

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007243.D
 Acq On : 25 Jan 2019 21:35
 Operator : JC/SP
 Sample : PB116609ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#09

Quant Time: Jan 28 01:20:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

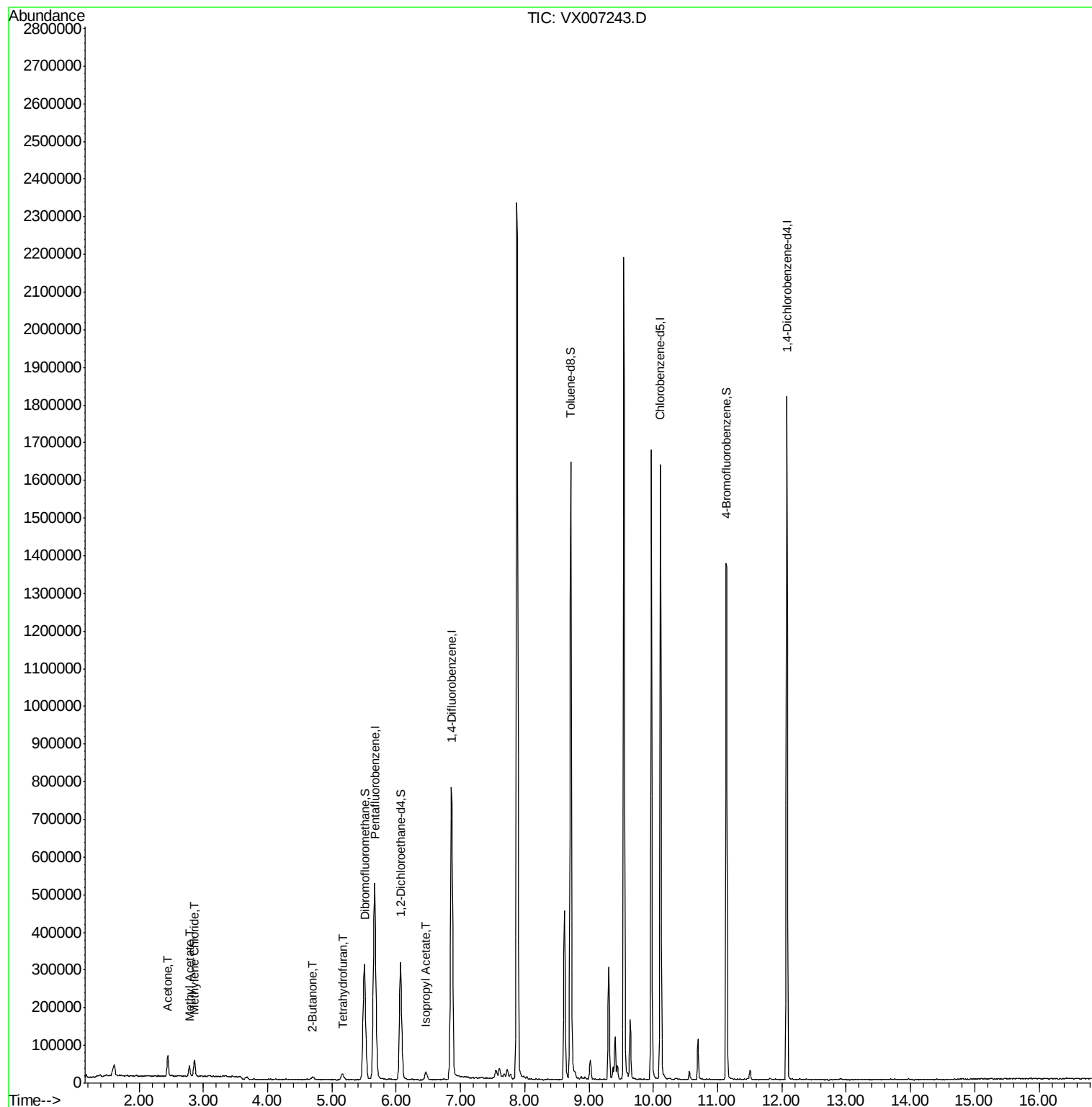
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	531970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	826849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	802152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284441	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	5.51	113	255718	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	997290	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	355741	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
Target Compounds						
16) Acetone	2.45	43	58707	21.360	ug/l	95
18) Methyl Acetate	2.78	43	35043	4.403	ug/l	100
20) Methylene Chloride	2.86	84	19800	3.259	ug/l	93
25) 2-Butanone	4.70	43	14755	3.752	ug/l #	74
29) Tetrahydrofuran	5.16	42	14524	5.683	ug/l	96
43) Isopropyl Acetate	6.46	43	27760	2.284	ug/l	99

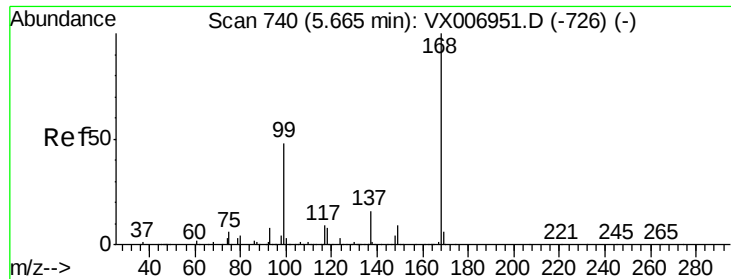
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007243.D

