

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007643.D
 Acq On : 21 Feb 2019 20:42
 Operator : JC/SP
 Sample : PB117250ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#17

Quant Time: Feb 22 06:30:30 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	431498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	721829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	330023	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	260015	56.77	ug/l	0.00
Spiked Amount			Recovery	=	113.54%	
35) Dibromofluoromethane	5.51	113	240125	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
50) Toluene-d8	8.71	98	883610	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	307949	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	

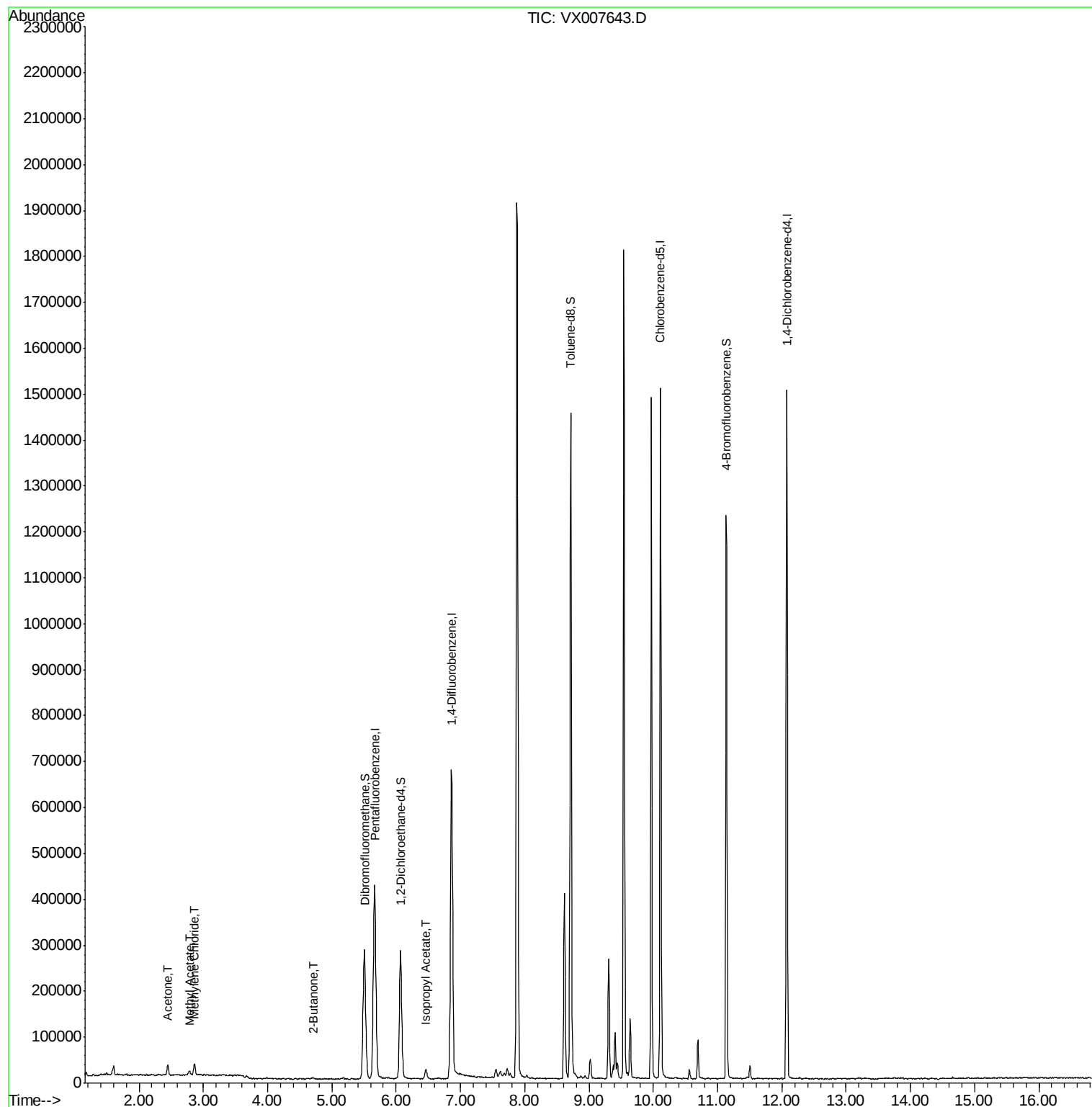
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	25568	12.187	ug/l	96
18) Methyl Acetate	2.78	43	13661	3.063	ug/l	98
20) Methylene Chloride	2.86	84	12529	2.550	ug/l	97
25) 2-Butanone	4.70	43	5730	1.919	ug/l	96
43) Isopropyl Acetate	6.46	43	24557	2.430	ug/l	95

