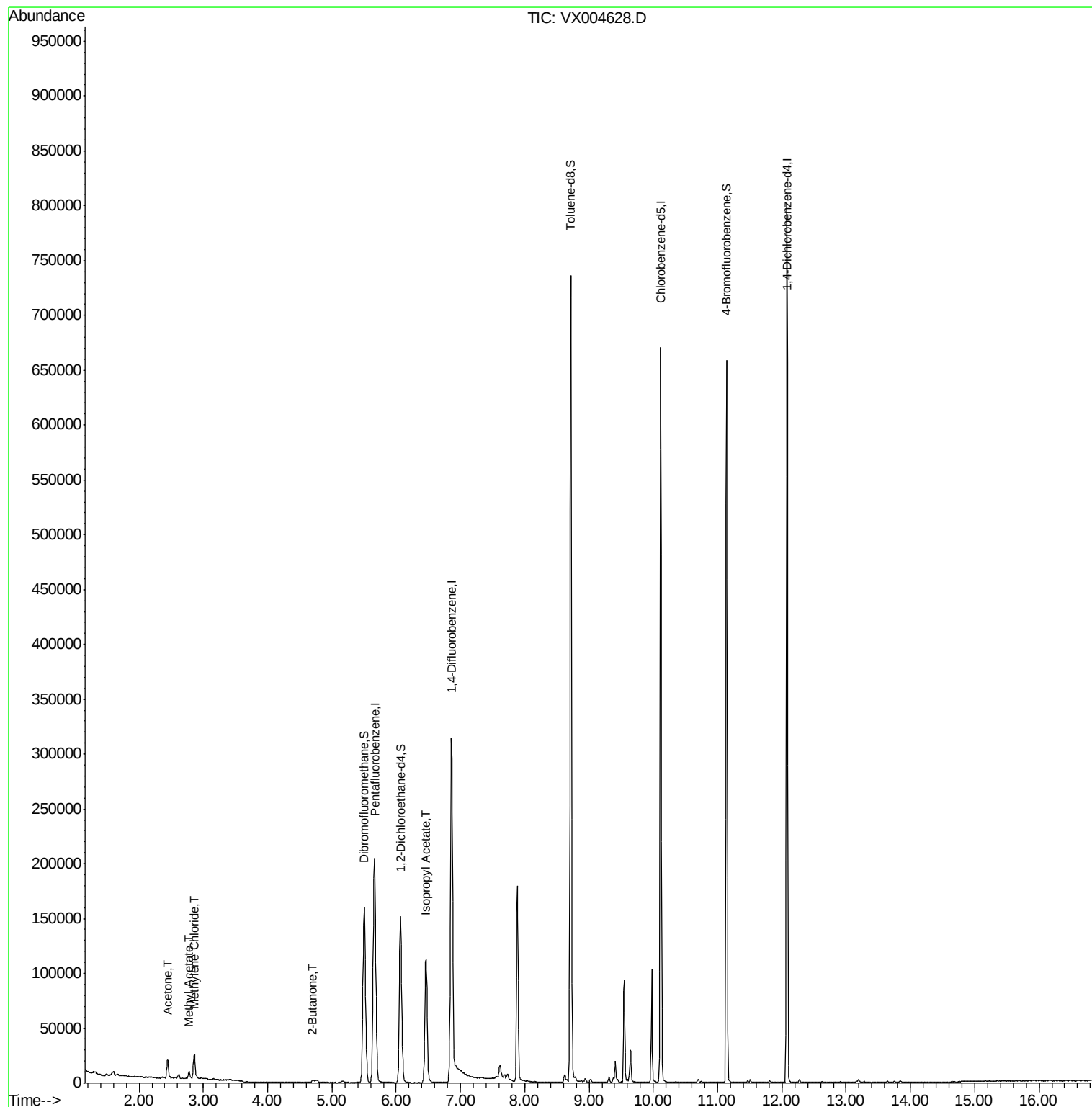
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	18965	14.00	ug/l	# 88
18) Methyl Acetate	2.78	43	7934	2.09	ug/l	98
20) Methylene Chloride	2.86	84	11233	4.04	ug/l	91
25) 2-Butanone	4.70	43	4861	2.25	ug/l	99
43) Isopropyl Acetate	6.46	43	148949	24.53	ug/l	98

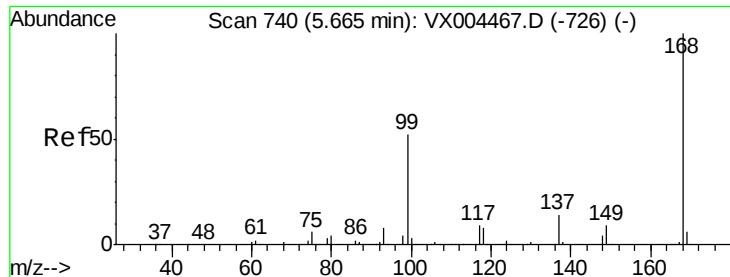
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 741

