

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006935.D
 Acq On : 07 Jan 2019 15:01
 Operator : JC/MD
 Sample : PB116189ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116189ZHE#05

Quant Time: Jan 08 07:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

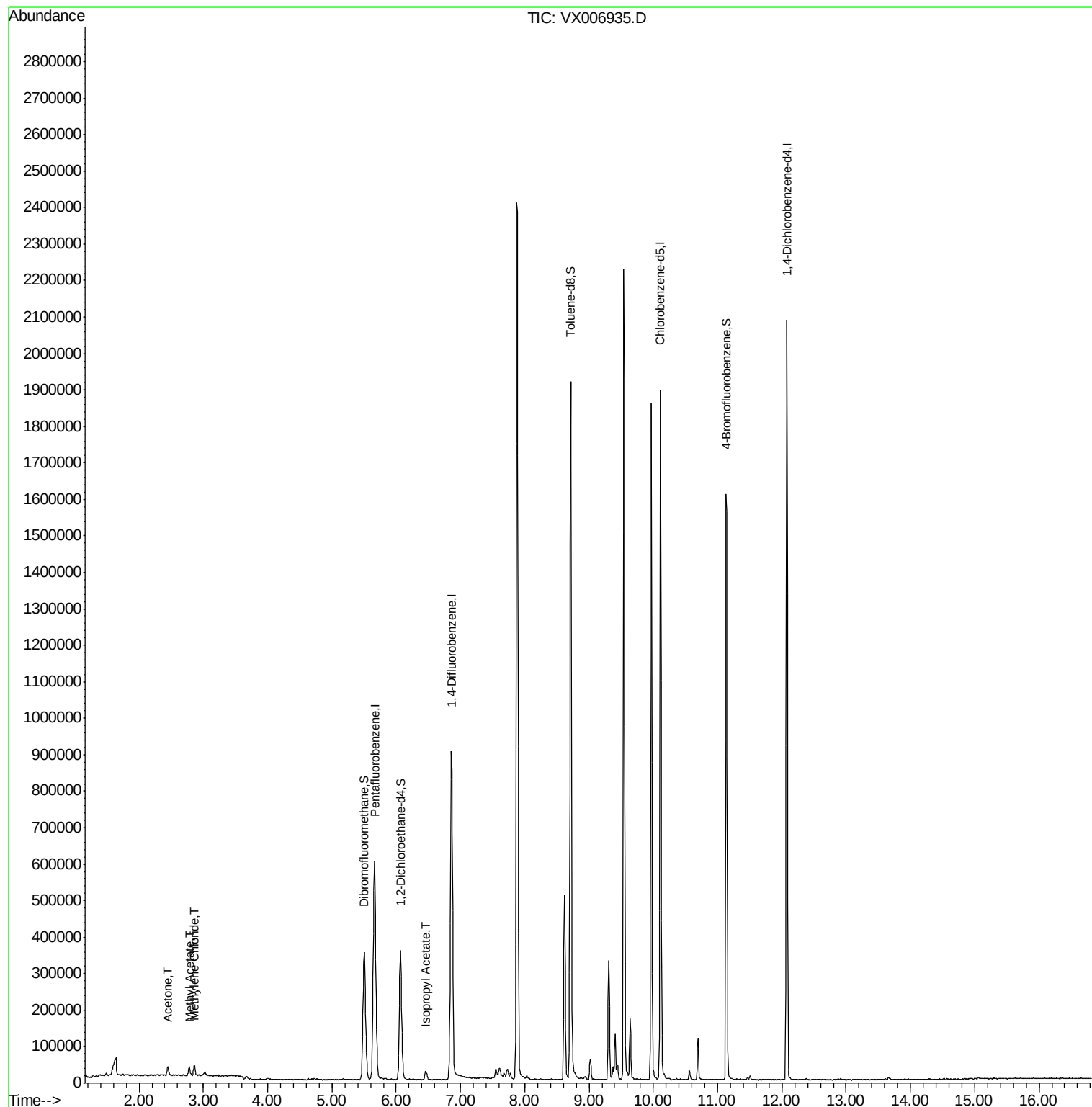
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	624796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	969282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	921533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	455355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	331618	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
35) Dibromofluoromethane	5.51	113	297081	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	1184087	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	426196	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
Target Compounds						
16) Acetone	2.45	43	30083	9.724	ug/l	92
18) Methyl Acetate	2.78	43	29826	3.279	ug/l	98
20) Methylene Chloride	2.86	84	13611	2.128	ug/l #	94
43) Isopropyl Acetate	6.46	43	32575	2.562	ug/l	99

