

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004626.D
 Acq On : 17 Sep 2018 18:38
 Operator : JC/MD
 Sample : PB112894ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#01

Quant Time: Sep 18 01:26:34 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	239146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182011	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	153257	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
35) Dibromofluoromethane	5.51	113	138612	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	
50) Toluene-d8	8.71	98	499703	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.14	95	173189	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	

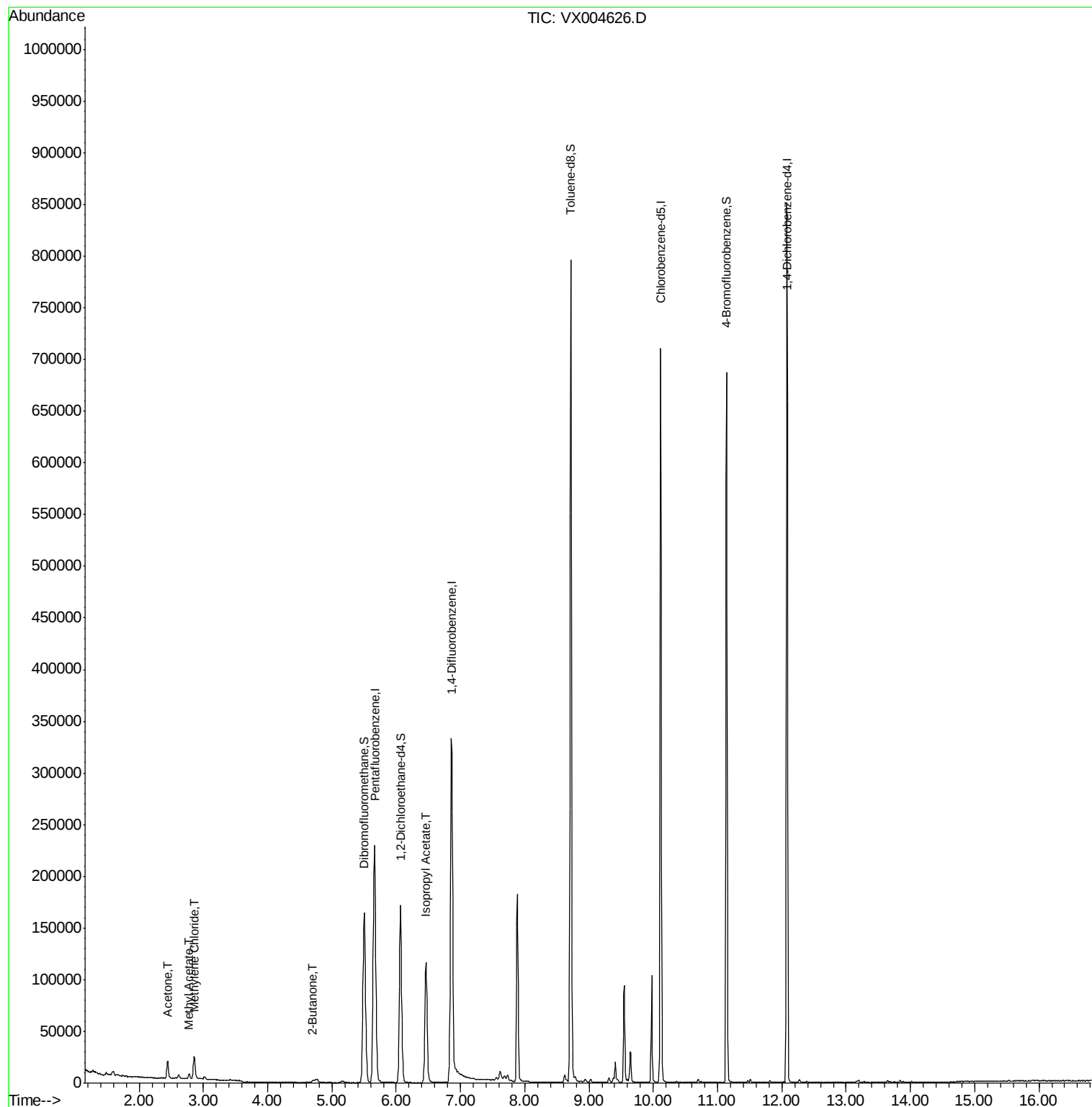
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	17606	11.70	ug/l	96
18) Methyl Acetate	2.78	43	6067	1.44	ug/l	94
20) Methylene Chloride	2.85	84	11062	3.58	ug/l	92
25) 2-Butanone	4.70	43	5031	2.10	ug/l	98
43) Isopropyl Acetate	6.46	43	150296	23.55	ug/l	99