Delta R.T. 0.01 min

Lab File: VX004628.D

Acq: 17 Sep 2018 19:32

Instrument :

MSVOA_X

ClientSampleId :

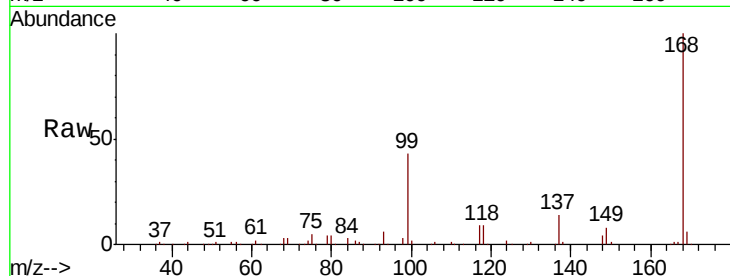
PB112894ZHE#03

Tot Ion:168 Resp: 215300

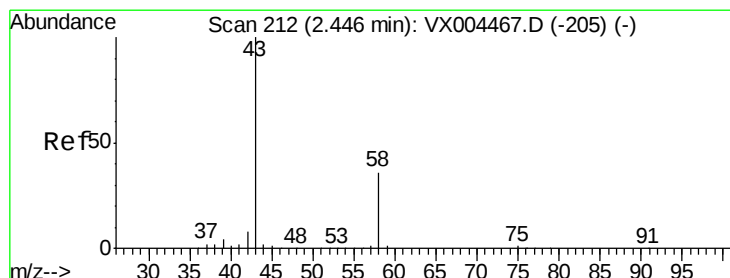
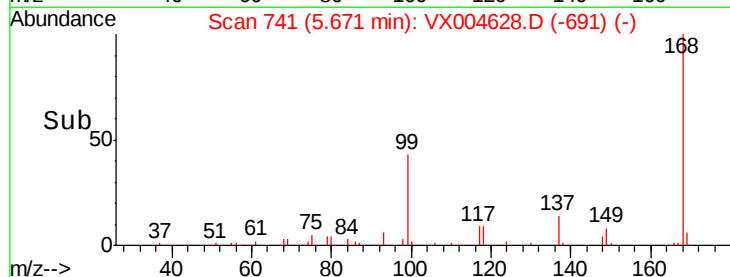
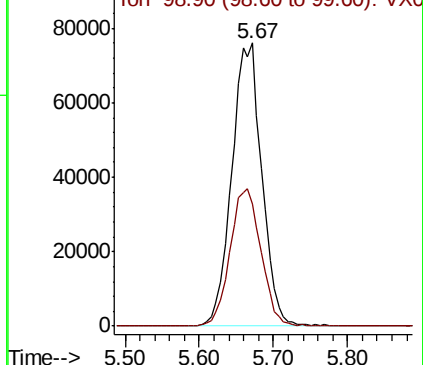
Ion Ratio Lower Upper

168 100

99 43.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)



#16

Acetone

Concen: 14.00 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004628.D

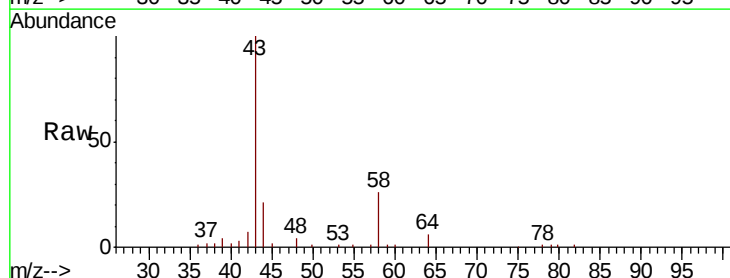
Acq: 17 Sep 2018 19:32

Tgt Ion: 43 Resp: 18965

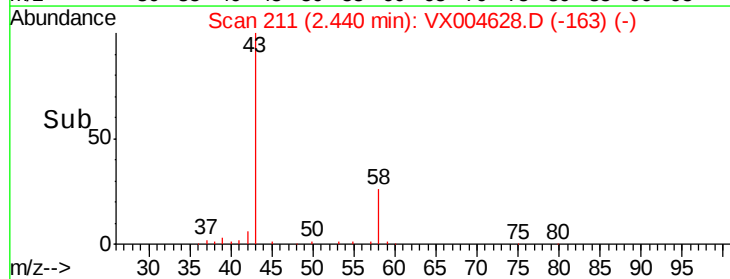
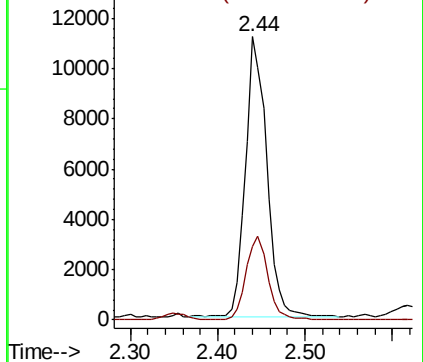
Ion Ratio Lower Upper