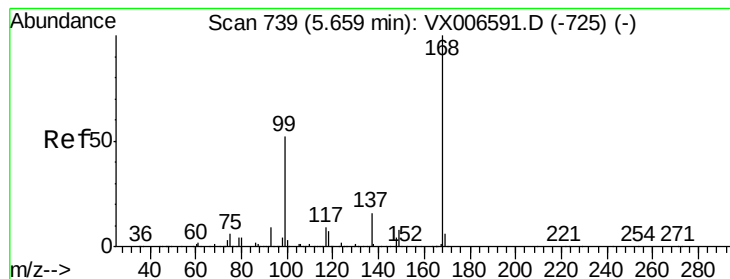
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006935.D

Acq: 07 Jan 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

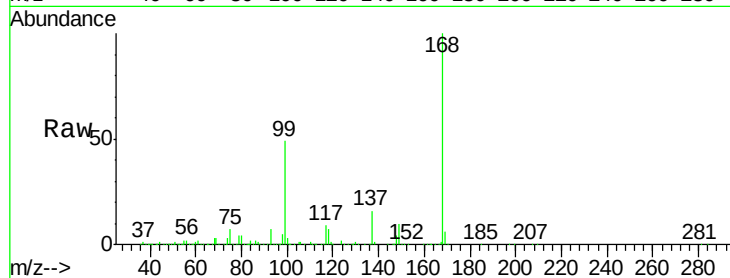
PB116189ZHE#05

Tot Ion:168 Resp: 624796

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

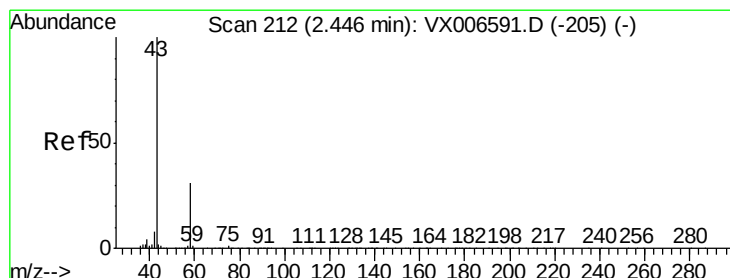
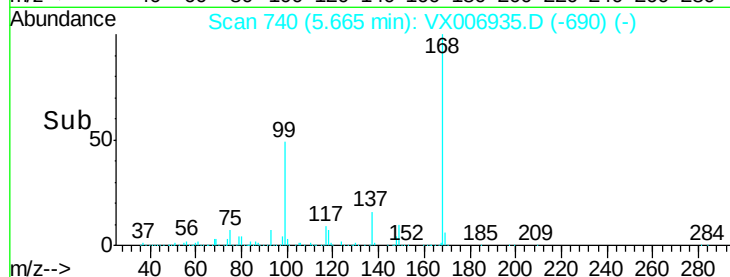
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.724 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006935.D