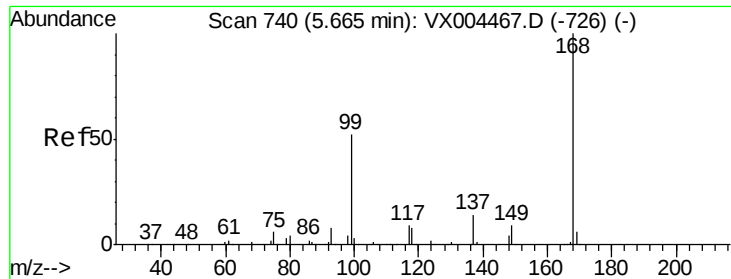
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
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: VX004626.D

Acq: 17 Sep 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

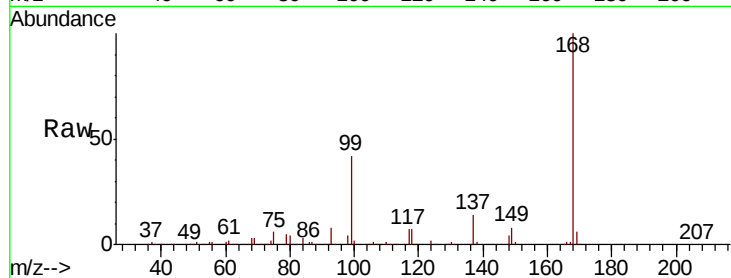
PB112894ZHE#01

Tot Ion:168 Resp: 239146

Ion Ratio Lower Upper

168 100

99 41.9 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

100000

80000

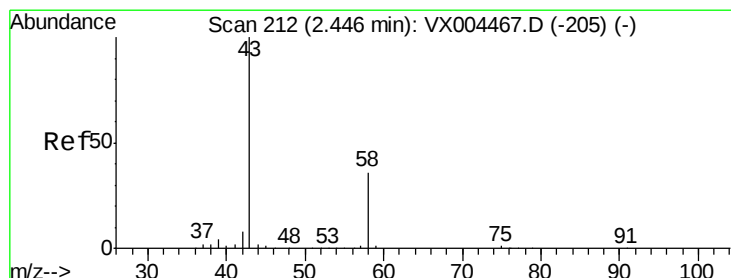
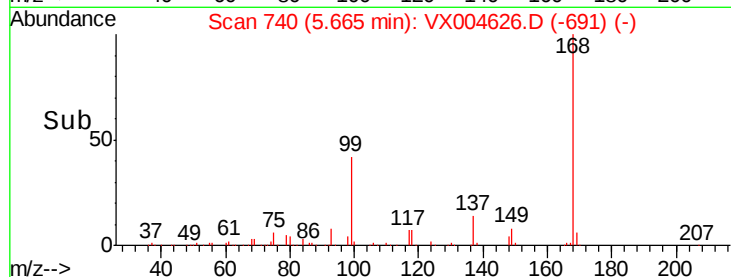
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.70 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004626.D

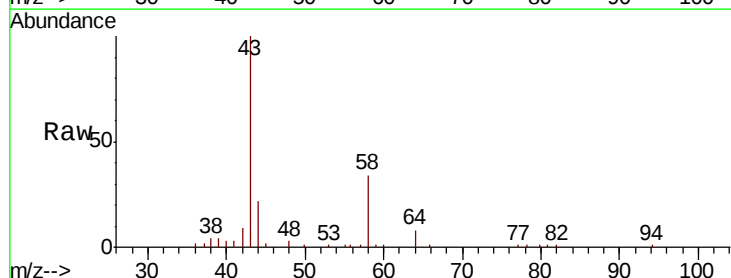
Acq: 17 Sep 2018 18:38

Tgt Ion: 43 Resp: 17606

Ion Ratio Lower Upper

43 100

58 34.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

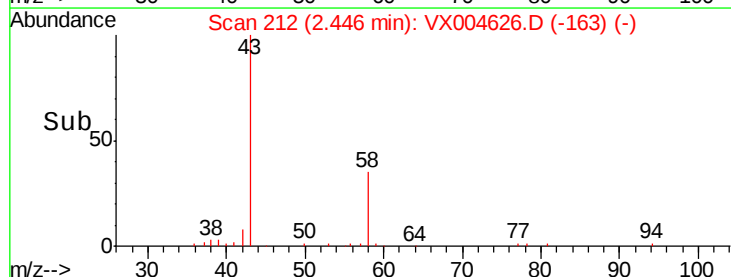
6000

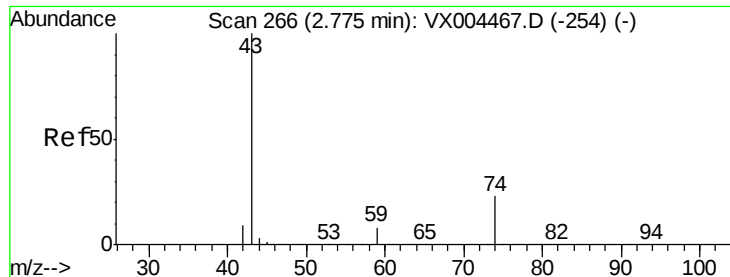
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