Acq: 25 Jan 2019 21:35

Instrument :

MSVOA_X

ClientSampleId :

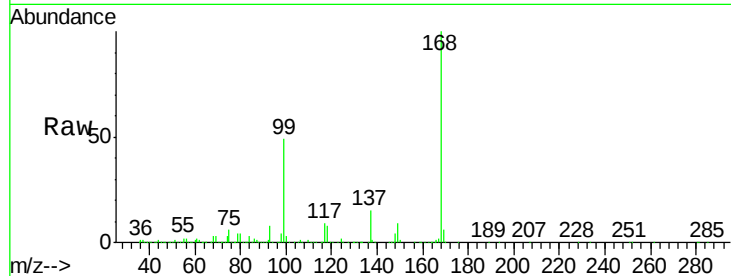
PB116609ZHE#09

Tot Ion:168 Resp: 531970

Ion Ratio Lower Upper

168 100

99 48.6 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

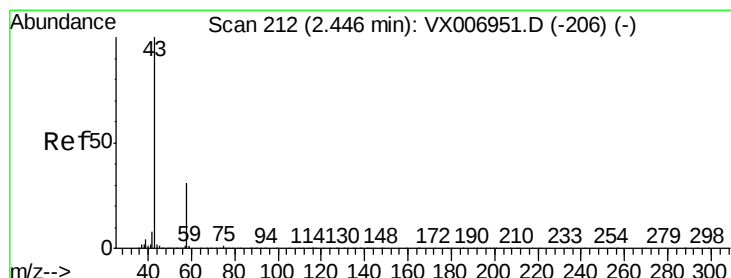
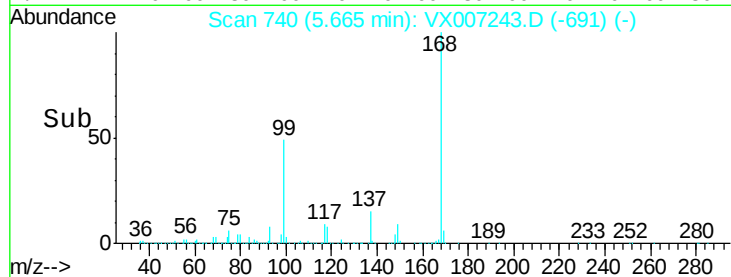
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 21.360 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007243.D