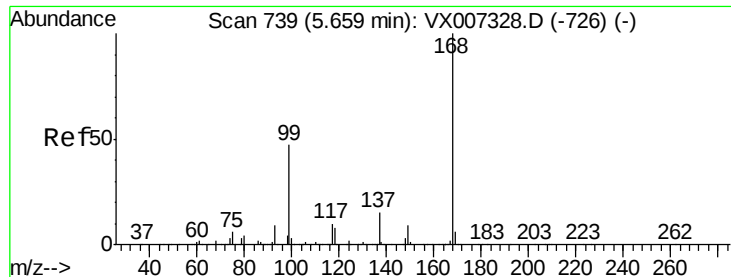
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007643.D

Acq: 21 Feb 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

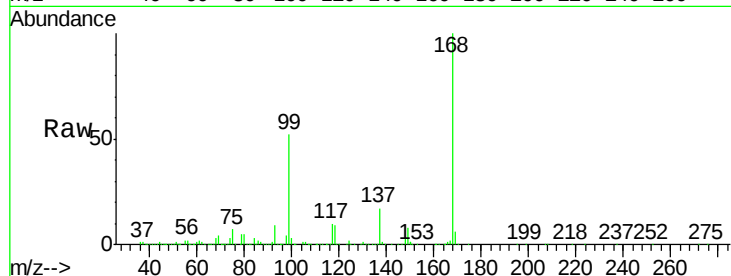
PB117250ZHE#17

Tot Ion:168 Resp: 431498

Ion Ratio Lower Upper

168 100

99 52.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

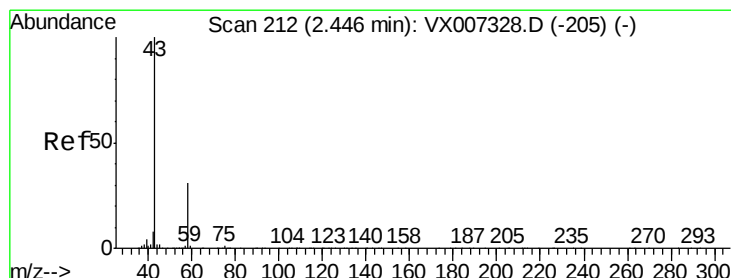
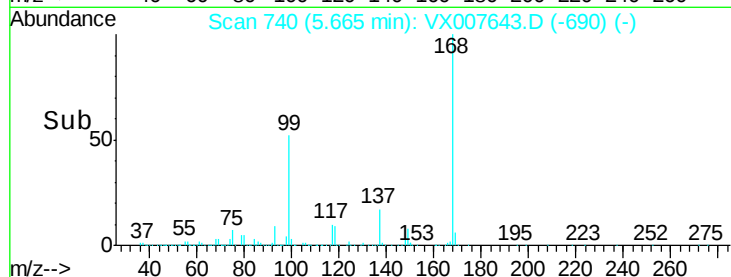
50000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 12.187 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007643.D