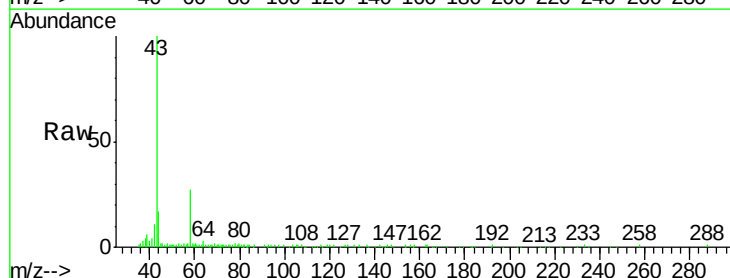
Acq: 07 Jan 2019 15:01

Tgt Ion: 43 Resp: 30083

Ion Ratio Lower Upper

43 100

58 27.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

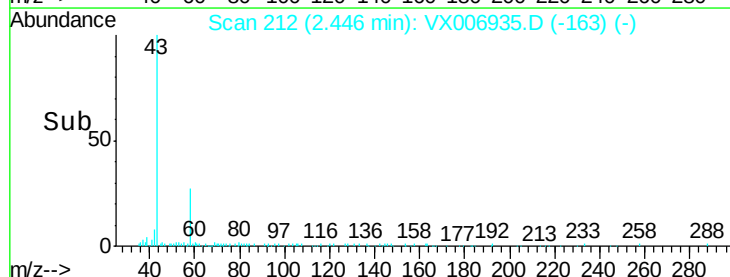
15000

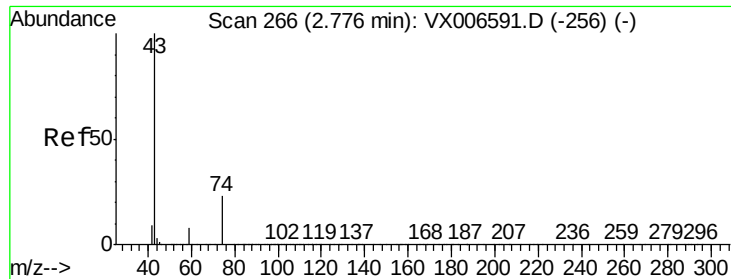
10000

5000

0

Time--> 2.40 2.50

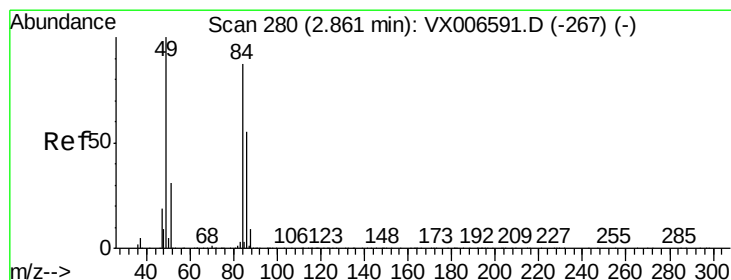
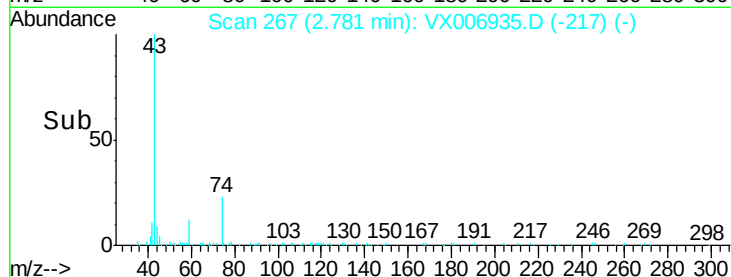
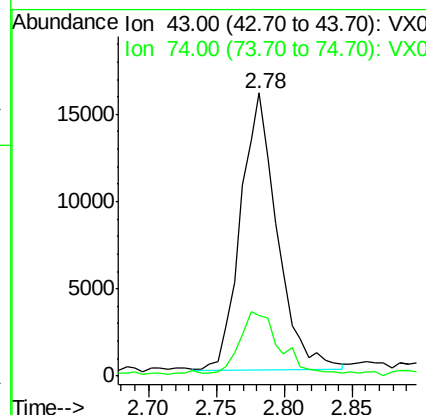
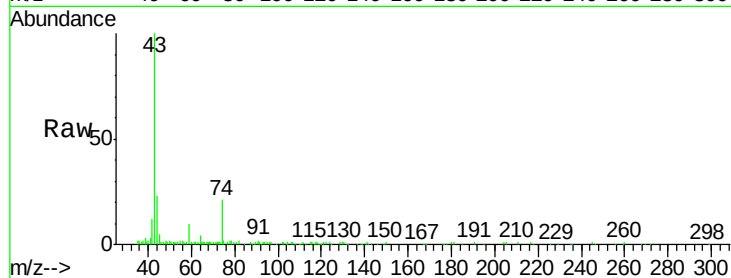




#18
Methyl Acetate
Concen: 3.279 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006935.D
Acq: 07 Jan 2019 15:01