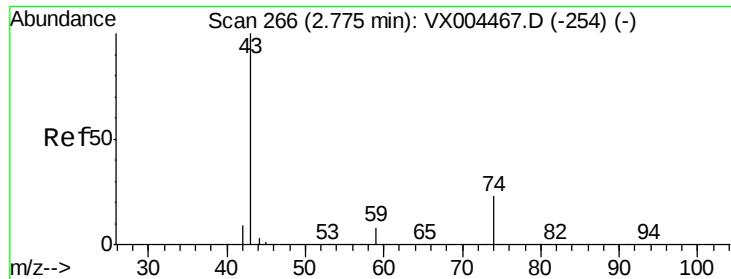
43 100

58 26.2 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX004467.D (-205) (-)





#18

Methyl Acetate

Concen: 2.09 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004628.D

Acq: 17 Sep 2018 19:32

Instrument :

MSVOA_X

ClientSampleId :

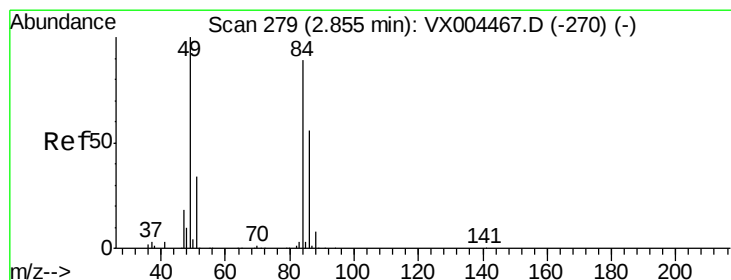
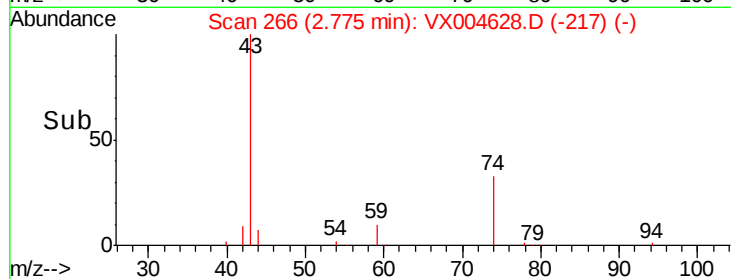
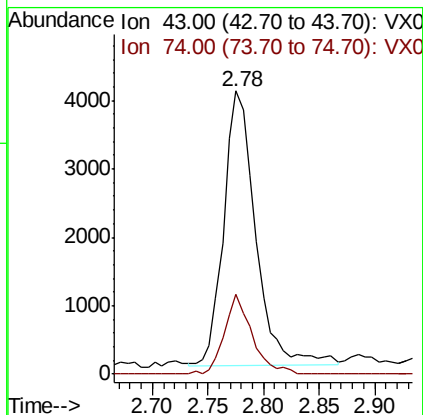
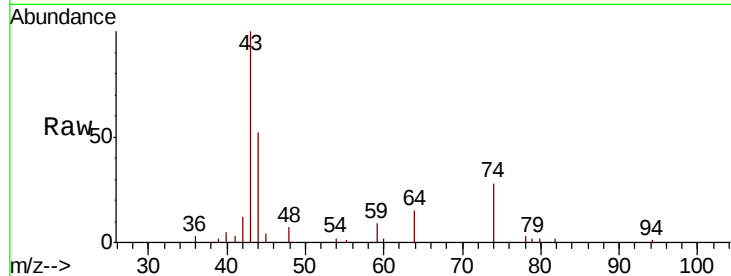
PB112894ZHE#03