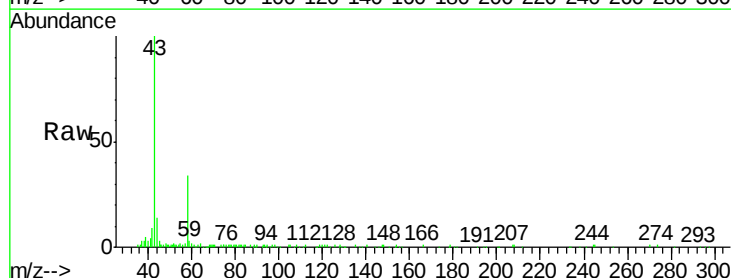
Acq: 21 Feb 2019 20:42

Tgt Ion: 43 Resp: 25568

Ion Ratio Lower Upper

43 100

58 33.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

10000

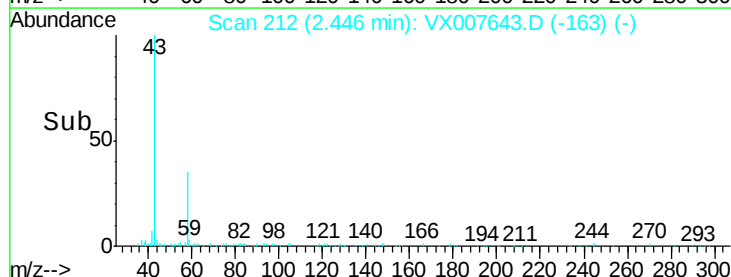
5000

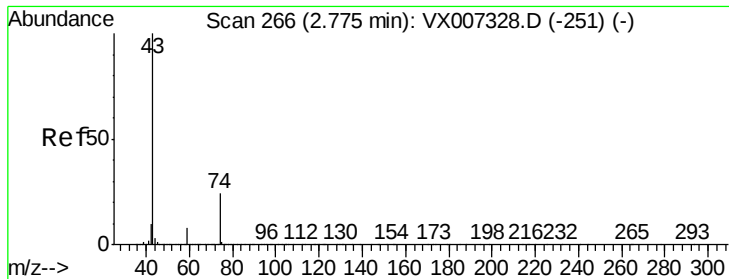
0

2.45

2.40 2.45 2.50 2.55

Time-->

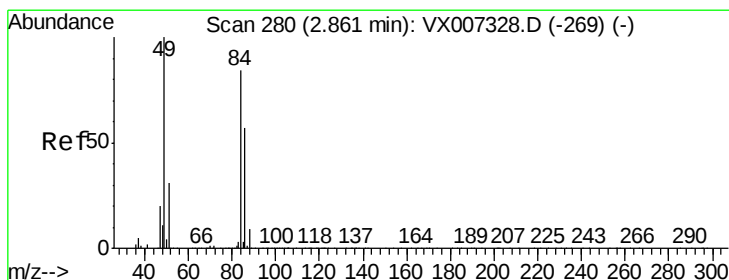
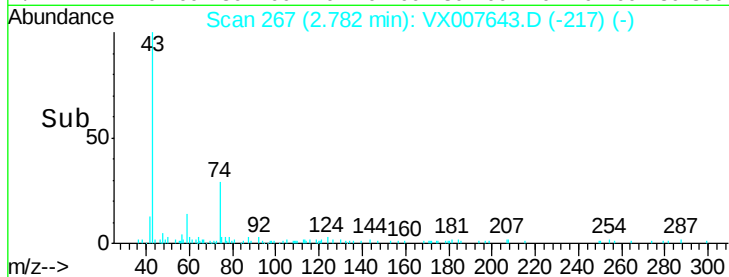
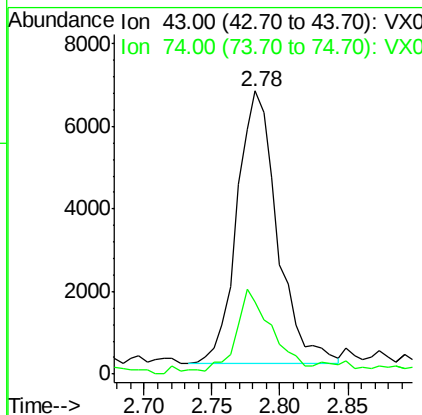
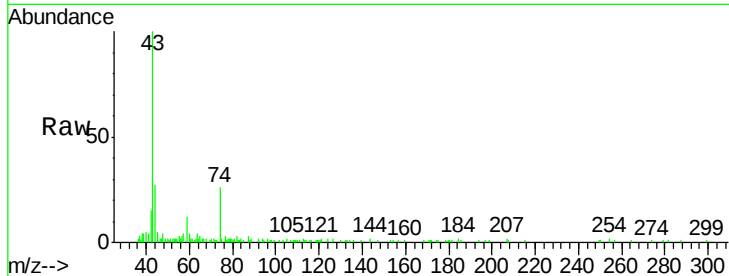




#18
Methvl Acetate
Concen: 3.063 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007643.D
Acq: 21 Feb 2019 20:42

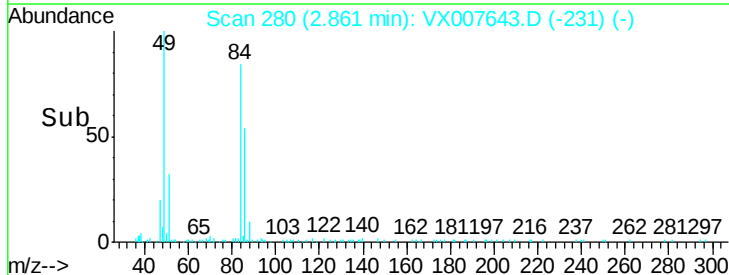
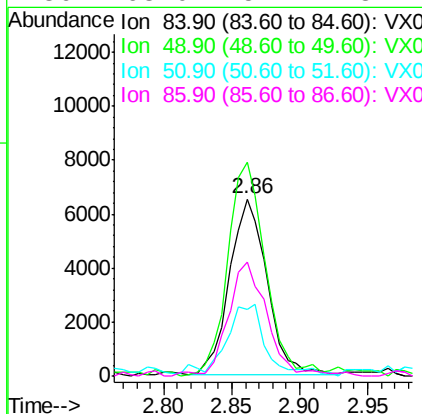
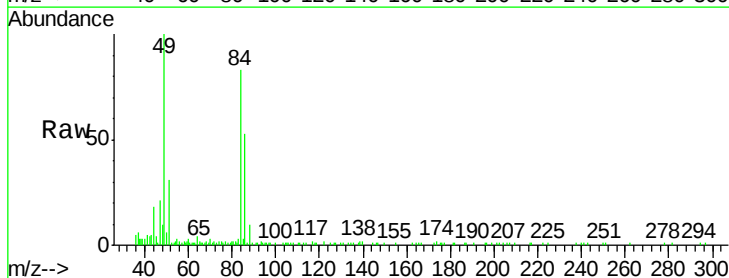
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#17