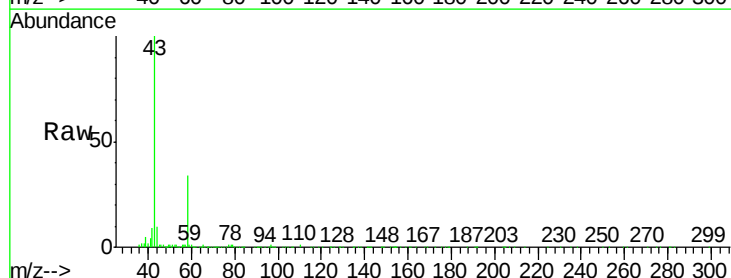
Acq: 25 Jan 2019 21:35

Tgt Ion: 43 Resp: 58707

Ion Ratio Lower Upper

43 100

58 33.8 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

40000

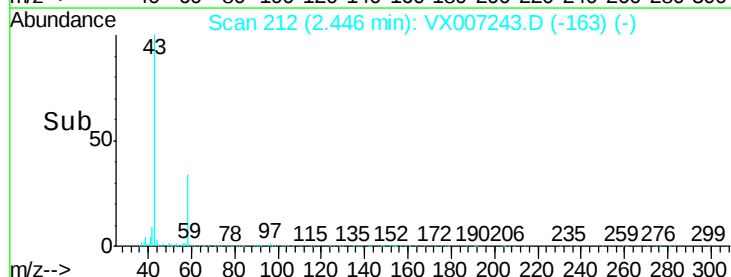
30000

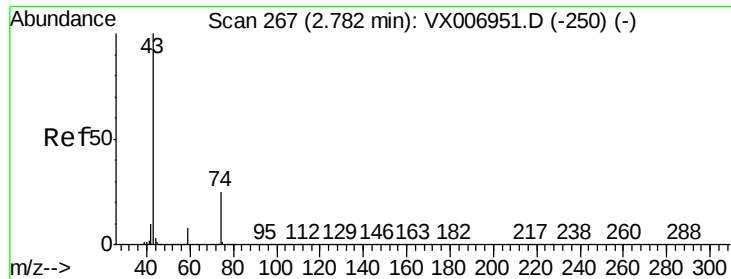
20000

10000

0

Time--> 2.35 2.40 2.45 2.50

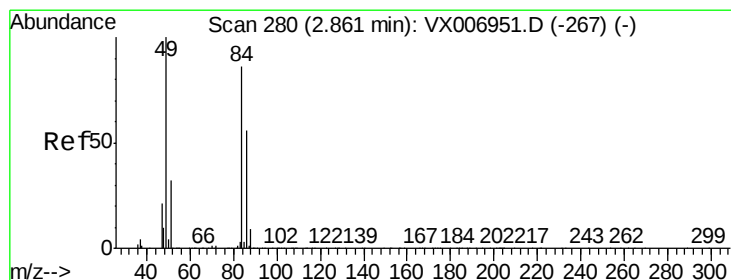
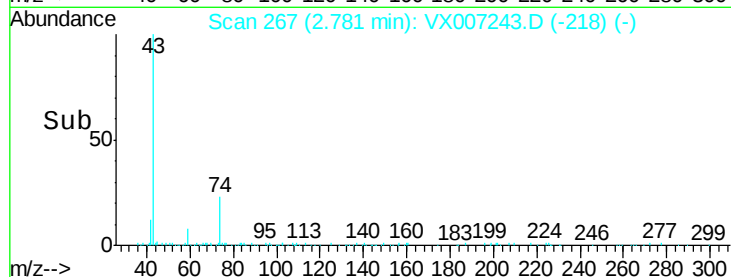
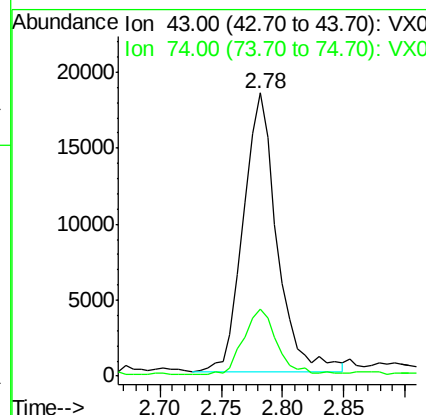
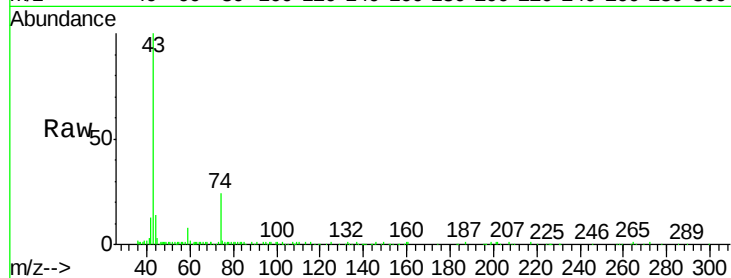




#18
Methyl Acetate
Concen: 4.403 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007243.D
Acq: 25 Jan 2019 21:35

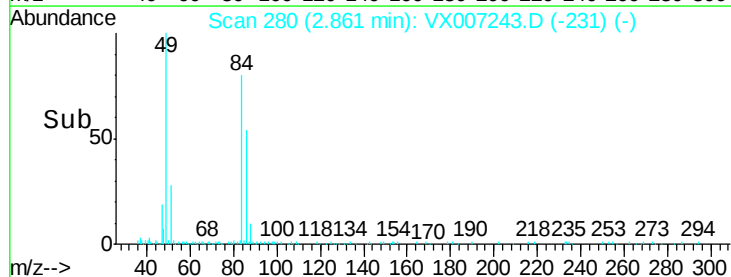
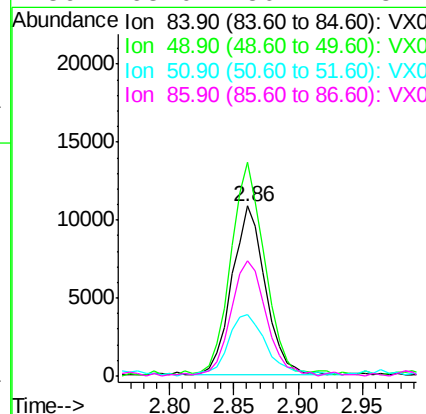
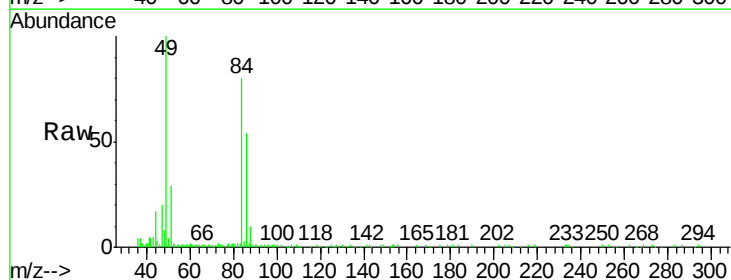
Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#09

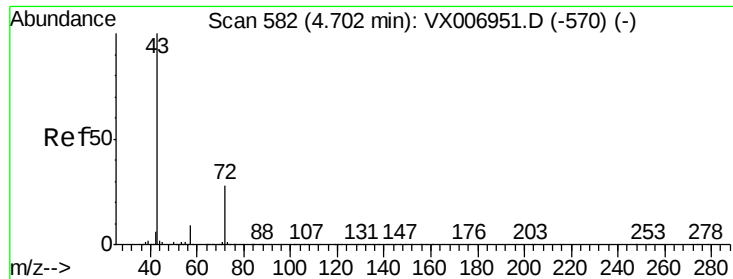
Tot Ion: 43 Resp: 35043
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0