Tot Ion: 43 Resp: 7934

Ion Ratio Lower Upper

43 100

74 25.4 19.4 29.2



#20

Methylene Chloride

Concen: 4.04 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004628.D

Acq: 17 Sep 2018 19:32

Tgt Ion: 84 Resp: 11233

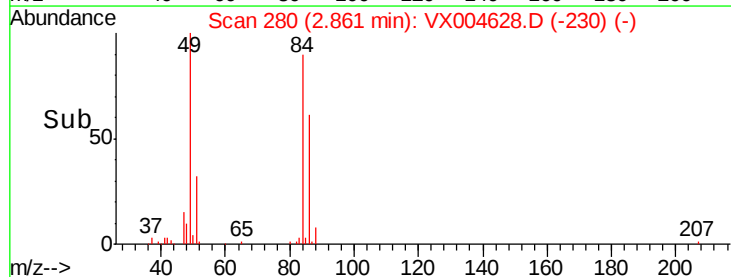
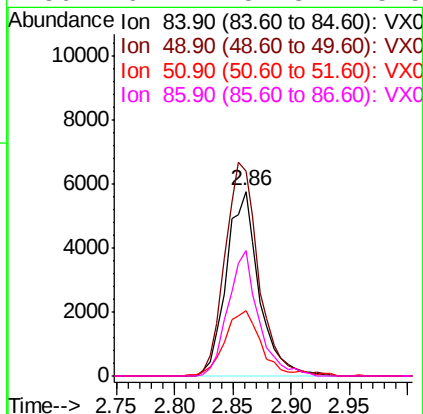
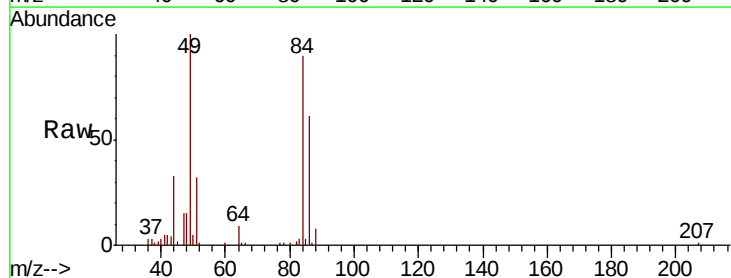
Ion Ratio Lower Upper

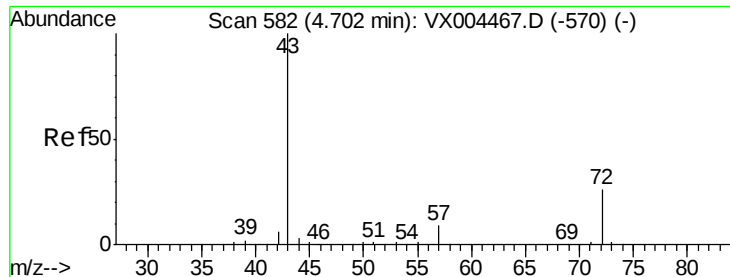
84 100

49 111.0 101.2 151.8

51 35.3 29.5 44.3

86 67.7 52.3 78.5





#25

2-Butanone

Concen: 2.25 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004628.D

Acq: 17 Sep 2018 19:32

Instrument :

MSVOA_X

ClientSampleId :

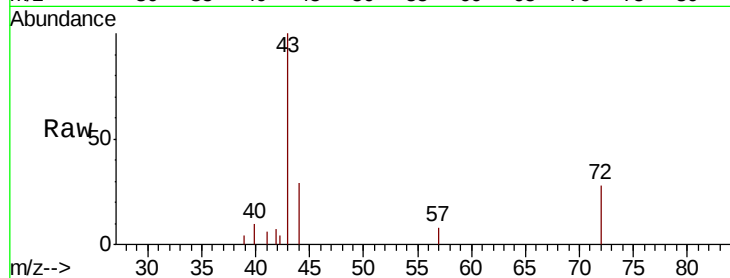
PB112894ZHE#03

Tot Ion: 43 Resp: 4861

Ion Ratio Lower Upper

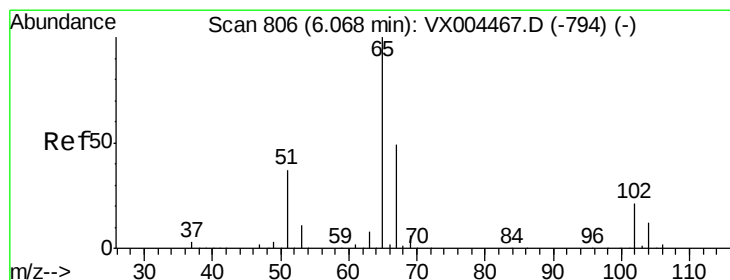
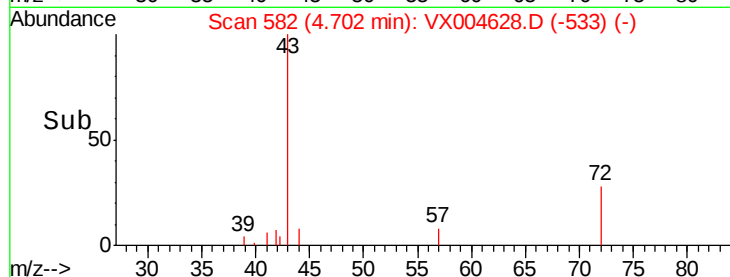
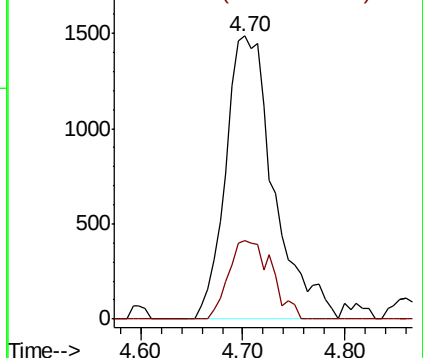
43 100