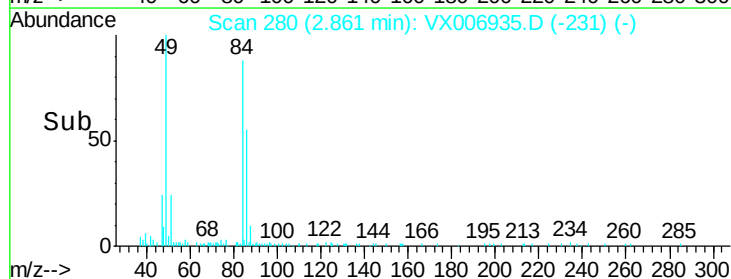
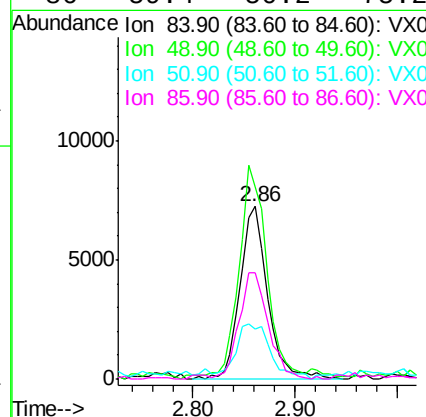
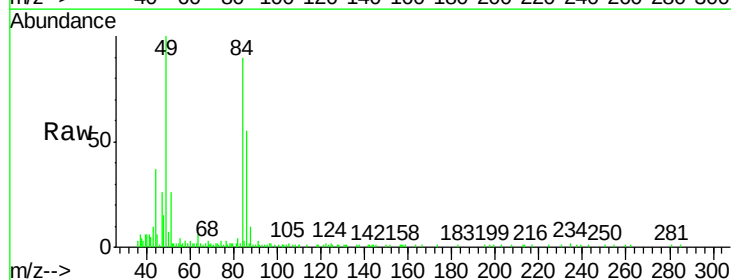
Instrument :
MSVOA_X
ClientSampleId :
PB116189ZHE#05

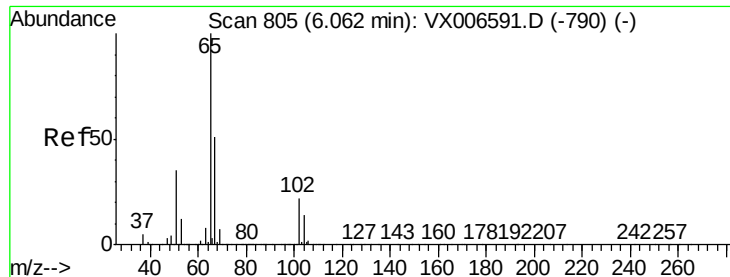
Tot Ion: 43 Resp: 29826
Ion Ratio Lower Upper
43 100
74 24.4 18.6 28.0



#20
Methylene Chloride
Concen: 2.128 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006935.D
Acq: 07 Jan 2019 15:01

Tgt Ion: 84 Resp: 13611
Ion Ratio Lower Upper
84 100
49 110.0 91.8 137.6
51 26.6 28.5 42.7#
86 59.4 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 49.247 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006935.D

Acq: 07 Jan 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

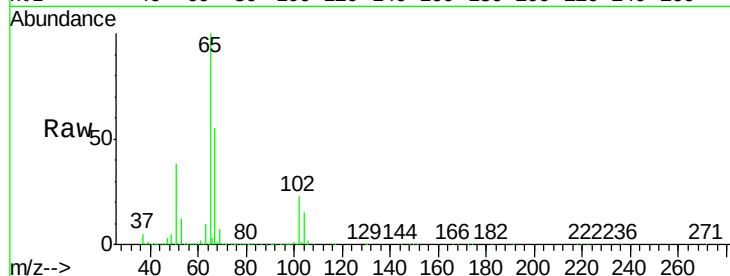
PB116189ZHE#05

Tot Ion: 65 Resp: 331618

Ion Ratio Lower Upper

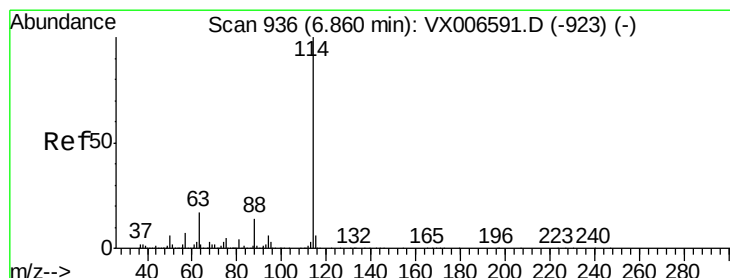
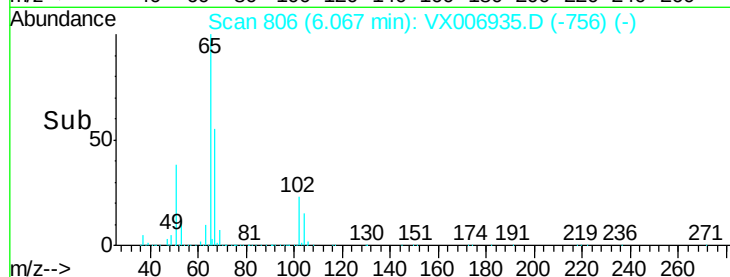
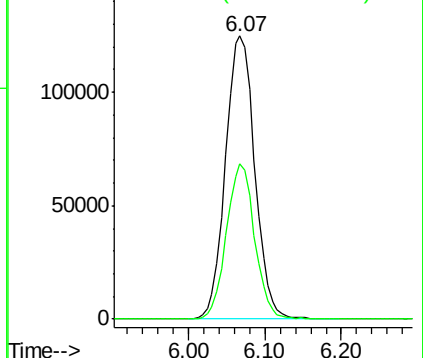
65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006935.D