#20
Methylene Chloride
Concen: 3.259 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007243.D
Acq: 25 Jan 2019 21:35

Tgt Ion: 84 Resp: 19800
Ion Ratio Lower Upper
84 100
49 125.2 91.8 137.6
51 35.5 28.5 42.7
86 68.0 50.2 75.2





#25

2-Butanone

Concen: 3.752 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007243.D

Acq: 25 Jan 2019 21:35

Instrument :

MSVOA_X

ClientSampleId :

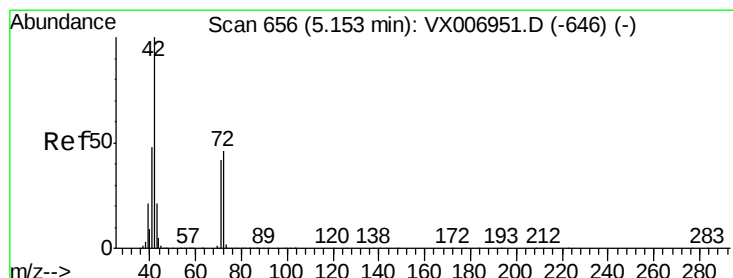
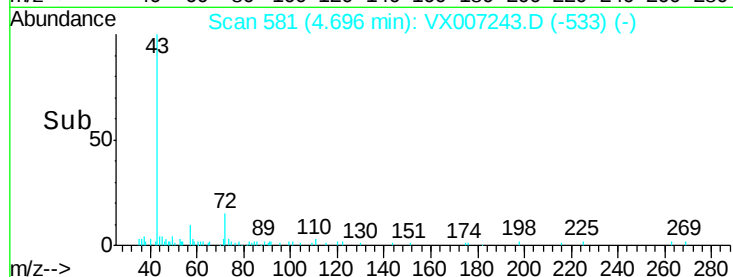
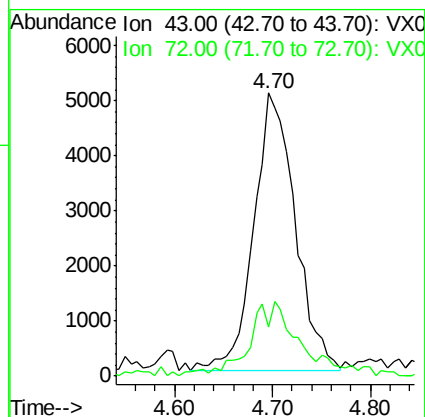
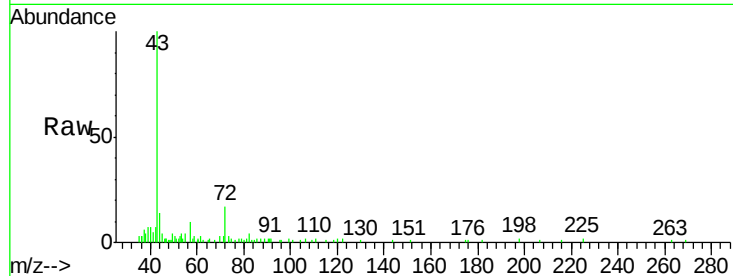
PB116609ZHE#09

Tot Ion: 43 Resp: 14755

Ion Ratio Lower Upper

43 100

72 14.5 22.4 33.6#



#29

Tetrahydrofuran

Concen: 5.683 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007243.D

Acq: 25 Jan 2019 21:35

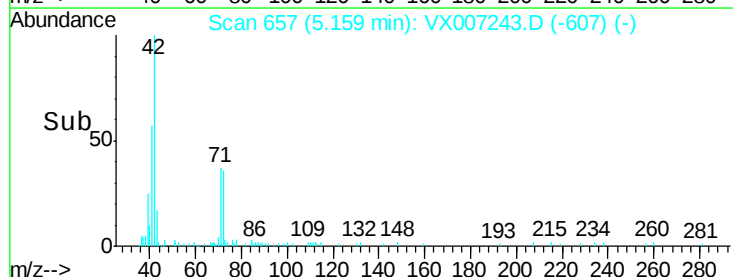
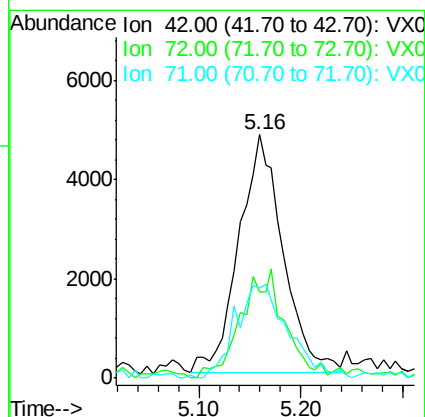
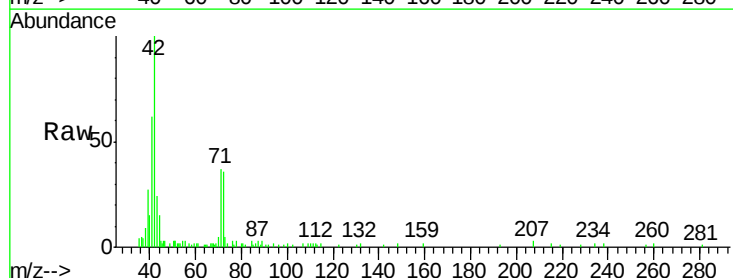
Tgt Ion: 42 Resp: 14524