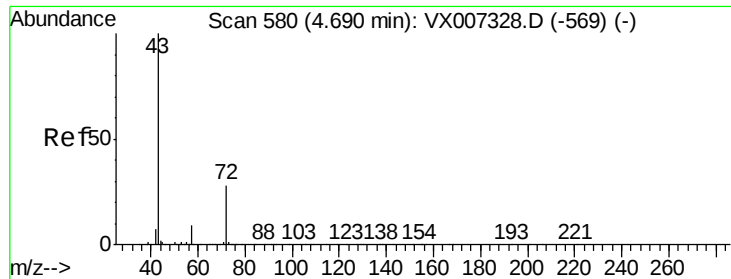
Tot Ion: 43 Resp: 13661
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2



#20
Methylene Chloride
Concen: 2.550 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007643.D
Acq: 21 Feb 2019 20:42

Tgt Ion: 84 Resp: 12529
Ion Ratio Lower Upper
84 100
49 120.9 94.8 142.2
51 37.8 29.8 44.8
86 63.0 54.1 81.1





#25

2-Butanone

Concen: 1.919 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007643.D

Acq: 21 Feb 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

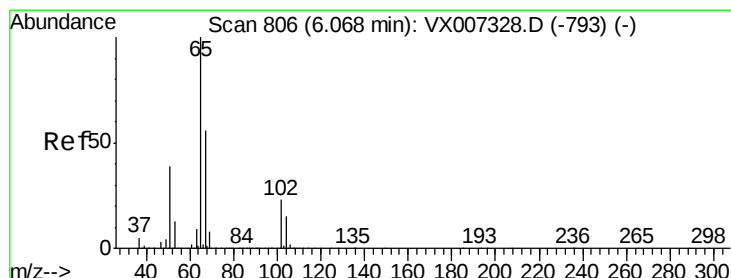
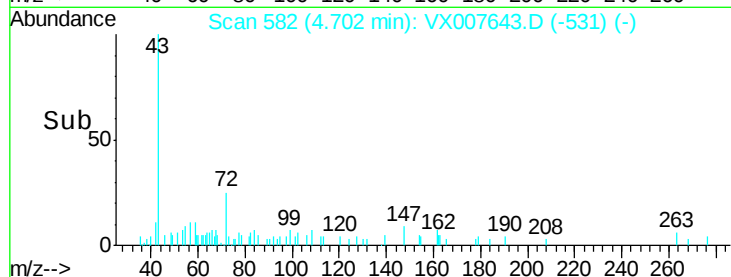
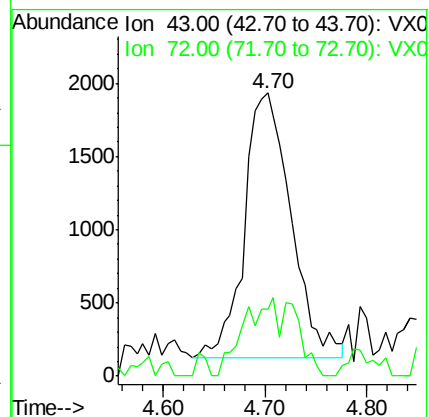
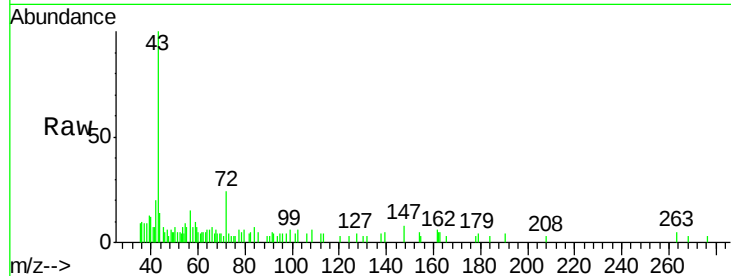
PB117250ZHE#17

Tot Ion: 43 Resp: 5730

Ion Ratio Lower Upper

43 100

72 25.5 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 56.772 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007643.D