Acq: 07 Jan 2019 15:01

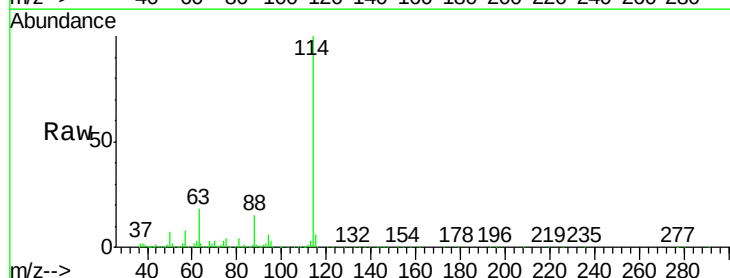
Tgt Ion: 114 Resp: 969282

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

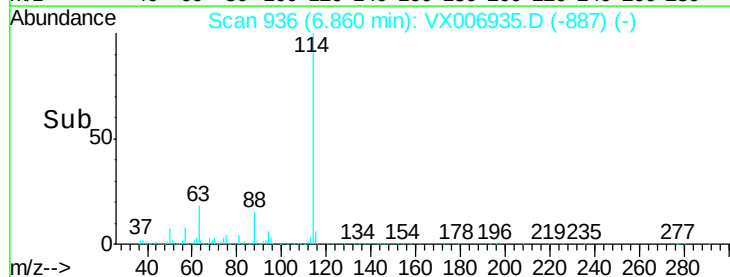
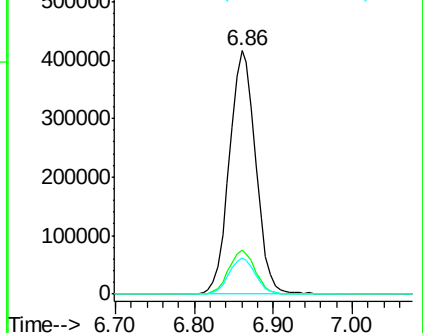
88 15.1 0.0 28.8

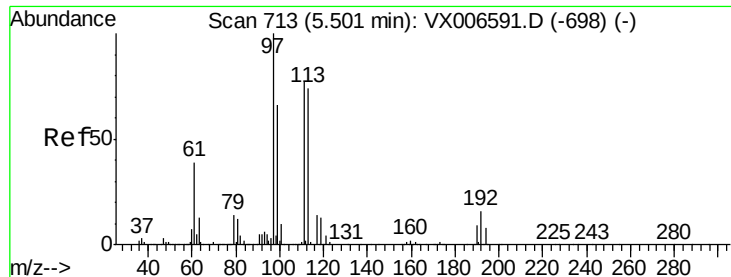


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.467 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006935.D