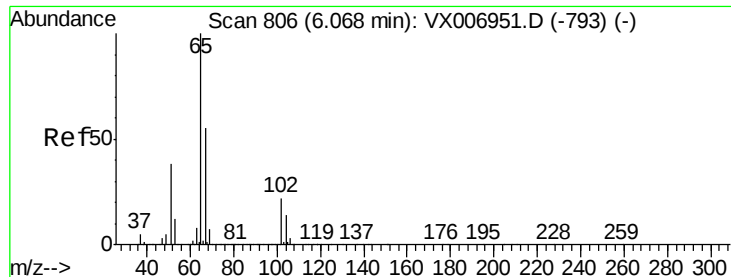
Ion Ratio Lower Upper

42 100

72 45.0 38.9 58.3

71 46.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.163 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007243.D

Acq: 25 Jan 2019 21:35

Instrument :

MSVOA_X

ClientSampleId :

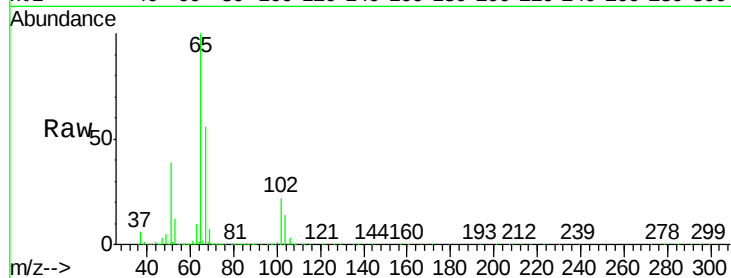
PB116609ZHE#09

Tot Ion: 65 Resp: 284441

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

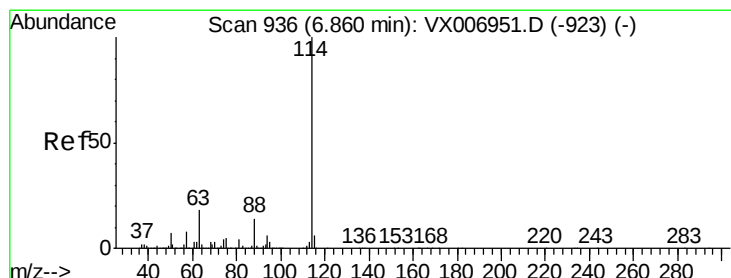
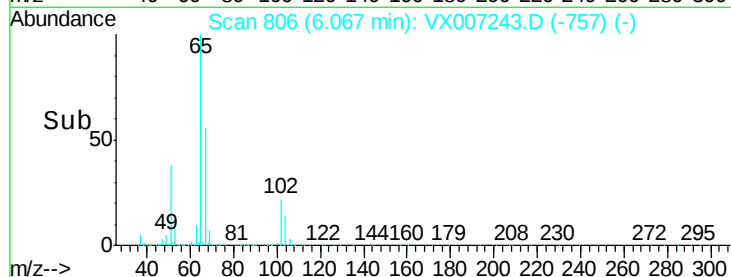
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007243.D

Acq: 25 Jan 2019 21:35

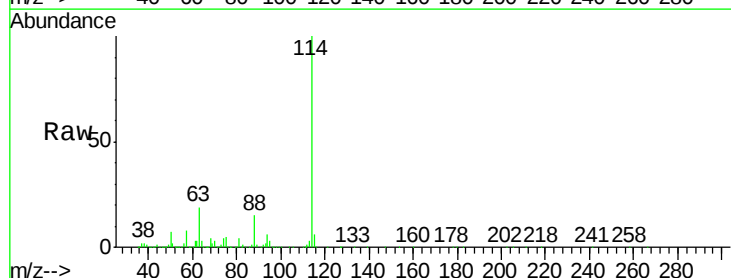
Tgt Ion: 114 Resp: 826849

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 14.6 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

6.86

400000

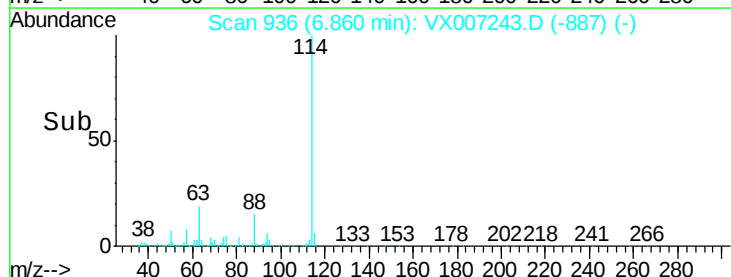
300000

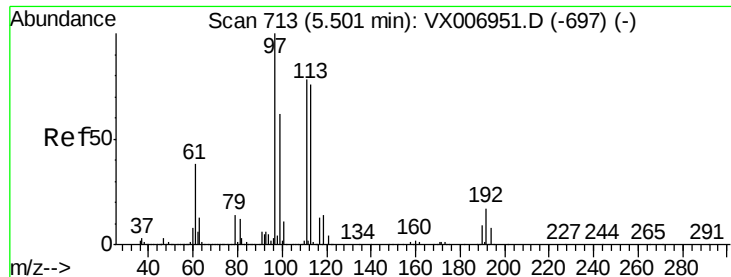
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.293 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007243.D

