

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007357.D
 Acq On : 04 Feb 2019 14:16
 Operator : JC/SP
 Sample : PB116780ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116780ZHE#02

Quant Time: Feb 05 00:34:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

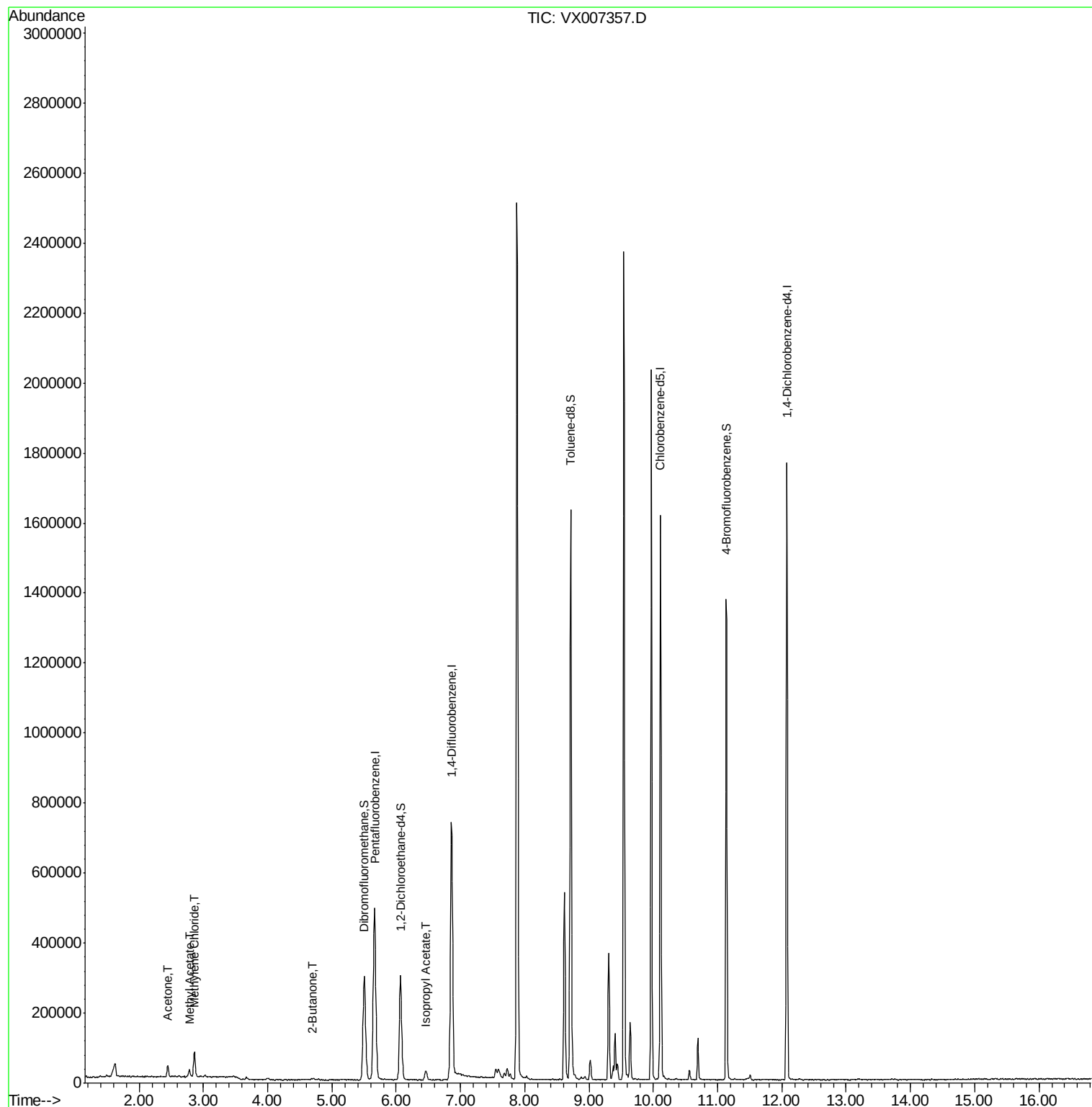
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	507198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	779838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	774388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	276158	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
35) Dibromofluoromethane	5.51	113	250438	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	982371	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.13	95	346706	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
16) Acetone	2.45	43	35202	14.275	ug/l	98
18) Methyl Acetate	2.78	43	27104	4.761	ug/l	99
20) Methylene Chloride	2.86	84	34252	6.457	ug/l	98
25) 2-Butanone	4.71	43	7883	2.246	ug/l #	80
43) Isopropyl Acetate	6.46	43	33851	3.101	ug/l	98