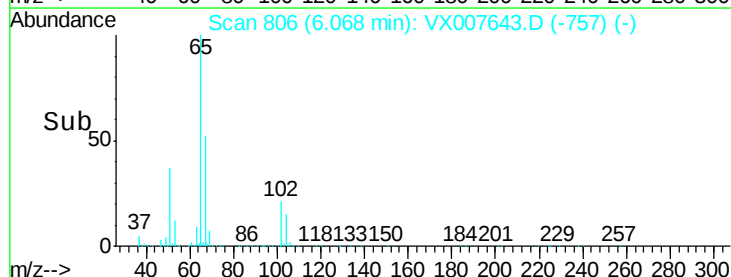
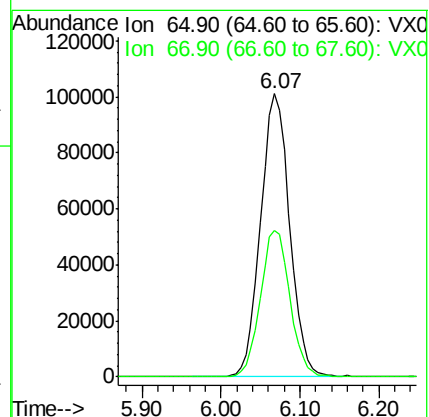
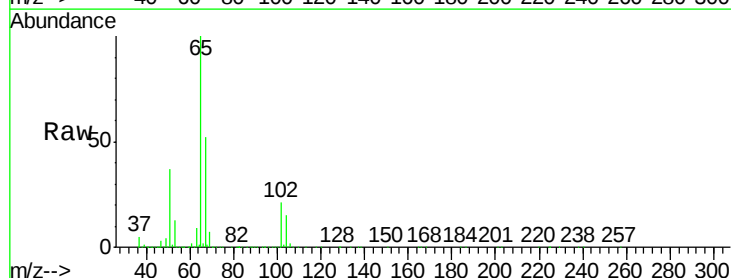
Acq: 21 Feb 2019 20:42

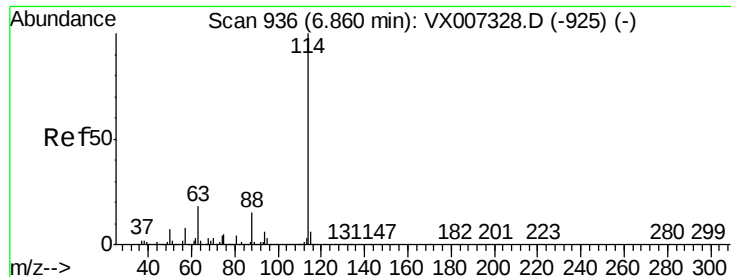
Tgt Ion: 65 Resp: 260015

Ion Ratio Lower Upper

65 100

67 52.5 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: VX007643.D

Acq: 21 Feb 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#17

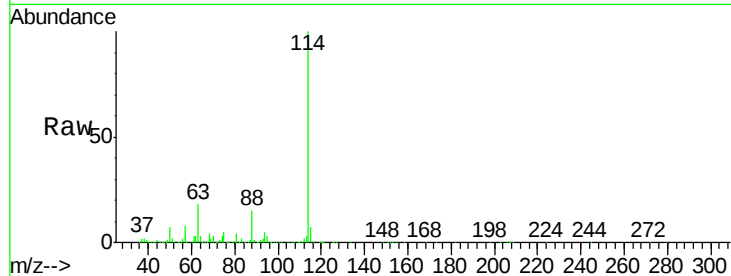
Tot Ion:114 Resp: 721829

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

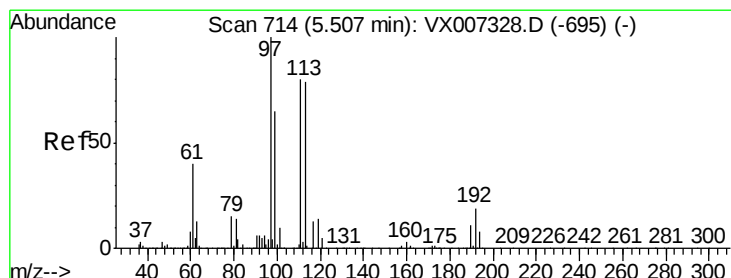
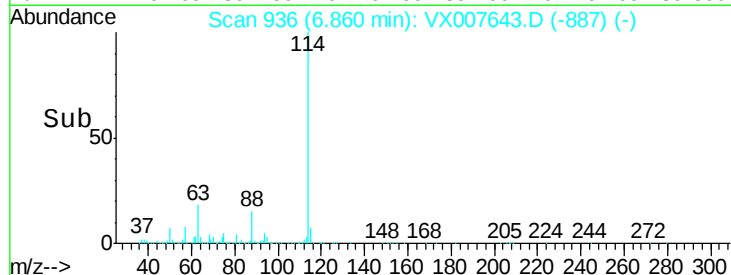
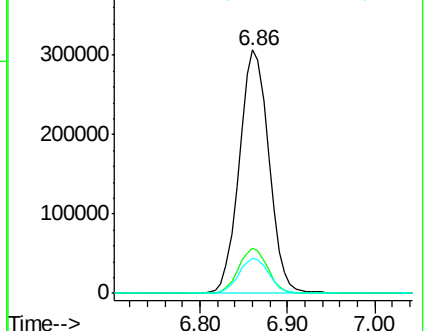
88 14.6 0.0 29.6



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: 51.126 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007643.D