Acq: 25 Jan 2019 21:35

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#09

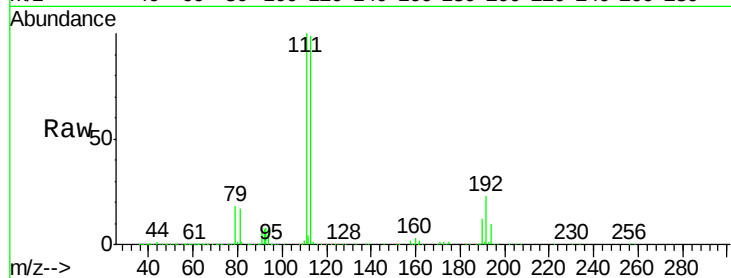
Tot Ion:113 Resp: 255718

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

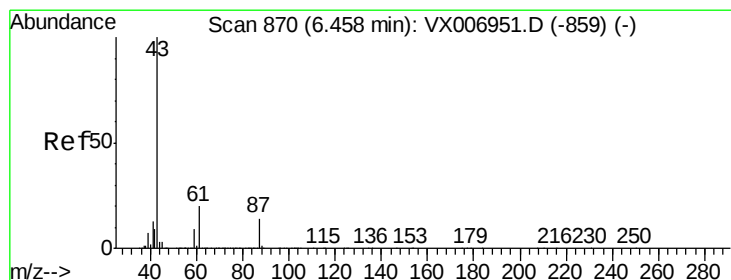
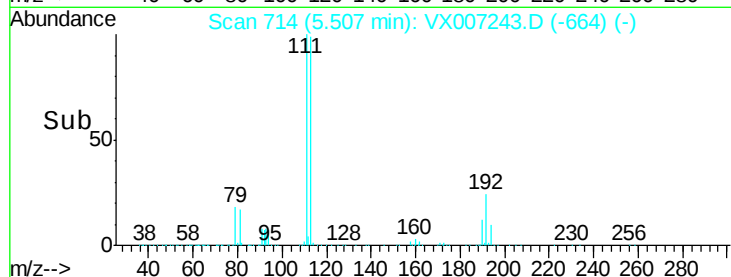
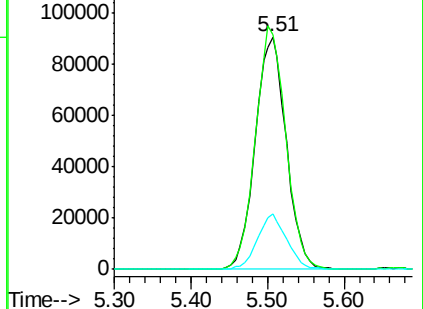
192 22.5 16.7 25.1



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: 2.284 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007243.D

Acq: 25 Jan 2019 21:35

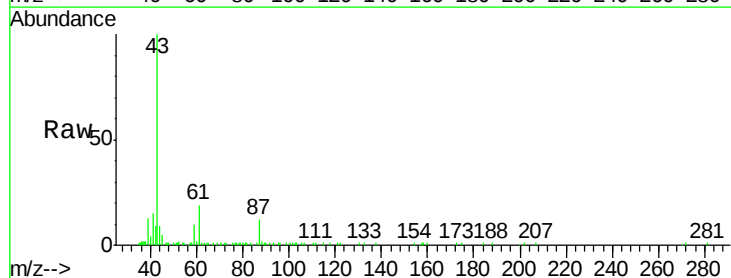
Tgt Ion: 43 Resp: 27760

Ion Ratio Lower Upper

43 100

61 20.0 16.8 25.2

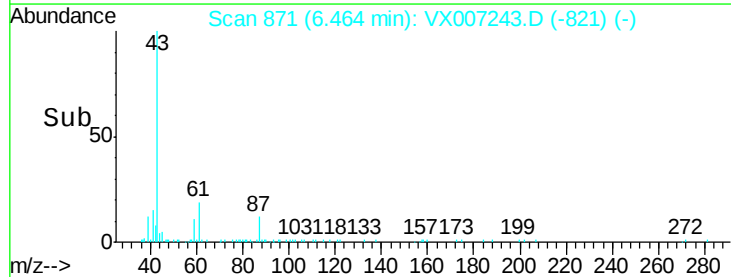
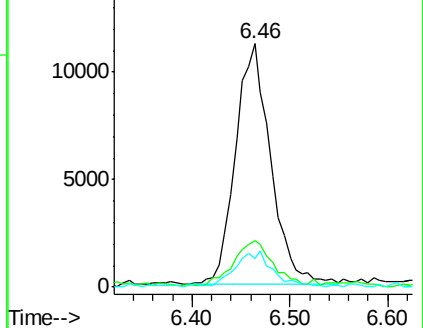
87 15.8 12.4 18.6