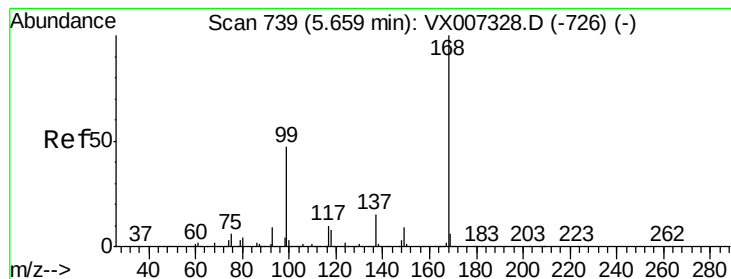
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007357.D

Acq: 04 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

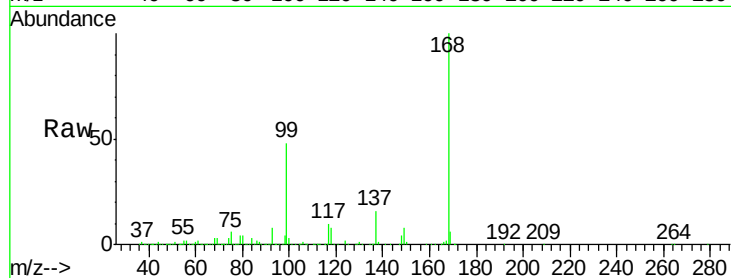
PB116780ZHE#02

Tot Ion:168 Resp: 507198

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

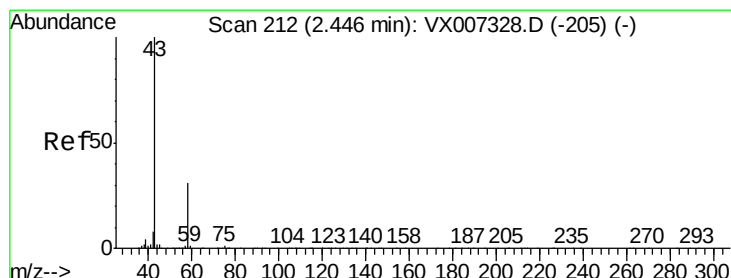
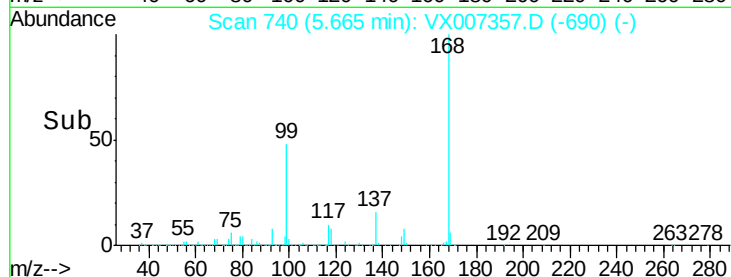
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.275 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007357.D