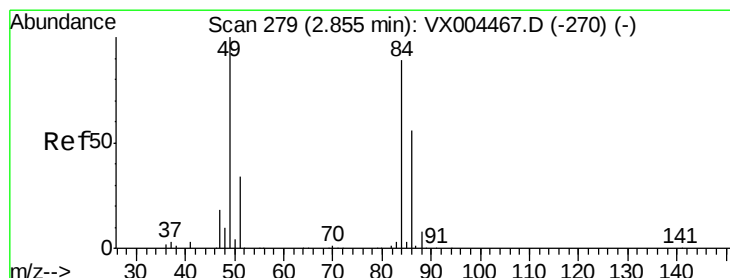
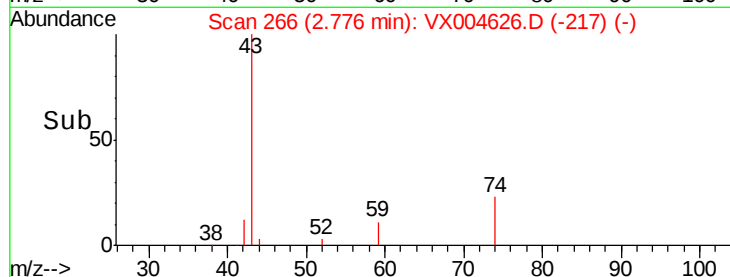
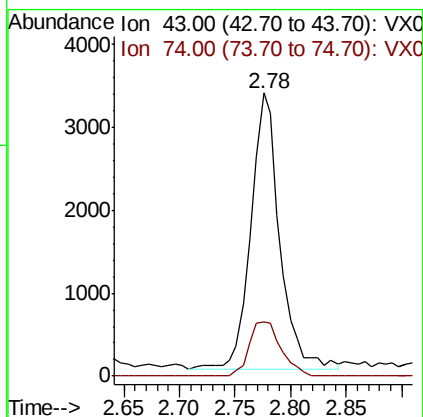
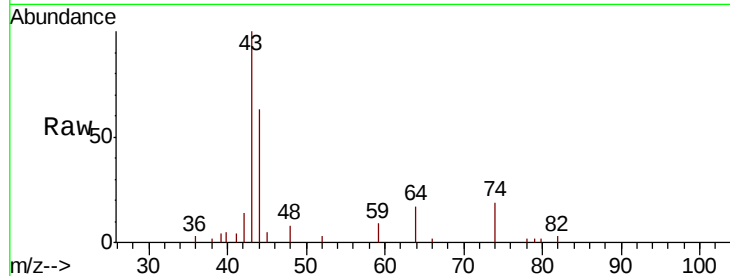




#18
Methyl Acetate
Concen: 1.44 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004626.D
Acq: 17 Sep 2018 18:38

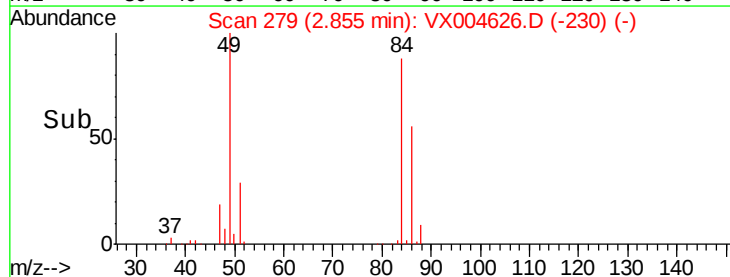
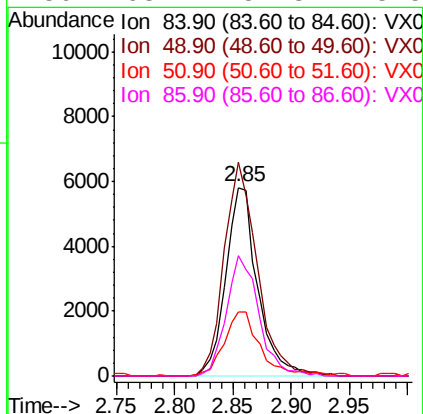
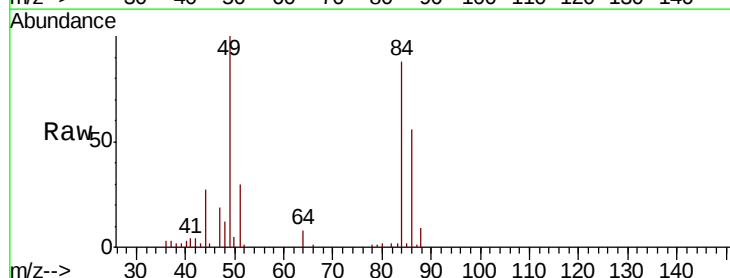
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#01