Acq: 07 Jan 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

PB116189ZHE#05

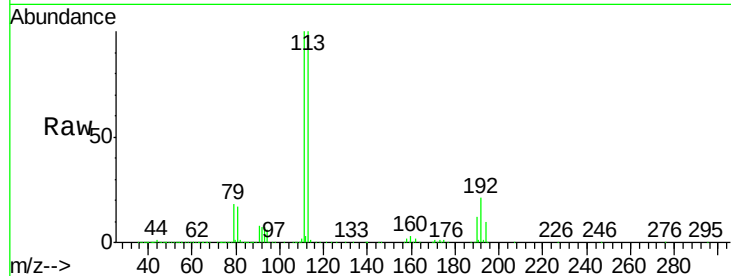
Tot Ion:113 Resp: 297081

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

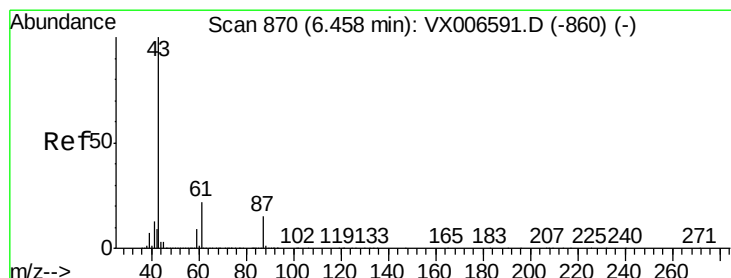
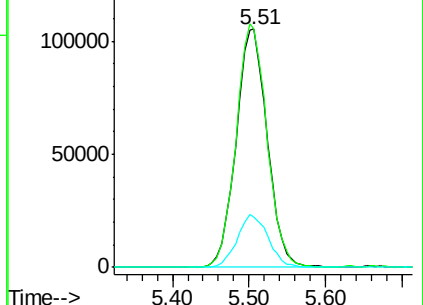
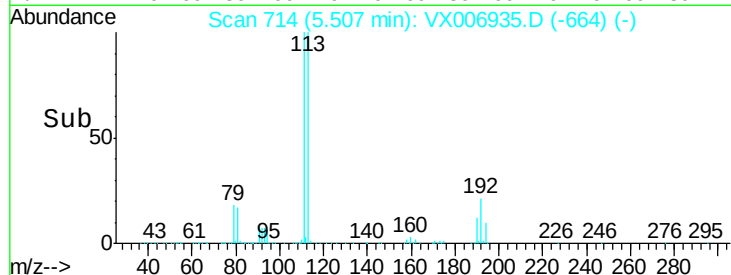
192 22.1 16.7 25.1



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: 2.562 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006935.D

Acq: 07 Jan 2019 15:01

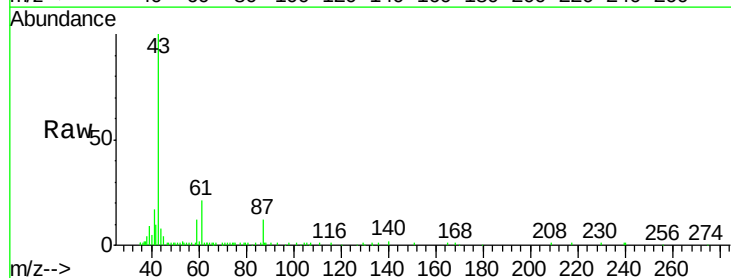
Tgt Ion: 43 Resp: 32575

Ion Ratio Lower Upper

43 100

61 20.5 16.8 25.2

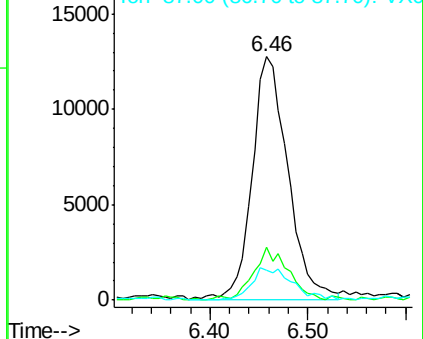
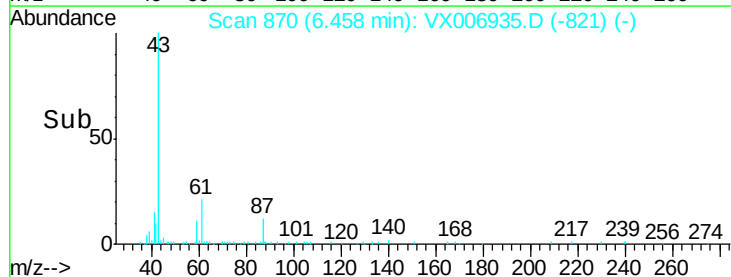
87 15.4 12.4 18.6