72 27.8 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: 52.48 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004628.D

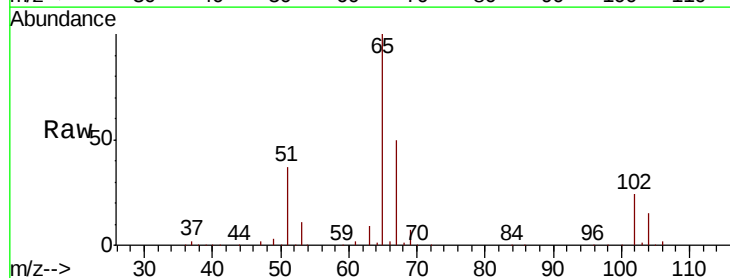
Acq: 17 Sep 2018 19:32

Tgt Ion: 65 Resp: 145692

Ion Ratio Lower Upper

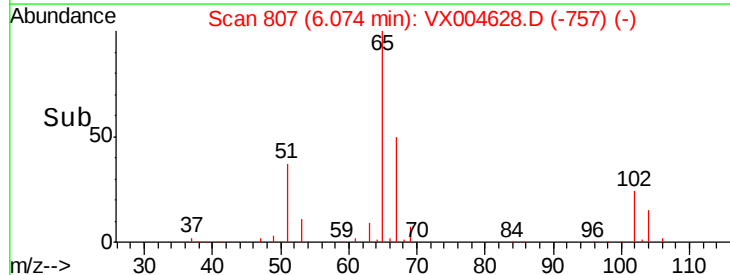
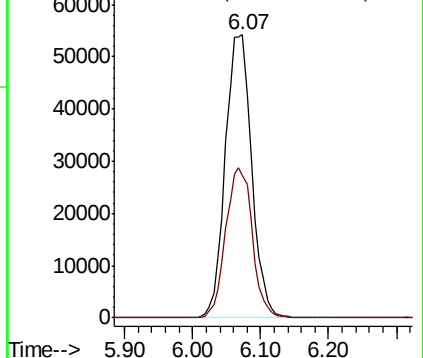
65 100

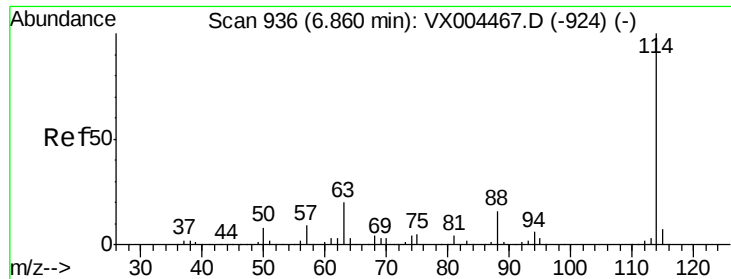
67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