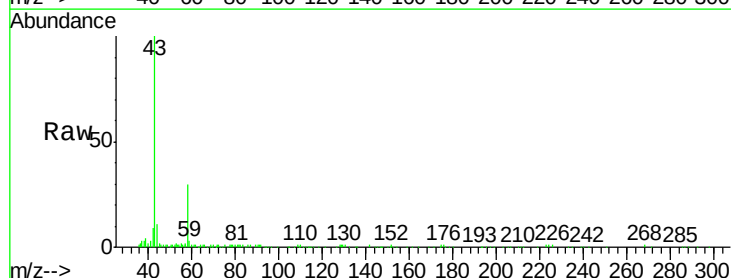
Acq: 04 Feb 2019 14:16

Tgt Ion: 43 Resp: 35202

Ion Ratio Lower Upper

43 100

58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

15000

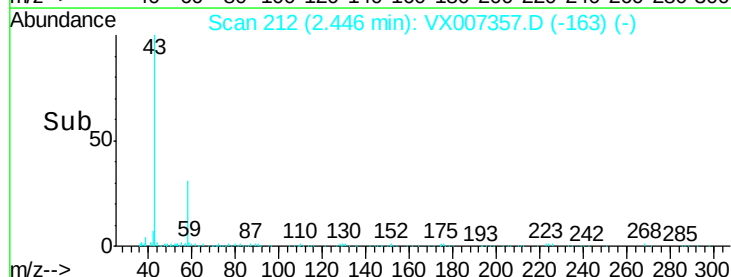
10000

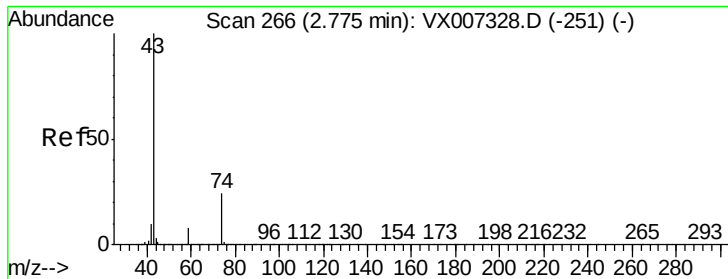
5000

0

Time-->

2.40 2.50

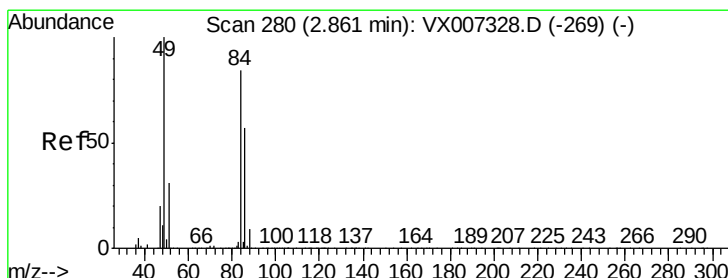
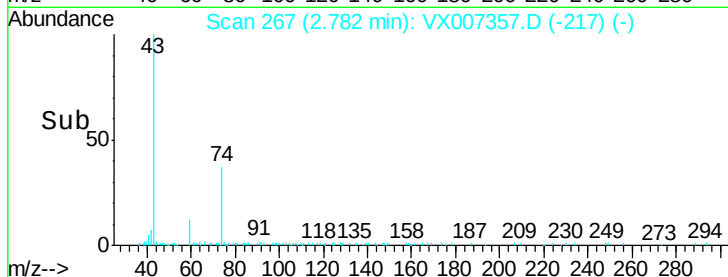
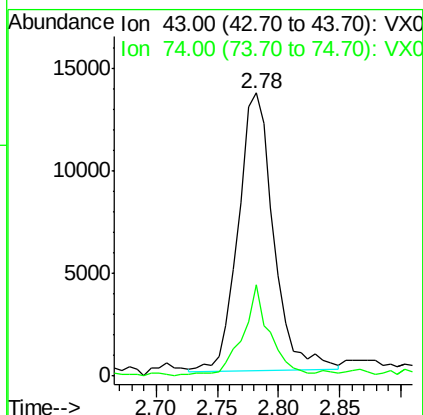
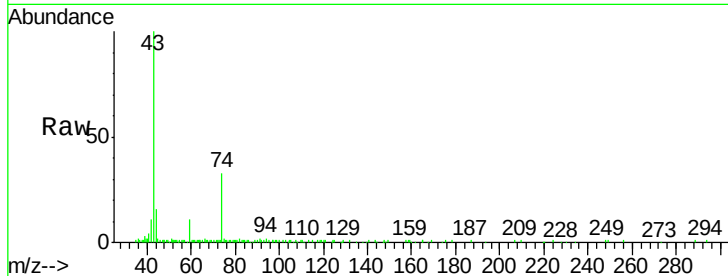




#18
Methyl Acetate
Concen: 4.761 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007357.D
Acq: 04 Feb 2019 14:16

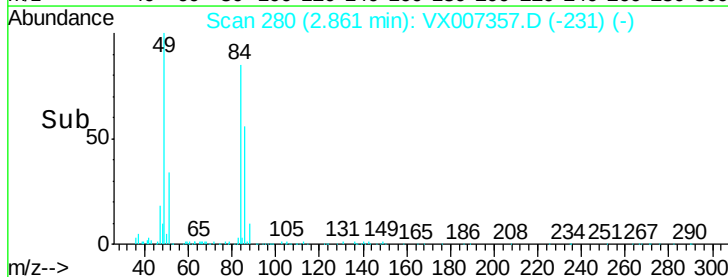
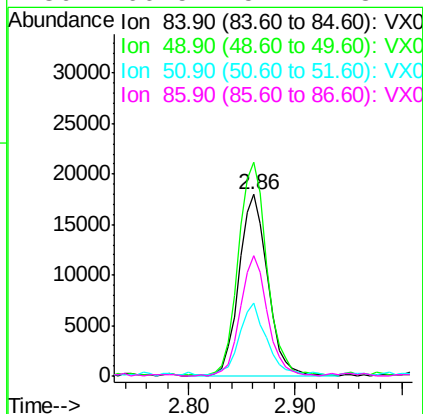
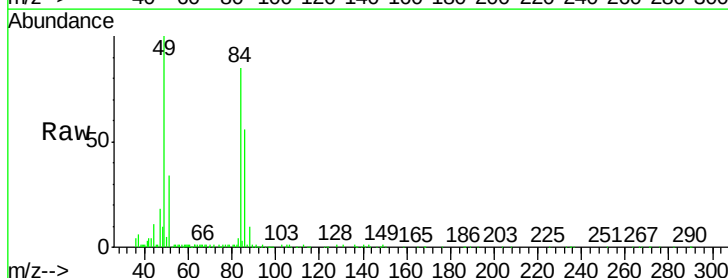
Instrument :
MSVOA_X
ClientSampleId :
PB116780ZHE#02