Acq: 21 Feb 2019 20:42

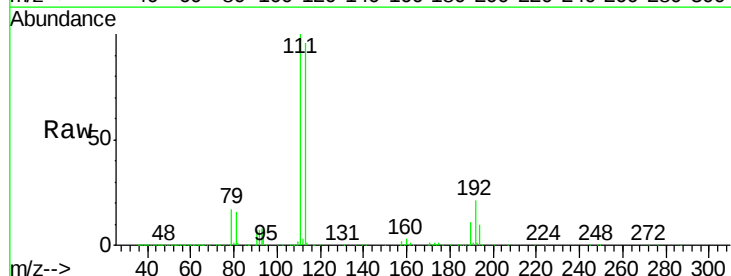
Tgt Ion:113 Resp: 240125

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

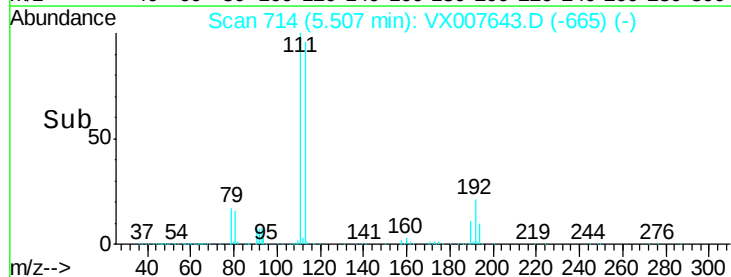
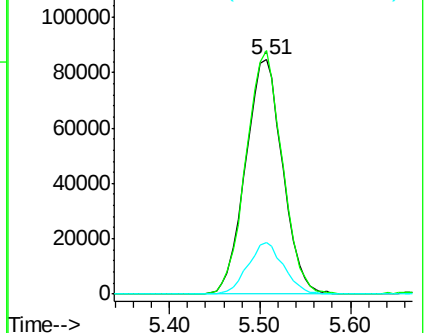
192 21.3 18.5 27.7

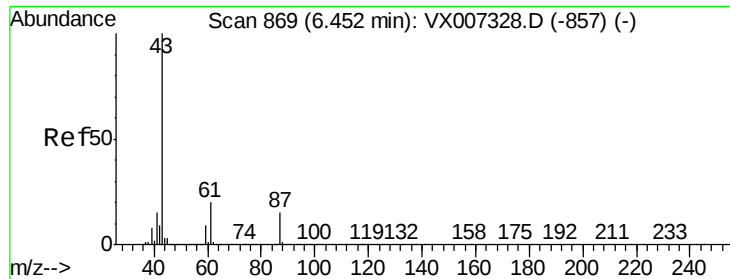


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



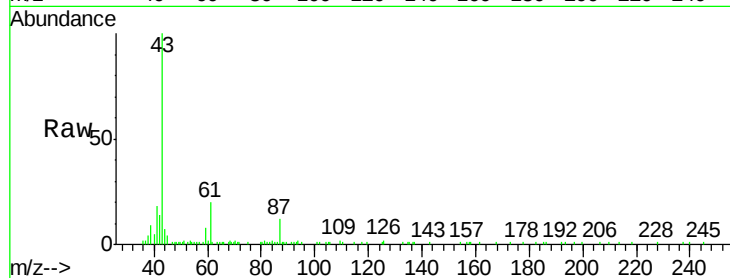


#43

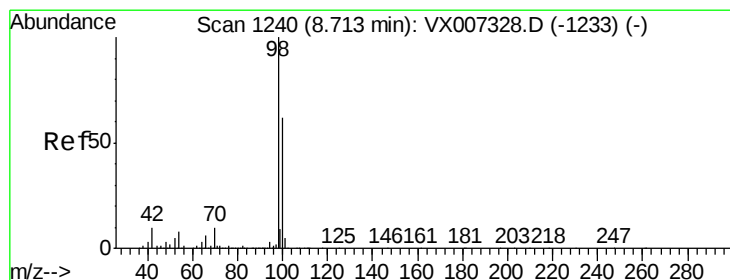
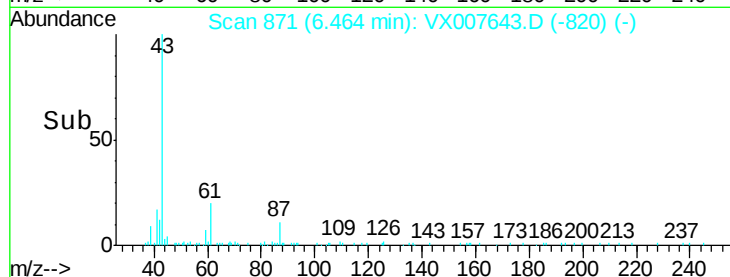
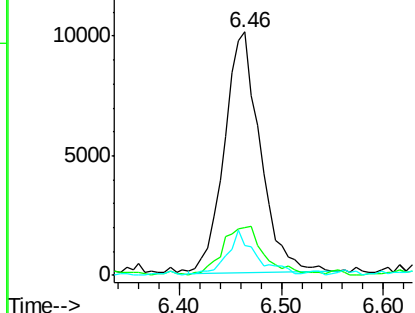
Isopropyl Acetate
 Concen: 2.430 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007643.D
 Acq: 21 Feb 2019 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#17