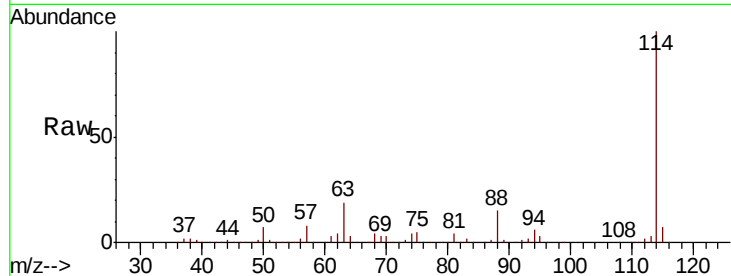




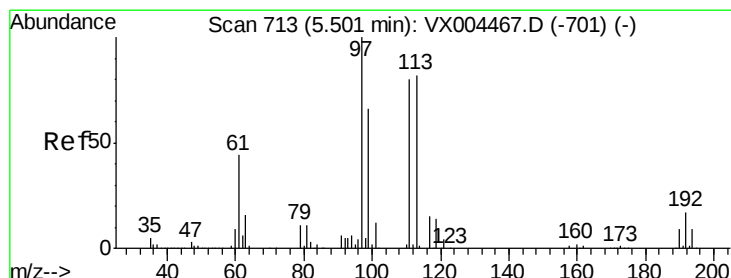
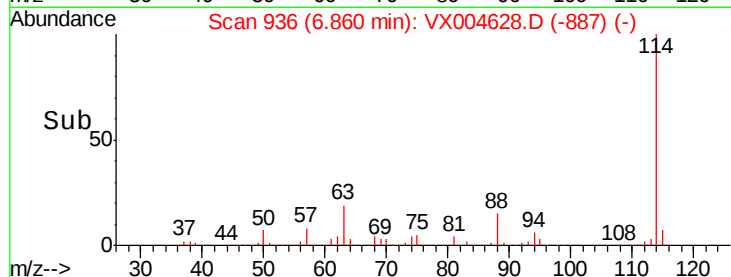
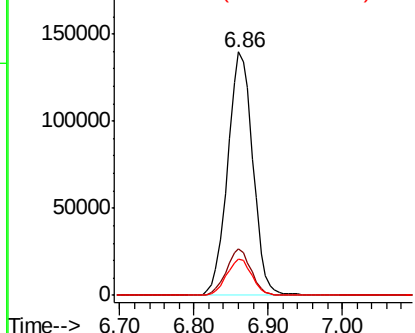
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004628.D
 Acq: 17 Sep 2018 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#03

Tot Ion:114 Resp: 331104
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.0
 88 14.9 0.0 30.4

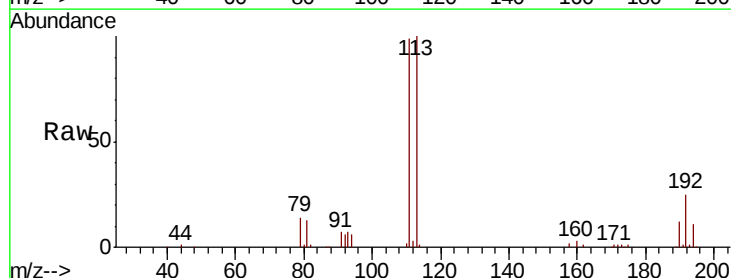


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

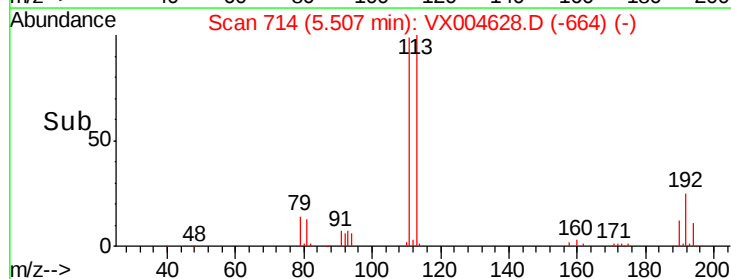
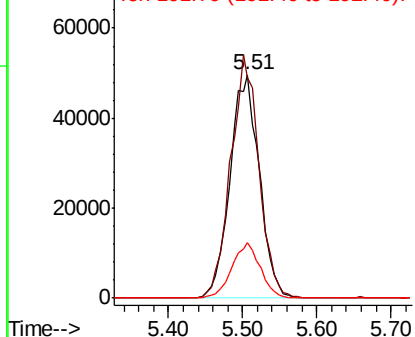


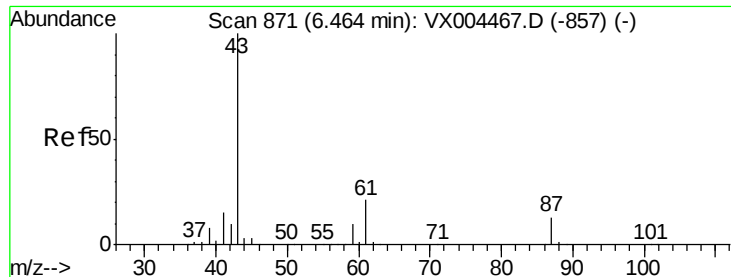
#35
 Dibromofluoromethane
 Concen: 45.28 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004628.D
 Acq: 17 Sep 2018 19:32

Tgt Ion:113 Resp: 137184
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.4 123.6
 192 24.0 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: 24.53 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004628.D