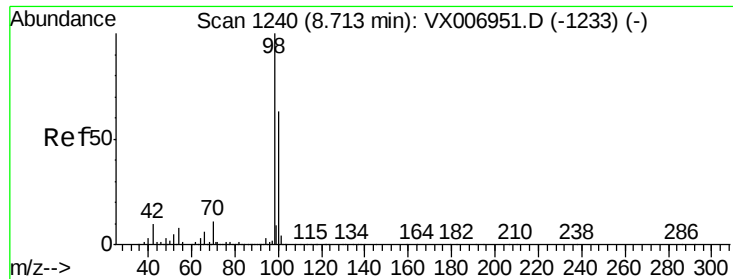


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

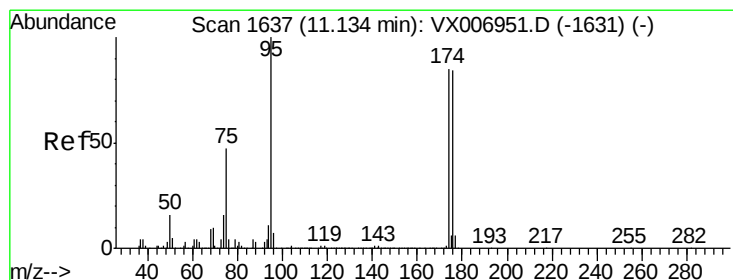
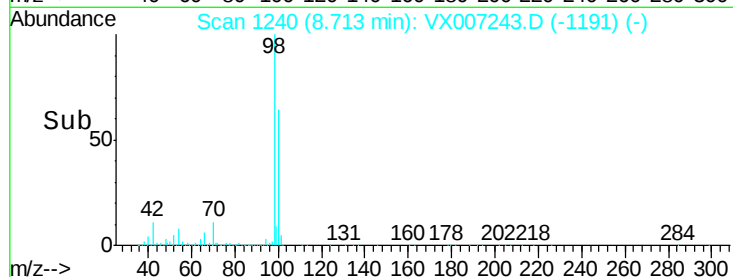
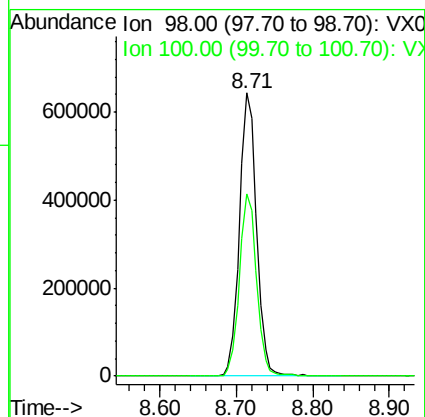
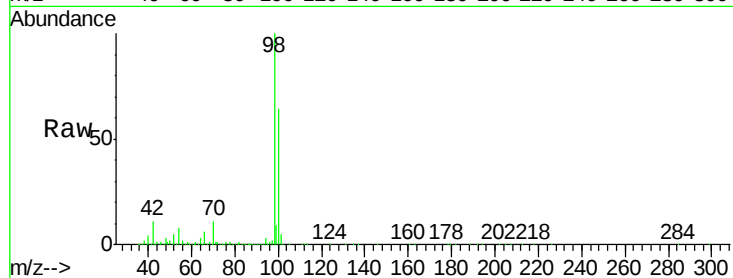




#50
Toluene-d8
Concen: 51.455 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007243.D
Acq: 25 Jan 2019 21:35