Tot Ion	43	Resp	24557
Ion Ratio	Lower	Upper	
43	100		
61	23.4	16.1	24.1
87	15.3	11.5	17.3



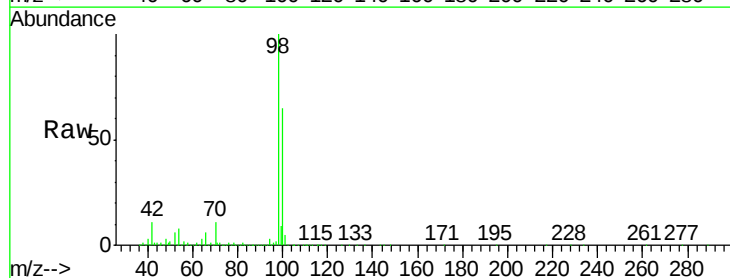
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



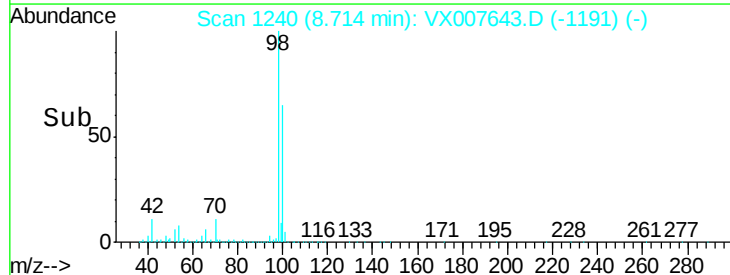
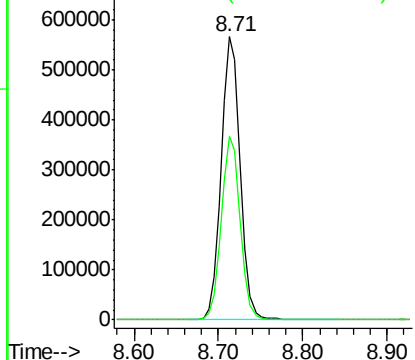
#50

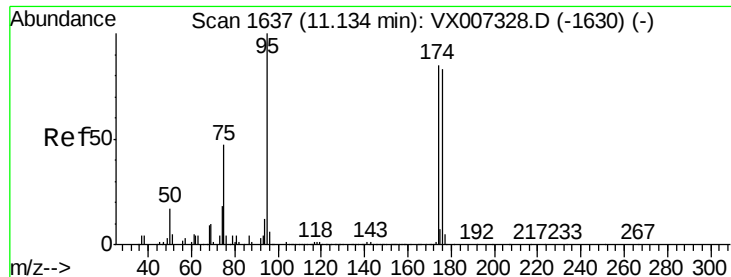
Toluene-d8
 Concen: 50.708 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007643.D
 Acq: 21 Feb 2019 20:42

Tgt Ion	98	Resp	883610
Ion Ratio	Lower	Upper	
98	100		
100	64.3	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: 48.404 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007643.D

Acq: 21 Feb 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#17

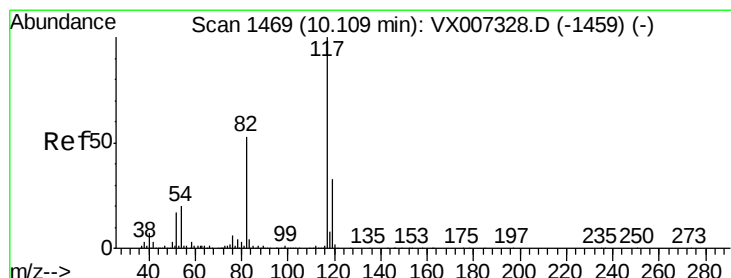
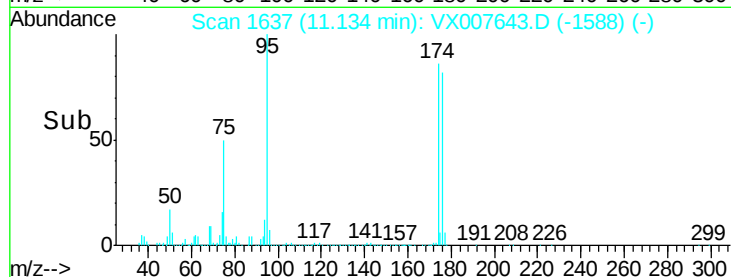
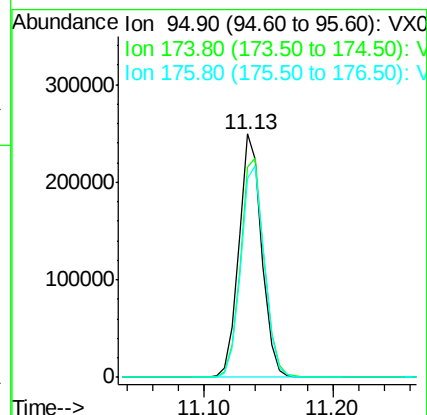
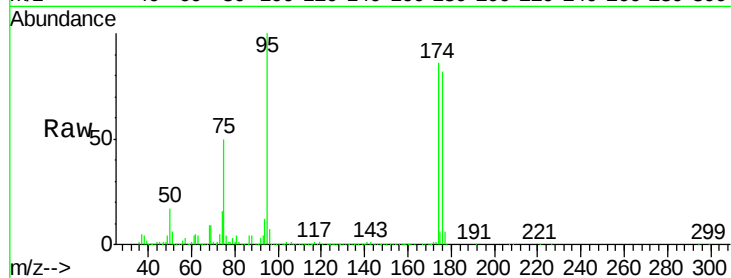
Tot Ion: 95 Resp: 307949