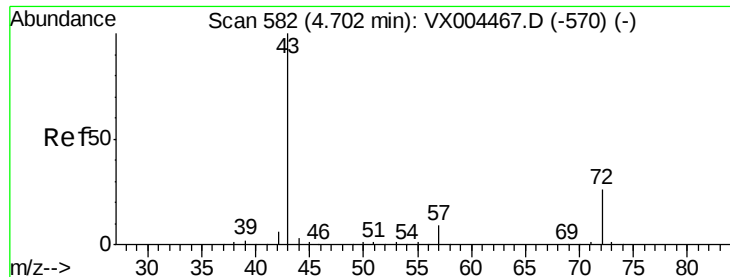
Tot Ion: 43 Resp: 6067
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2



#20
Methylene Chloride
Concen: 3.58 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004626.D
Acq: 17 Sep 2018 18:38

Tgt Ion: 84 Resp: 11062
Ion Ratio Lower Upper
84 100
49 113.5 101.2 151.8
51 34.3 29.5 44.3
86 63.7 52.3 78.5





#25

2-Butanone

Concen: 2.10 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004626.D

Acq: 17 Sep 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

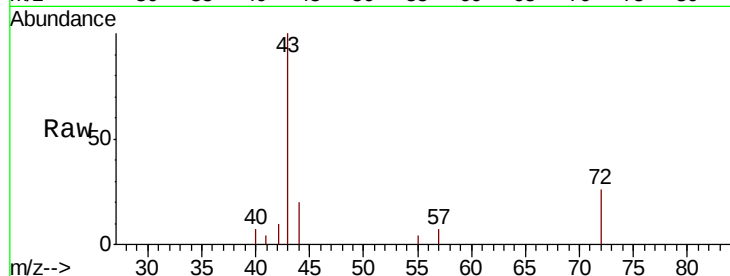
PB112894ZHE#01

Tot Ion: 43 Resp: 5031

Ion Ratio Lower Upper

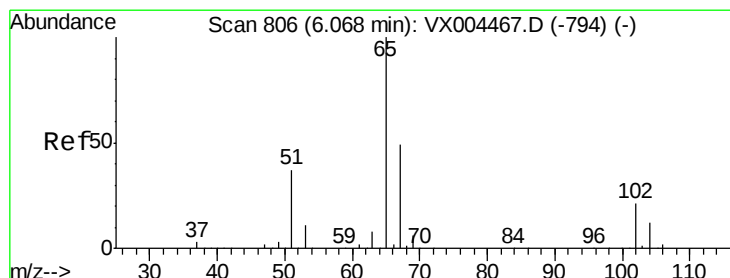
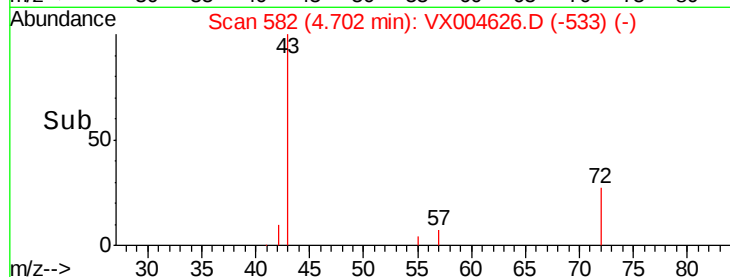
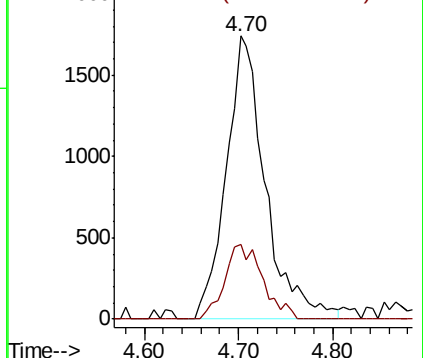
43 100

72 26.3 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: 49.70 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004626.D