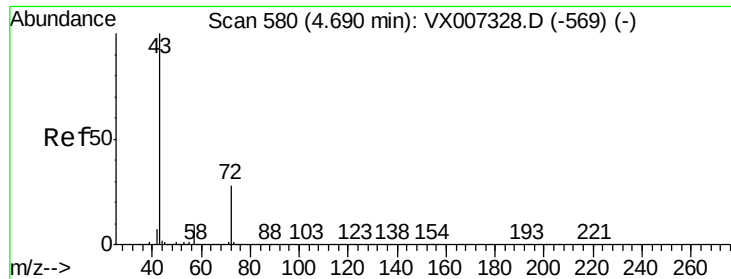
Tot Ion: 43 Resp: 27104
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2



#20
Methylene Chloride
Concen: 6.457 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007357.D
Acq: 04 Feb 2019 14:16

Tgt Ion: 84 Resp: 34252
Ion Ratio Lower Upper
84 100
49 117.0 94.8 142.2
51 39.9 29.8 44.8
86 66.5 54.1 81.1





#25

2-Butanone

Concen: 2.246 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX007357.D

Acq: 04 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

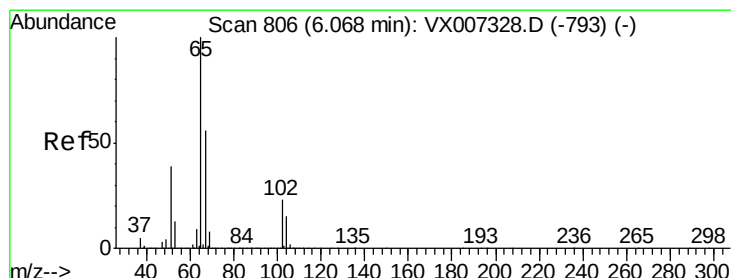
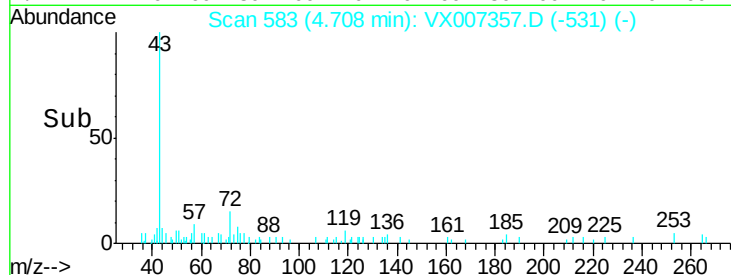
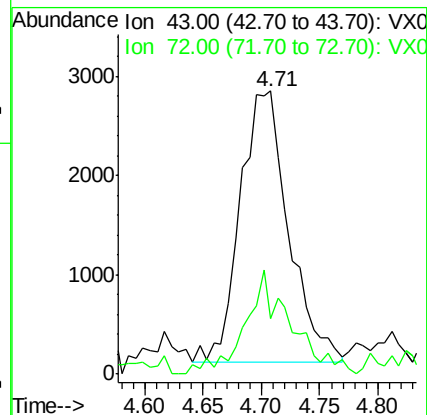
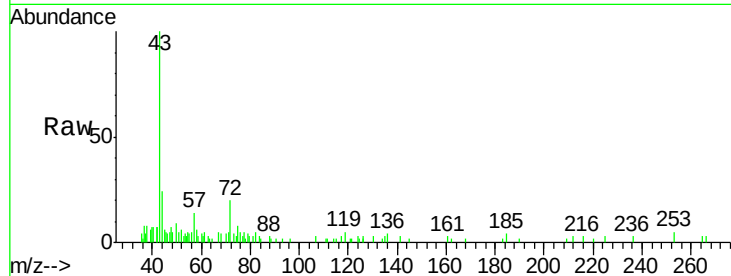
PB116780ZHE#02

Tot Ion: 43 Resp: 7883

Ion Ratio Lower Upper

43 100

72 17.1 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 51.297 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007357.D