Ion Ratio Lower Upper

95 100

174 93.6 0.0 189.2

176 89.7 0.0 186.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007643.D

Acq: 21 Feb 2019 20:42

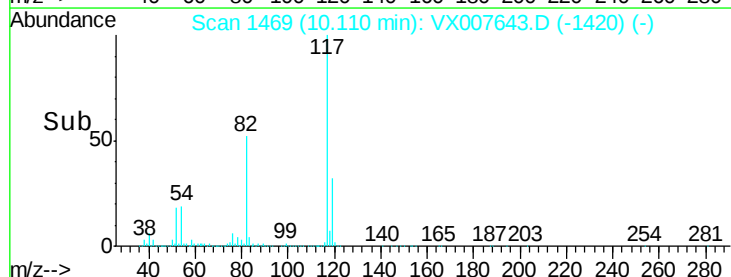
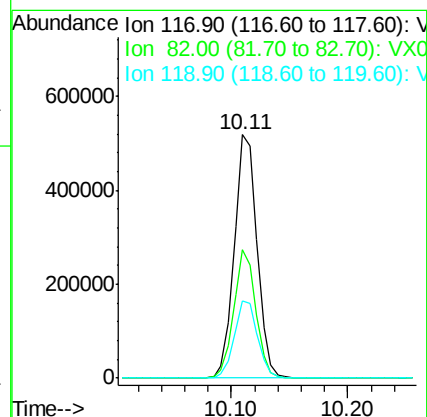
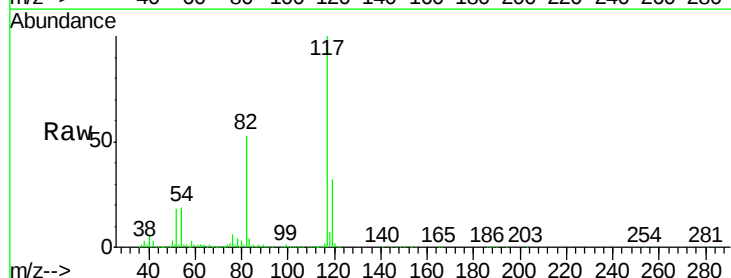
Tgt Ion: 117 Resp: 708356

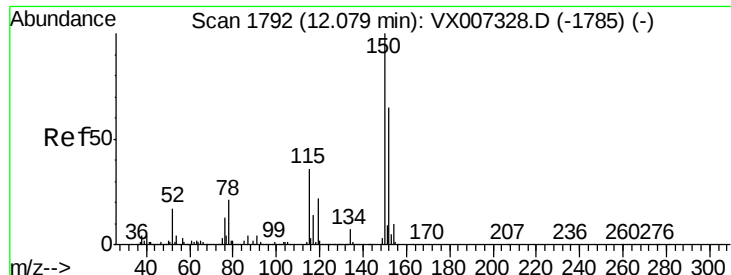
Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 31.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007643.D

Acq: 21 Feb 2019 20:42

Instrument :

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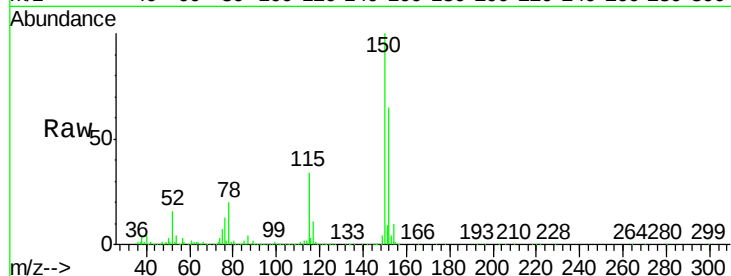
Tot Ion:152 Resp: 330023

Ion Ratio Lower Upper

152 100

115 54.6 38.0 114.0

150 154.6 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