Acq: 17 Sep 2018 19:32

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#03

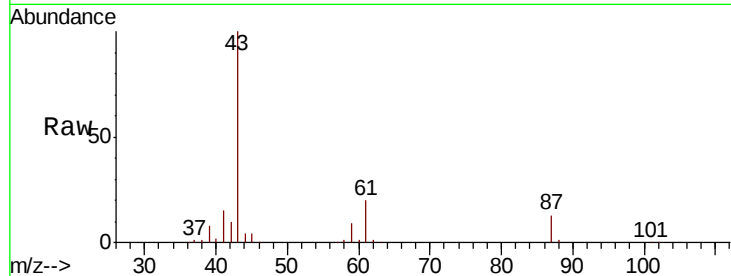
Tot Ion: 43 Resp: 148949

Ion Ratio Lower Upper

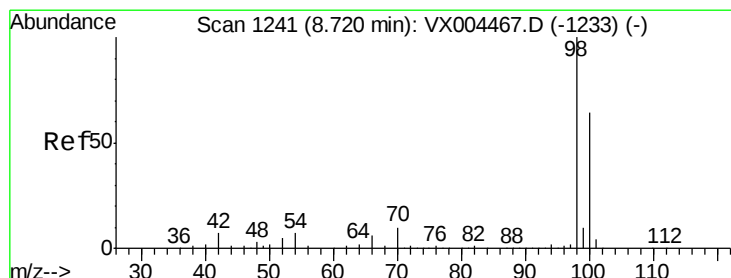
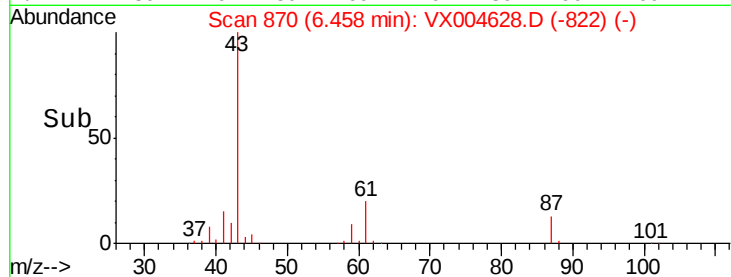
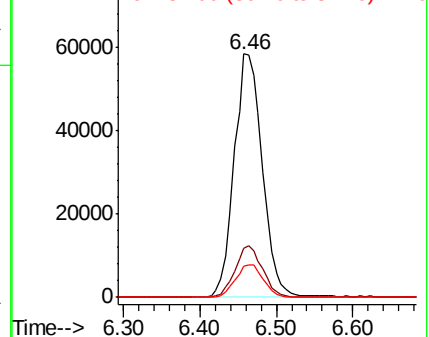
43 100

61 20.6 17.0 25.4

87 13.5 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: 45.26 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004628.D

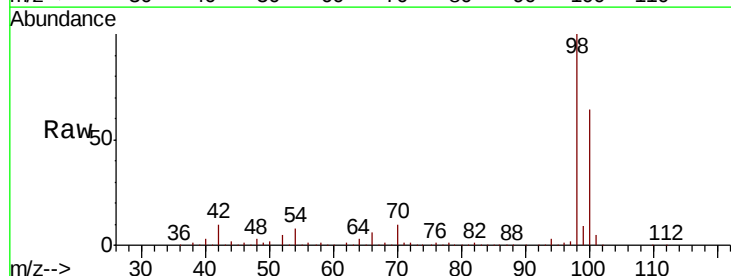
Acq: 17 Sep 2018 19:32

Tgt Ion: 98 Resp: 459858

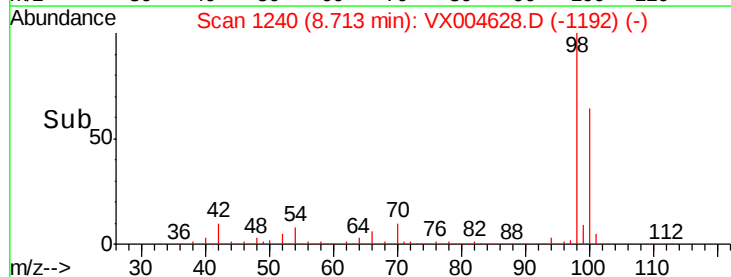
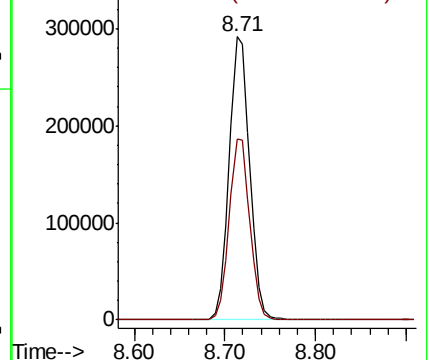
Ion Ratio Lower Upper

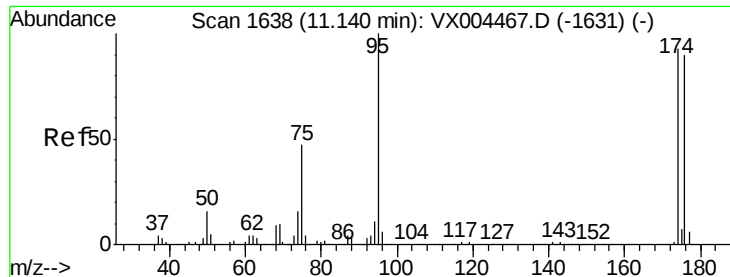
98 100

100 64.2 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: 44.70 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004628.D