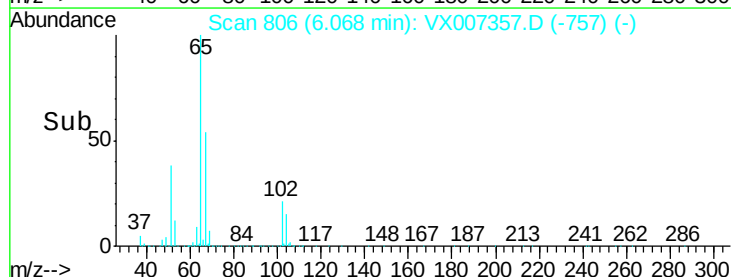
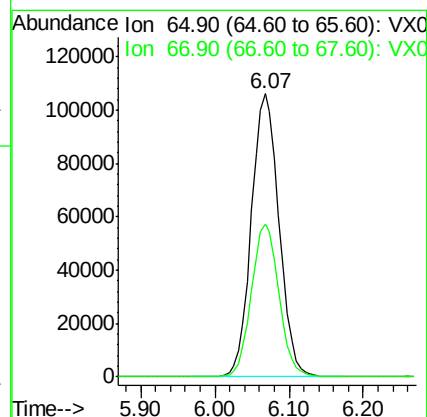
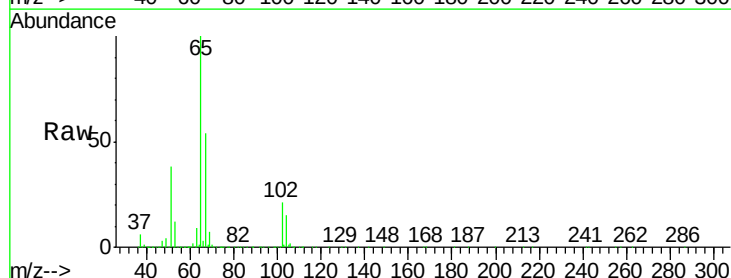
Acq: 04 Feb 2019 14:16

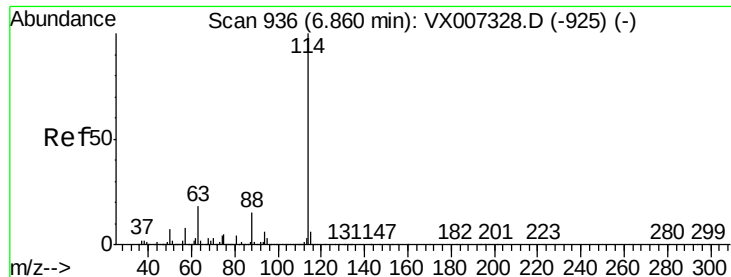
Tgt Ion: 65 Resp: 276158

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.8

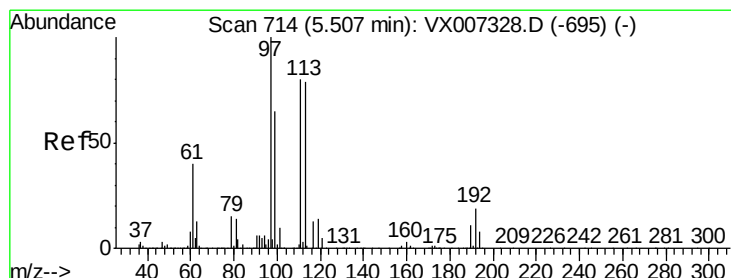
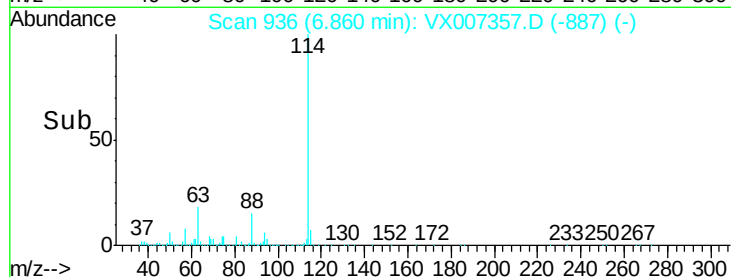
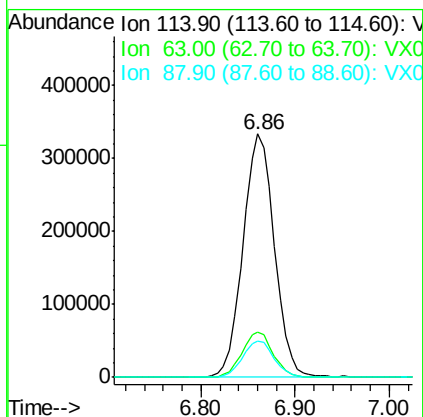
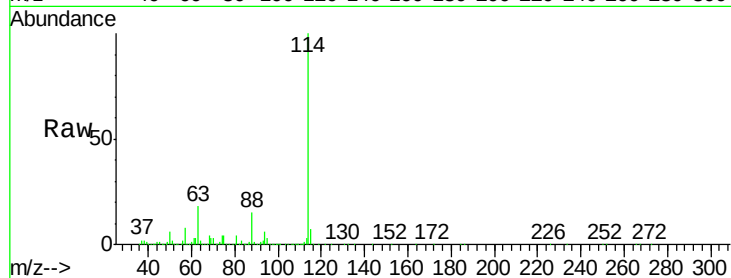




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007357.D
Acq: 04 Feb 2019 14:16