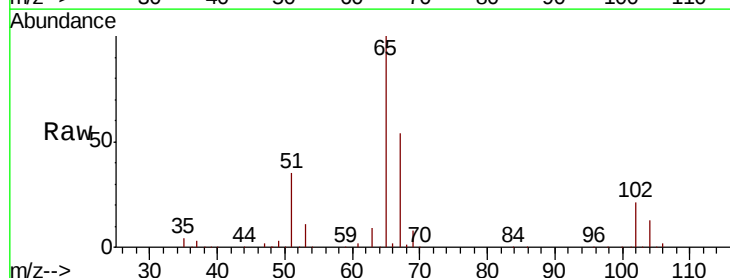
Acq: 17 Sep 2018 18:38

Tgt Ion: 65 Resp: 153257

Ion Ratio Lower Upper

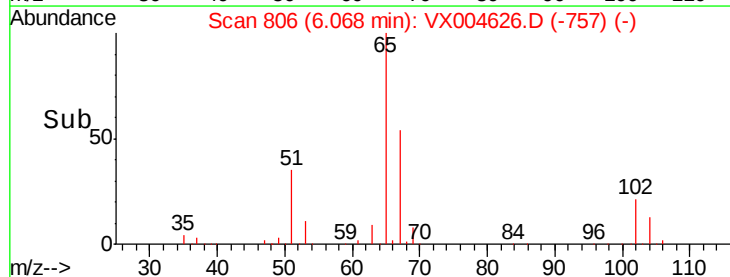
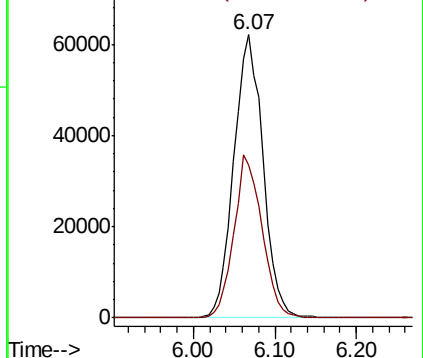
65 100

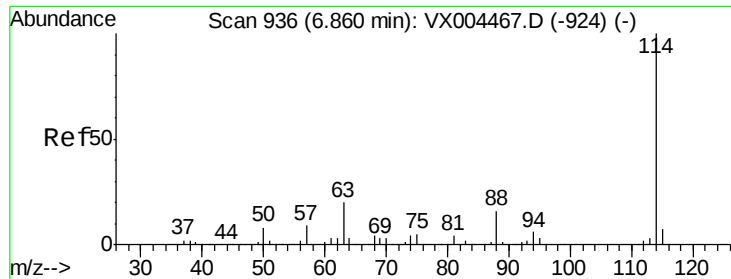
67 55.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

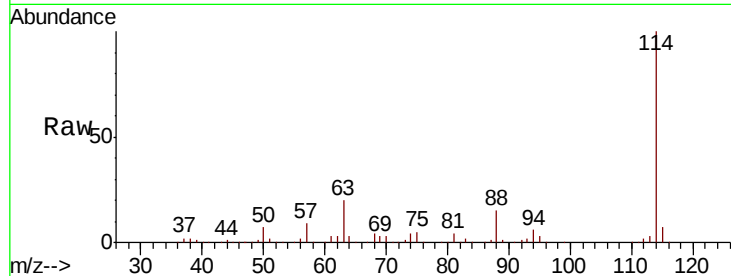




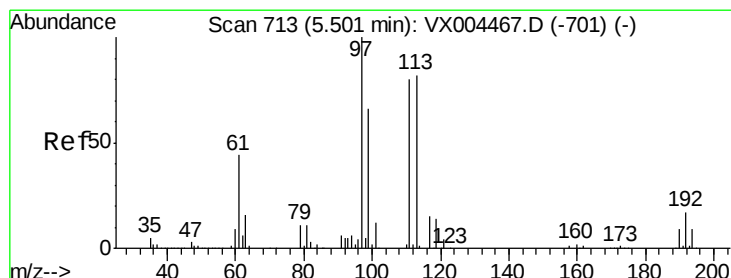
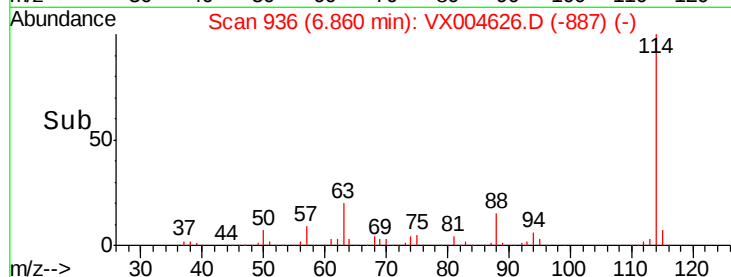
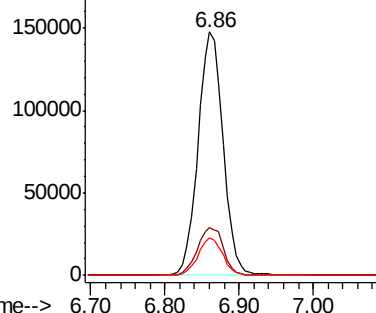
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004626.D
Acq: 17 Sep 2018 18:38

Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	15.4	0.0	30.4

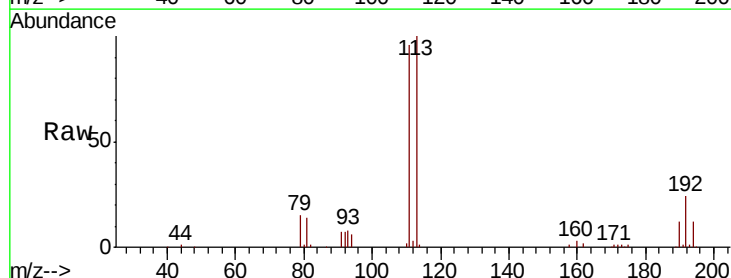


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

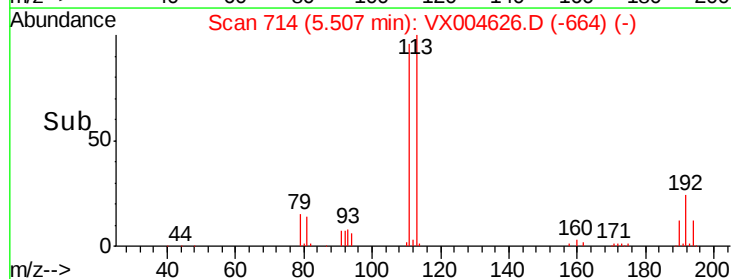
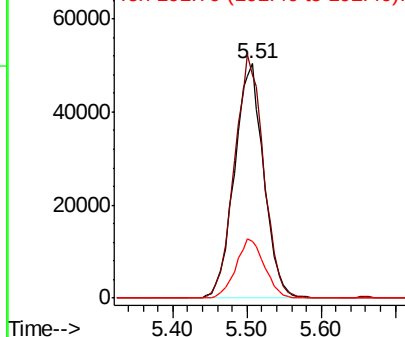


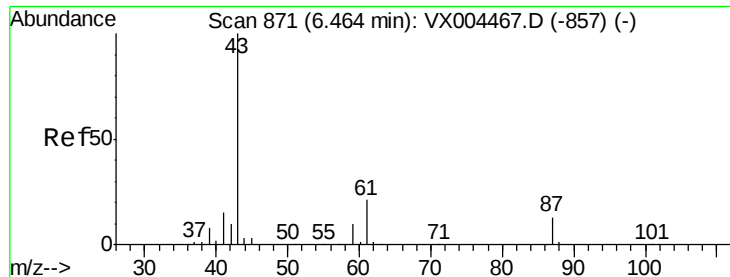
#35
Dibromofluoromethane
Concen: 43.54 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004626.D
Acq: 17 Sep 2018 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	24.6	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: 23.55 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004626.D

Acq: 17 Sep 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#01

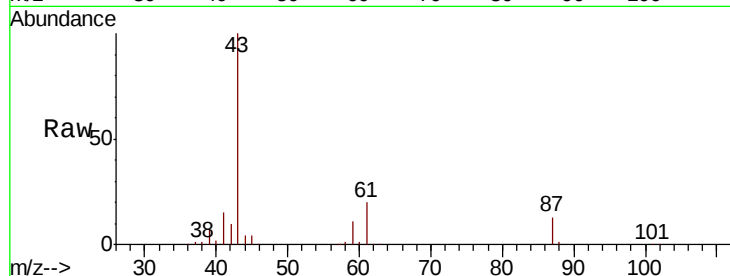
Tot Ion: 43 Resp: 150296

Ion Ratio Lower Upper

43 100

61 20.6 17.0 25.4

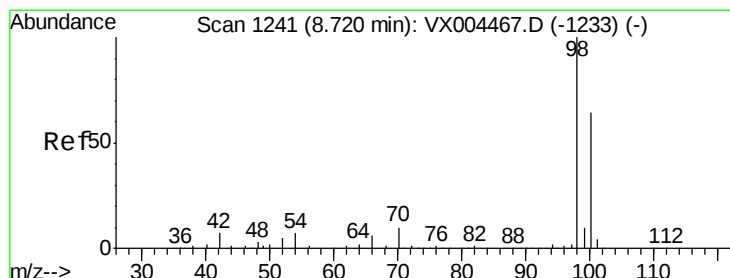
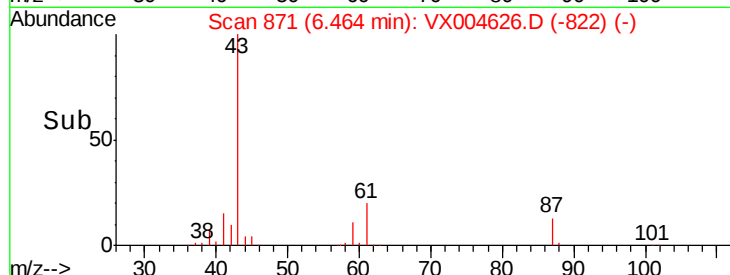
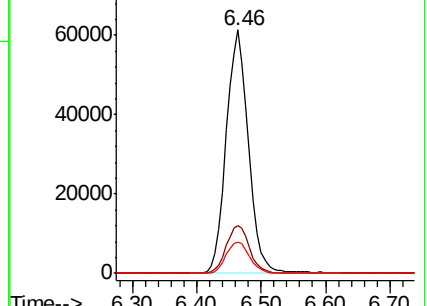
87 13.6 11.4 17.2



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: 46.80 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004626.D