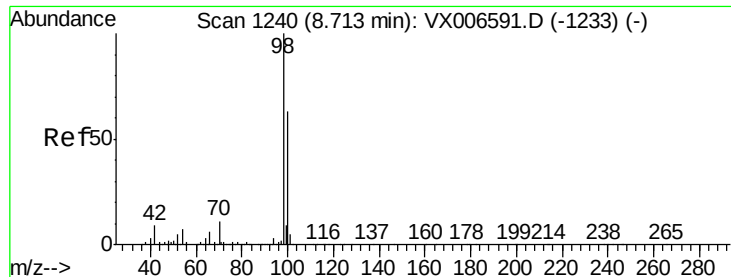


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.240 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006935.D

Acq: 07 Jan 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

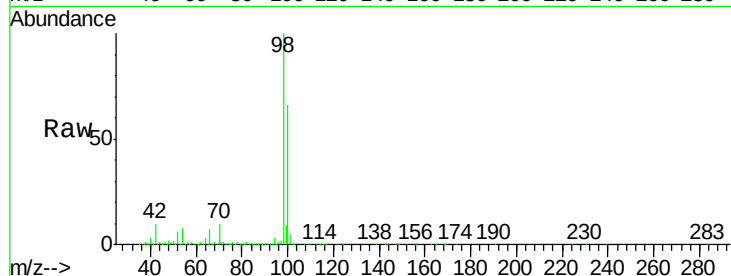
PB116189ZHE#05

Tot Ion: 98 Resp: 1184087

Ion Ratio Lower Upper

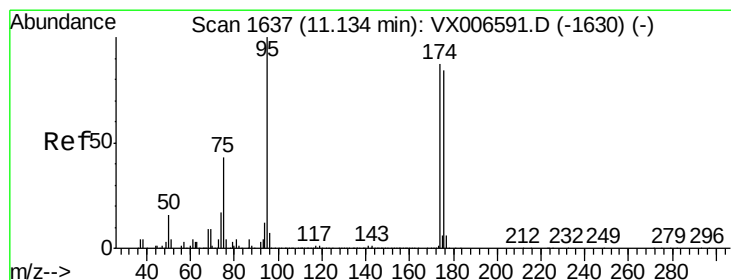
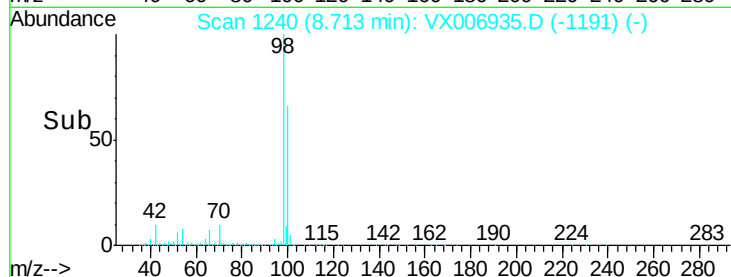
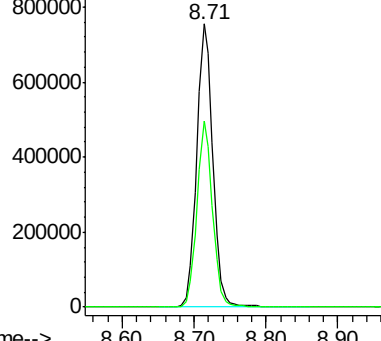
98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 50.358 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006935.D