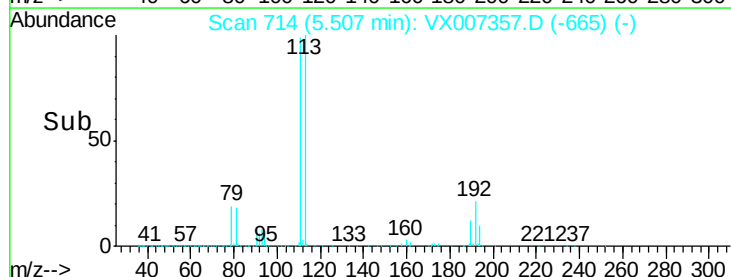
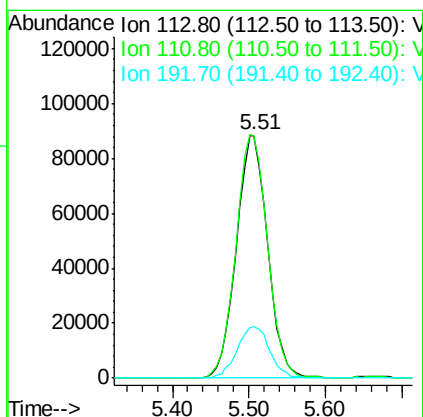
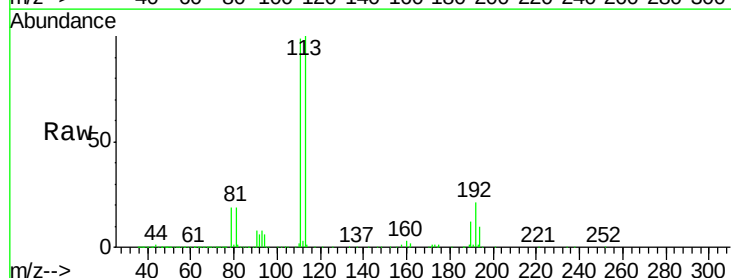
Instrument :
MSVOA_X
ClientSampleId :
PB116780ZHE#02

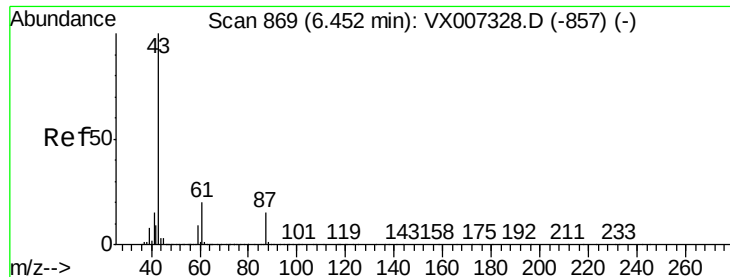
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	14.9	0.0	29.6



#35
Dibromofluoromethane
Concen: 49.356 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007357.D
Acq: 04 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	22.3	18.5	27.7





#43

Isopropyl Acetate

Concen: 3.101 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007357.D

Acq: 04 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#02

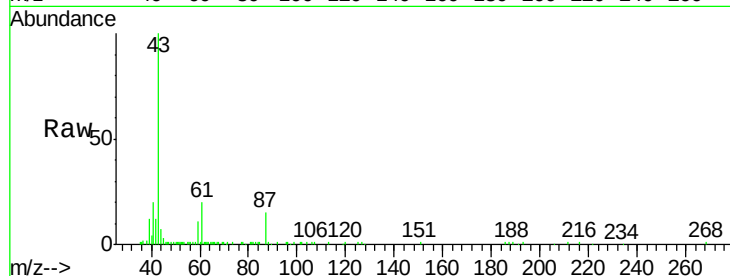
Tot Ion: 43 Resp: 33851

Ion Ratio Lower Upper

43 100

61 20.9 16.1 24.1

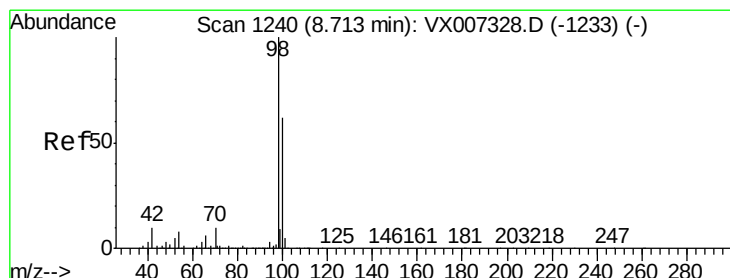
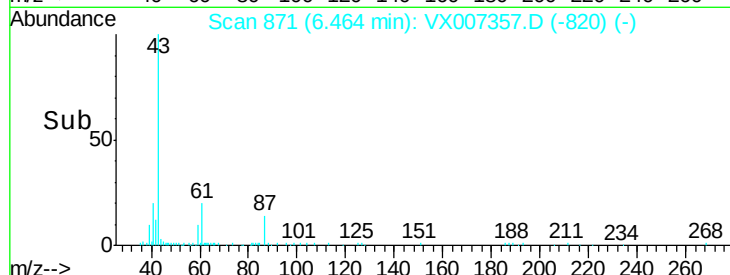
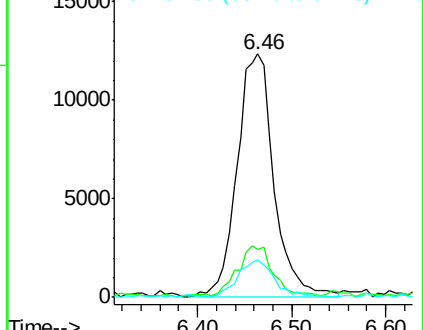
87 15.2 11.5 17.3