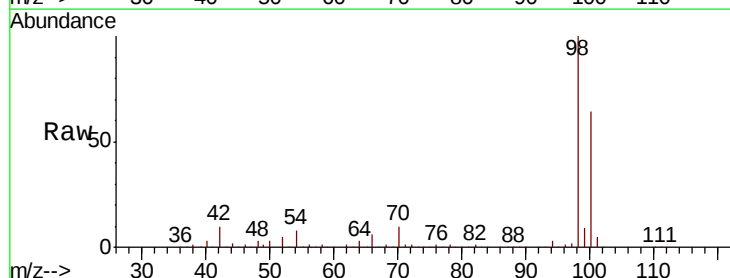
Acq: 17 Sep 2018 18:38

Tgt Ion: 98 Resp: 499703

Ion Ratio Lower Upper

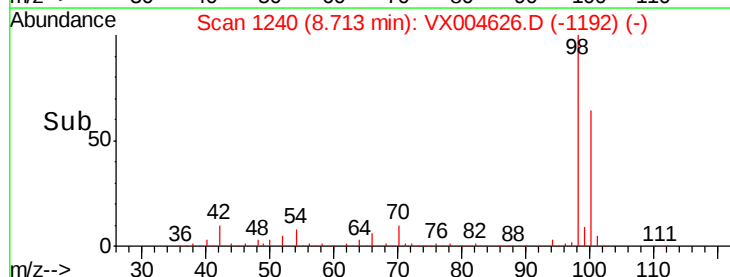
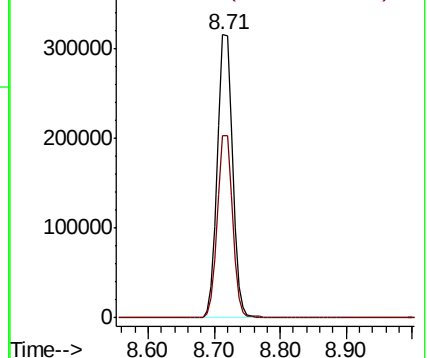
98 100

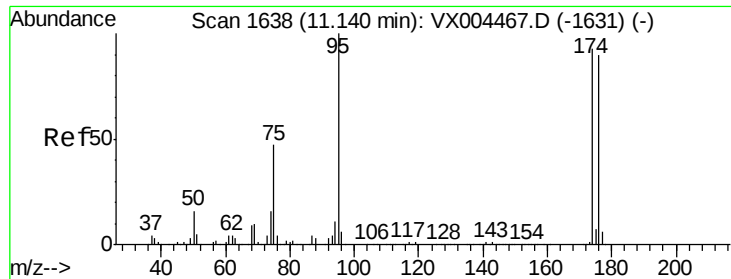
100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

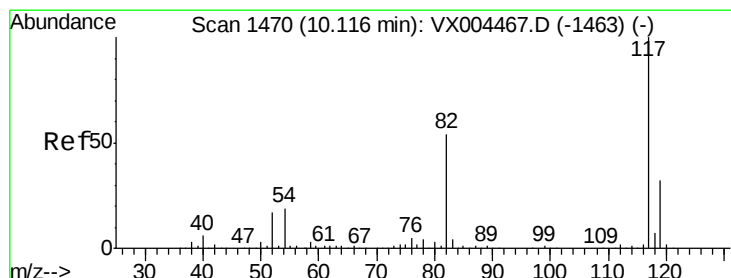
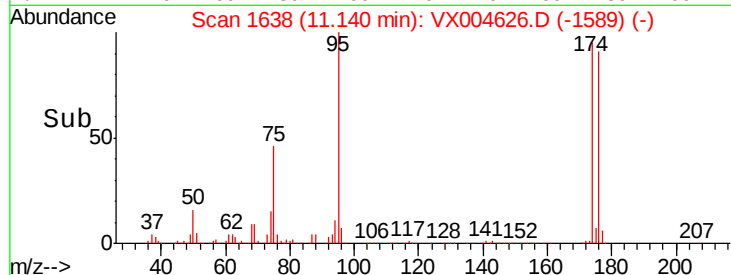
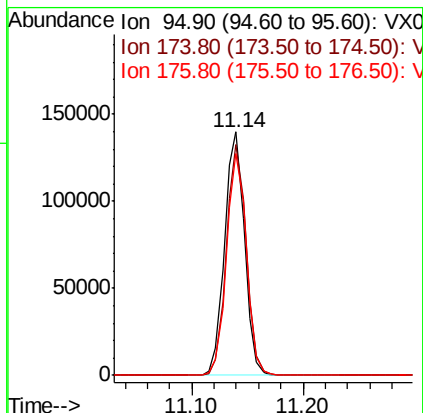
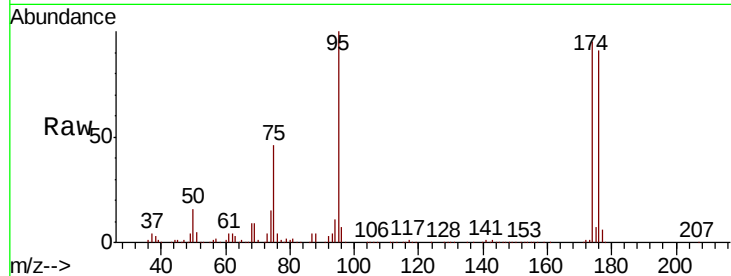