Acq: 07 Jan 2019 15:01

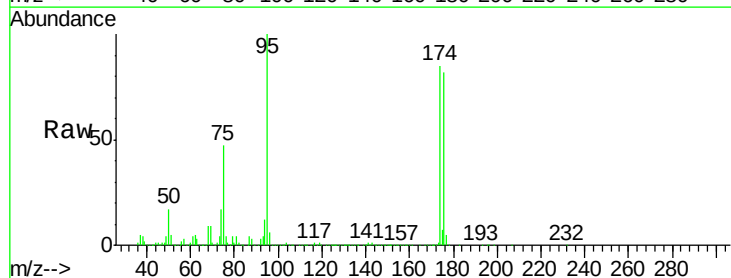
Tgt Ion: 95 Resp: 426196

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

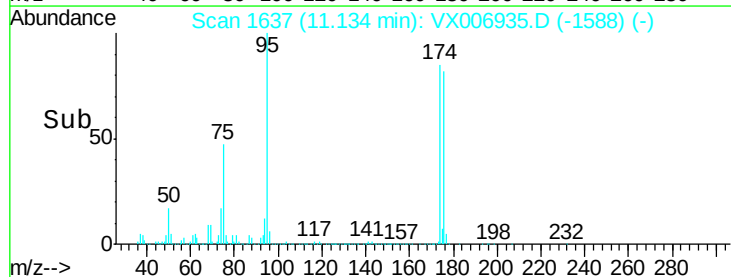
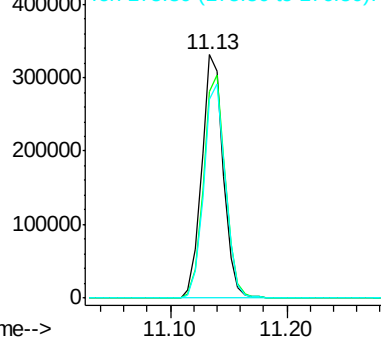
176 88.7 0.0 178.8

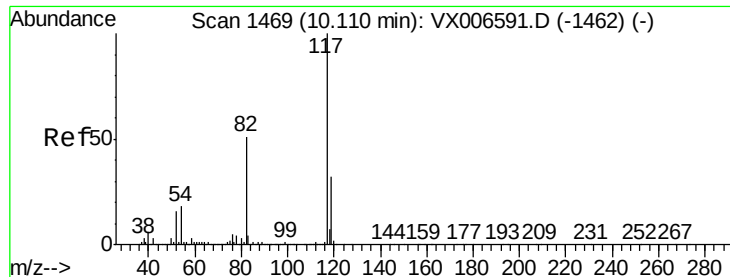


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

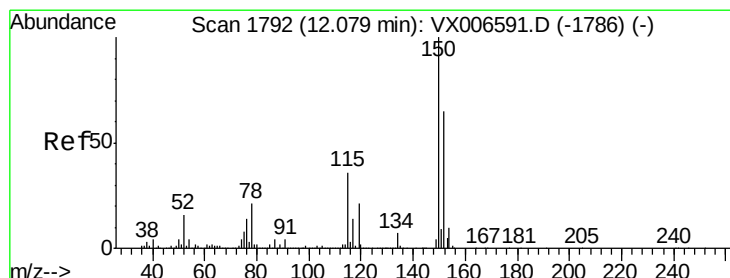
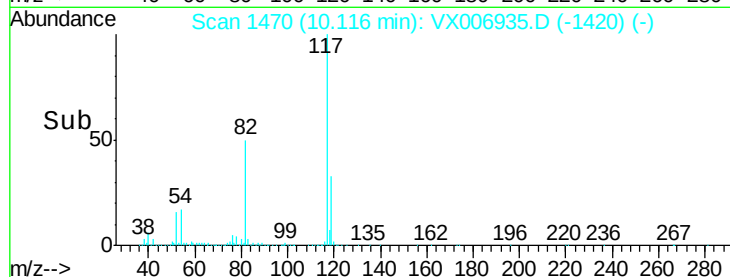
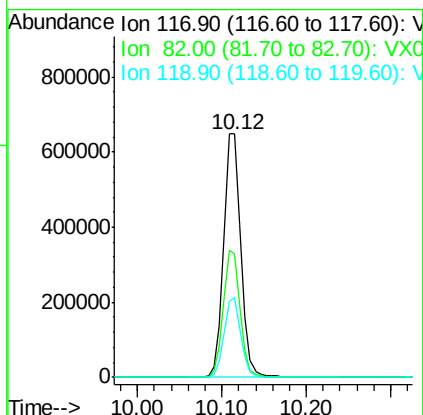
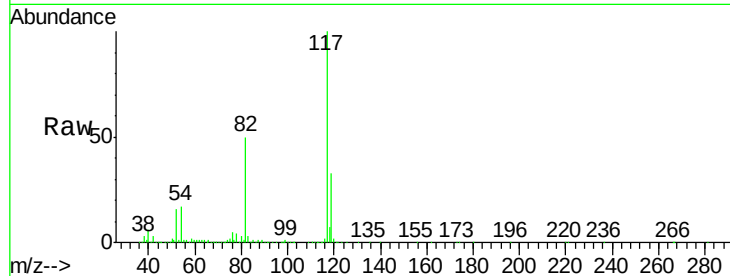




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006935.D
Acq: 07 Jan 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
PB116189ZHE#05

Tot Ion:117 Resp: 921533
Ion Ratio Lower Upper
117 100
82 50.5 41.0 61.6
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006935.D
Acq: 07 Jan 2019 15:01

Tgt Ion:152 Resp: 455355
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.2
150 155.7 0.0 344.8