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: 52.182 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007357.D

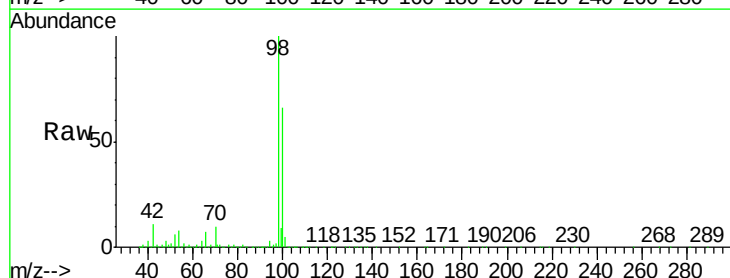
Acq: 04 Feb 2019 14:16

Tgt Ion: 98 Resp: 982371

Ion Ratio Lower Upper

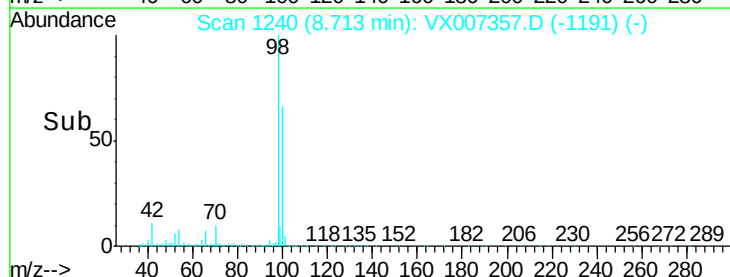
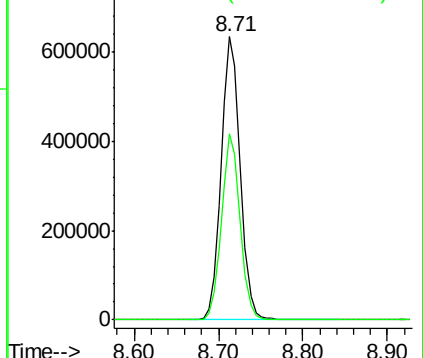
98 100

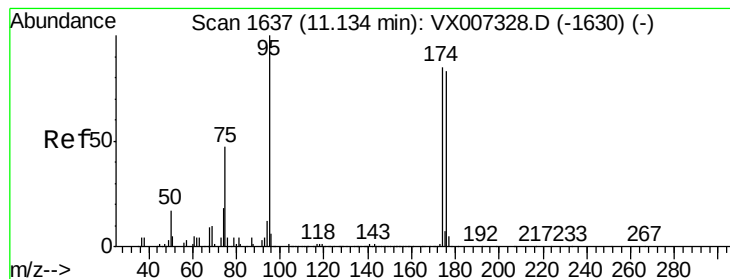
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.442 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007357.D