Acq: 17 Sep 2018 19:32

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#03

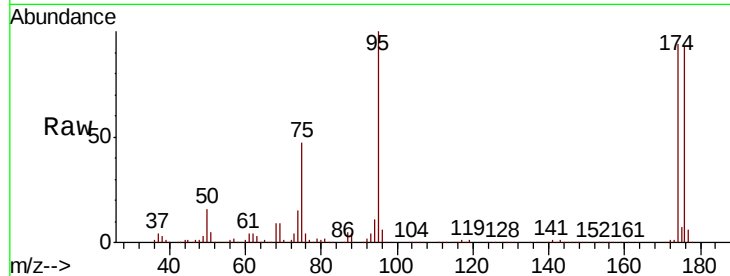
Tot Ion: 95 Resp: 162139

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.2

176 91.7 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)

11.14

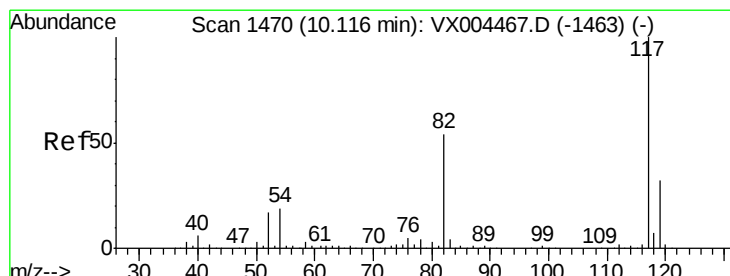
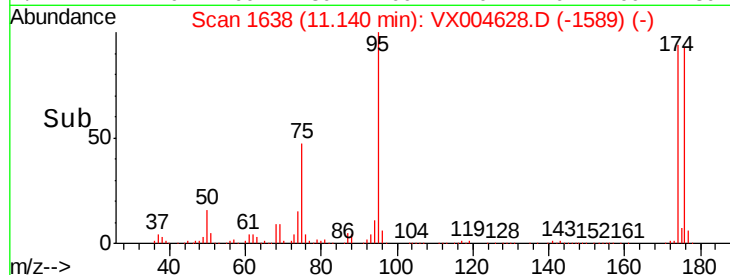
150000

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: VX004628.D

Acq: 17 Sep 2018 19:32

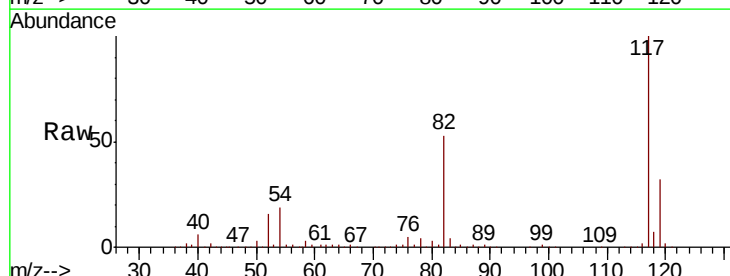
Tgt Ion: 117 Resp: 317445

Ion Ratio Lower Upper

117 100

82 53.0 47.8 71.6

119 32.3 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

10.12

300000

250000

200000

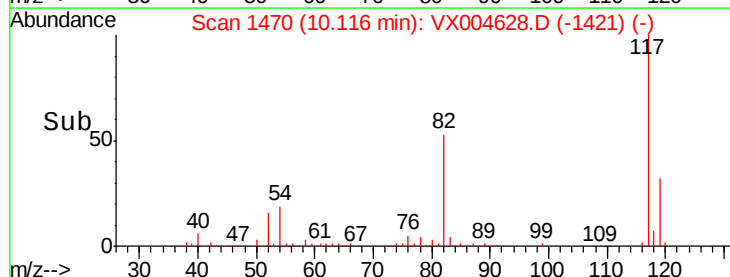
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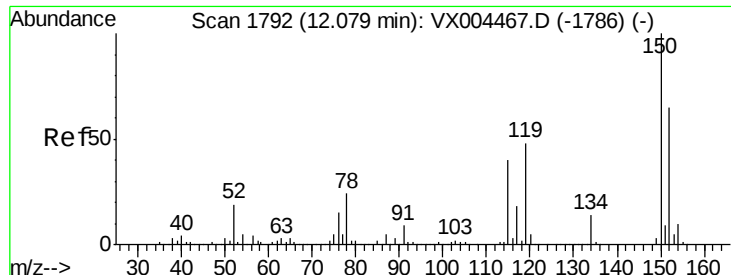
100000

50000

0

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004628.D
 Acq: 17 Sep 2018 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#03

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	39.0	117.0
150	157.5	0.0	351.0