#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004626.D
Acq: 17 Sep 2018 18:38

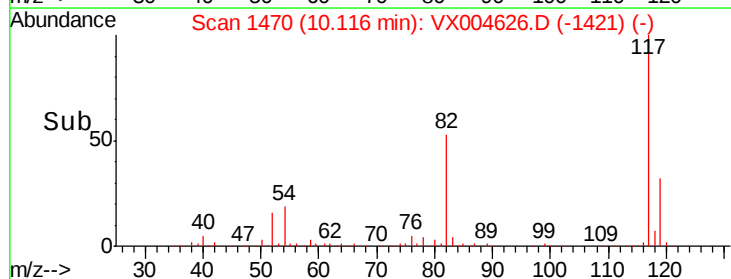
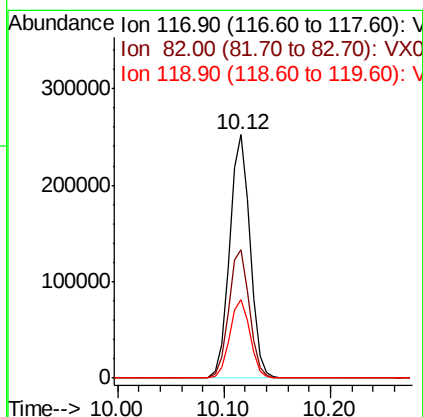
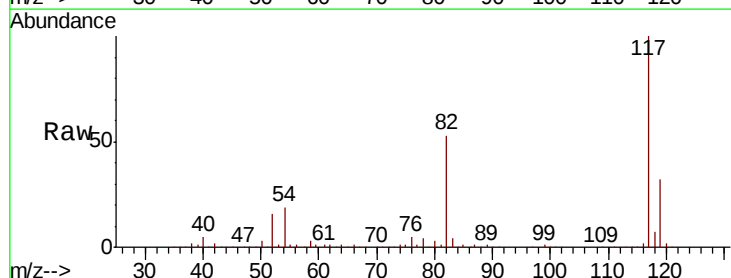
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#01

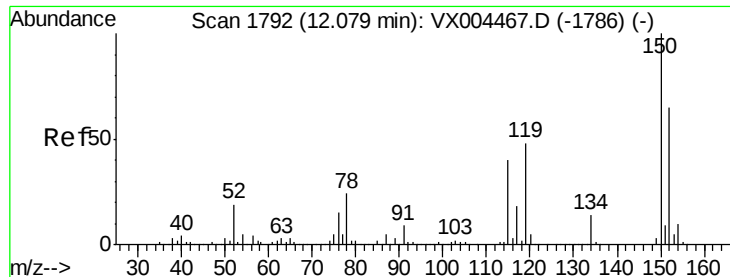
Tot Ion: 95 Resp: 173189
Ion Ratio Lower Upper
95 100
174 94.5 0.0 185.2
176 90.7 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004626.D
Acq: 17 Sep 2018 18:38

Tgt Ion: 117 Resp: 339944
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.6
119 32.5 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: VX004626.D

Acq: 17 Sep 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#01

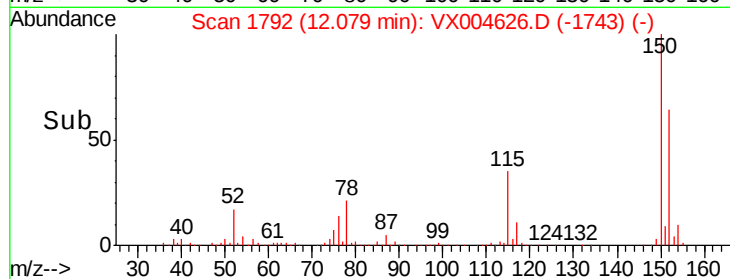
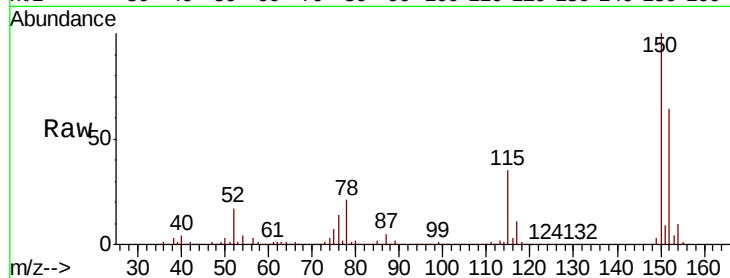
Tot Ion:152 Resp: 182011

Ion Ratio Lower Upper

152 100

115 54.5 39.0 117.0

150 156.1 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