Acq: 04 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#02

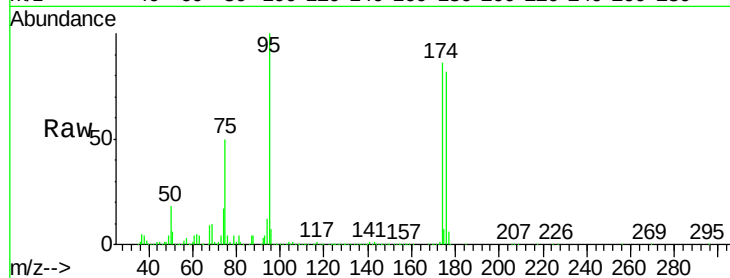
Tot Ion: 95 Resp: 346706

Ion Ratio Lower Upper

95 100

174 95.0 0.0 189.2

176 91.5 0.0 186.2

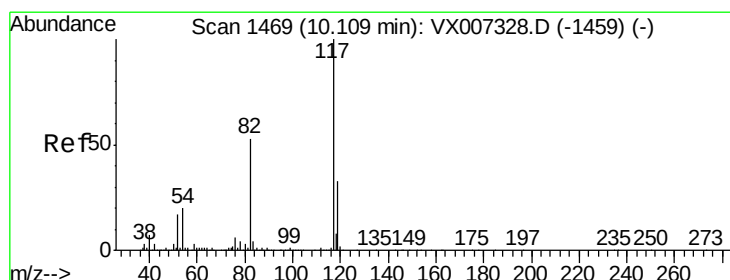
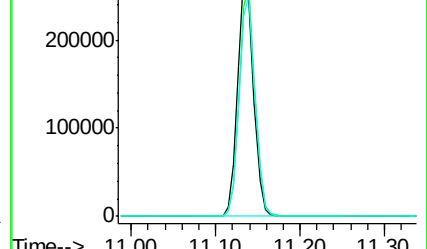
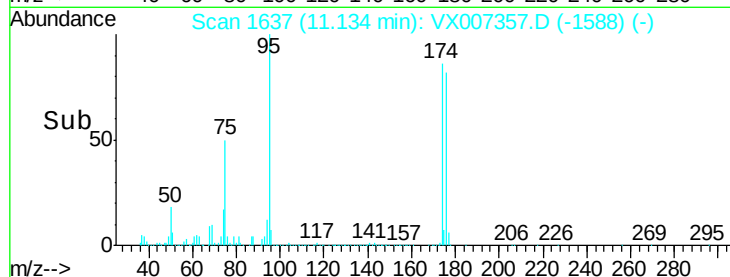


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007357.D

Acq: 04 Feb 2019 14:16

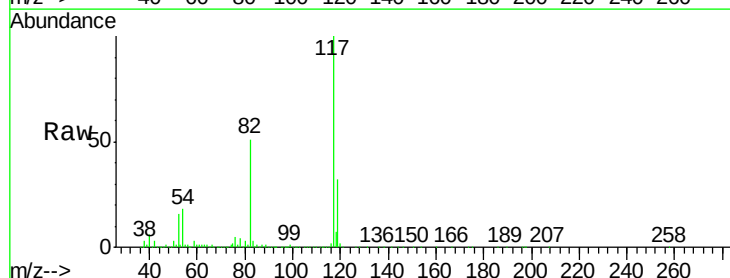
Tgt Ion: 117 Resp: 774388

Ion Ratio Lower Upper

117 100

82 50.7 42.1 63.1

119 32.2 26.5 39.7

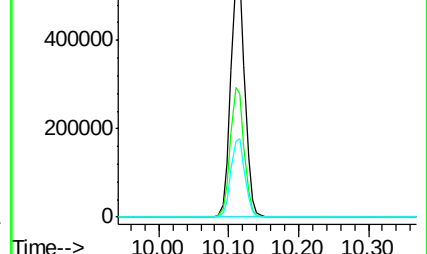
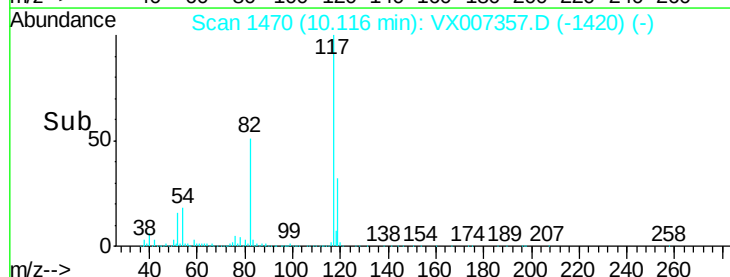


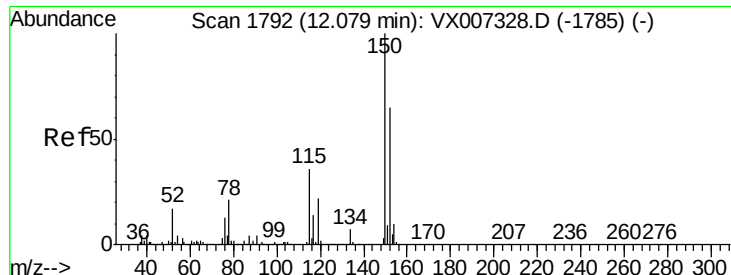
Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time-->

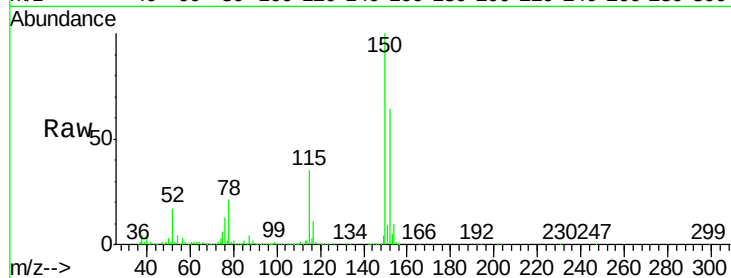




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007357.D
 Acq: 04 Feb 2019 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116780ZHE#02

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.0	114.0
150	156.7	0.0	346.4



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