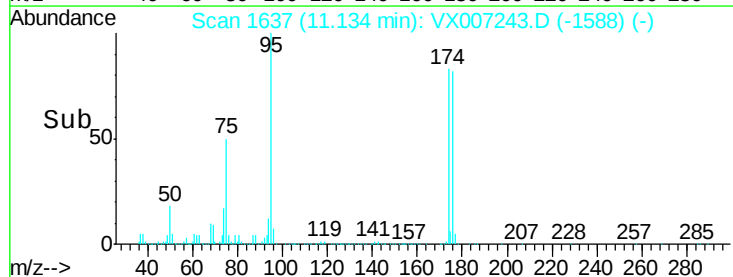
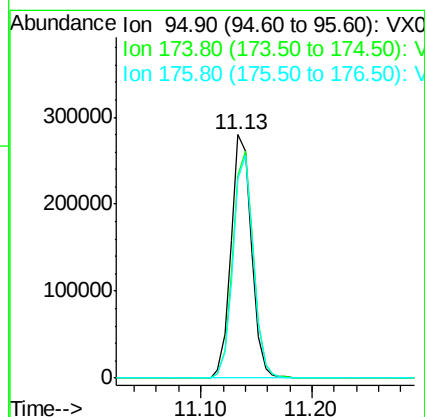
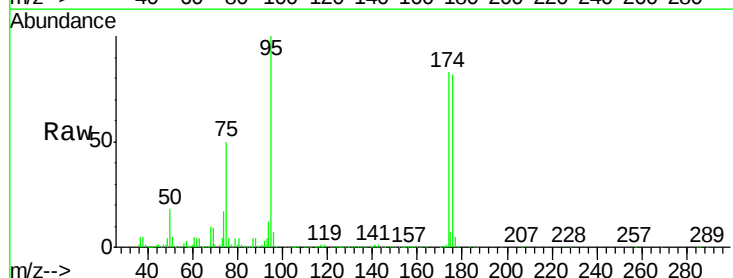
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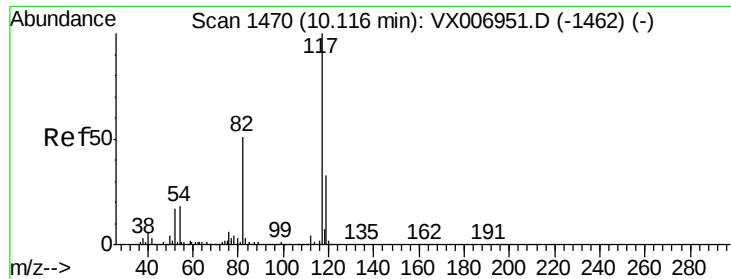
Tot Ion: 98 Resp: 997290
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007243.D
Acq: 25 Jan 2019 21:35

Tgt Ion: 95 Resp: 355741
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.2
176 90.6 0.0 178.8

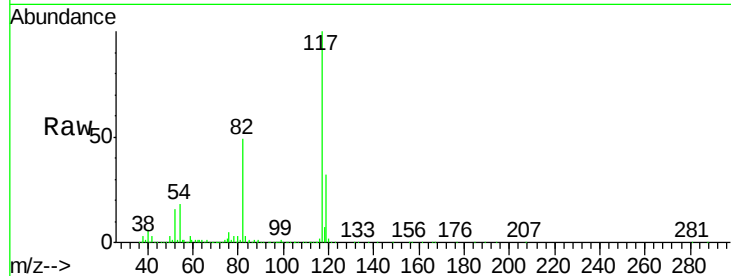




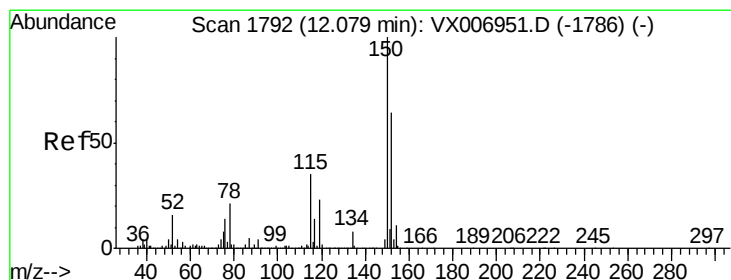
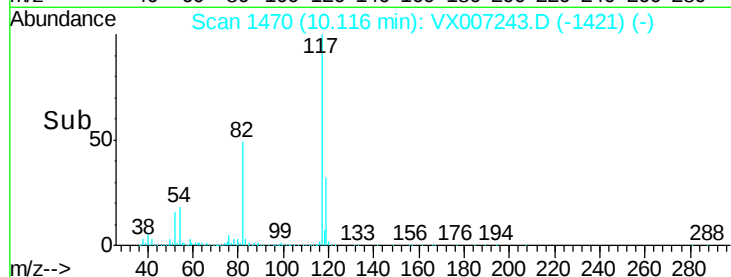
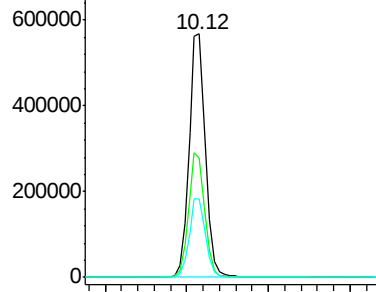
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007243.D
Acq: 25 Jan 2019 21:35

Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#09

Tot Ion:117 Resp: 802152
Ion Ratio Lower Upper
117 100
82 49.2 41.0 61.6
119 32.0 25.4 38.0

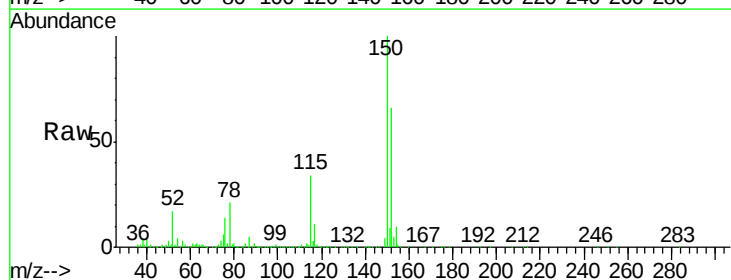


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007243.D
Acq: 25 Jan 2019 21:35

Tgt Ion:152 Resp: 385050
Ion Ratio Lower Upper
152 100
115 54.8 39.1 117.2
150 155.1 0.0 344.8



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

