

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007634.D
 Acq On : 21 Feb 2019 16:42
 Operator : JC/SP
 Sample : PB117250ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#08

Quant Time: Feb 22 06:02:05 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	433779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	703460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	696090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	327516	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	251824	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
35) Dibromofluoromethane	5.51	113	232353	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	8.71	98	871153	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.13	95	305750	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

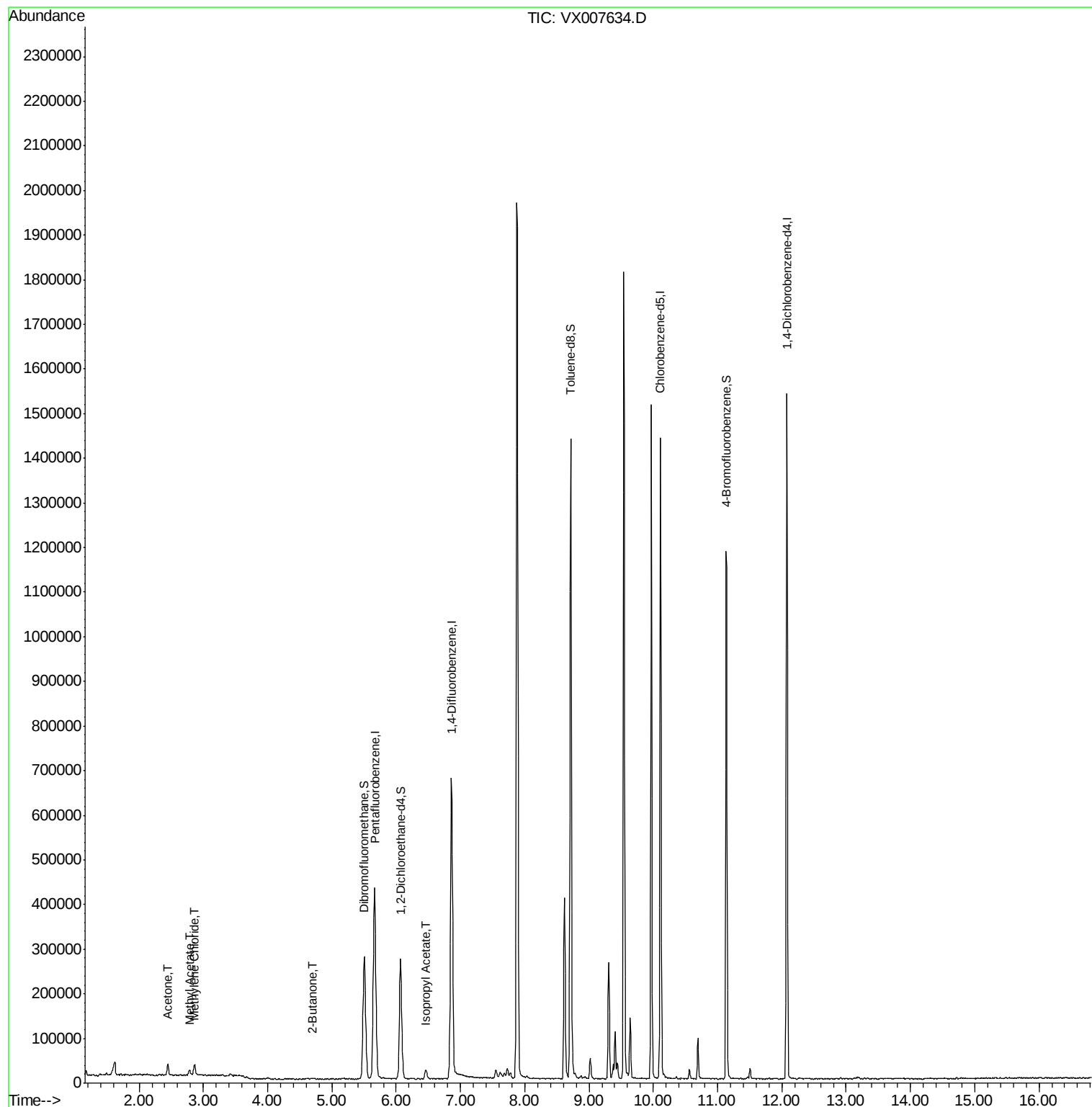
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	27749	13.157	ug/l	99
18) Methyl Acetate	2.78	43	15120	3.312	ug/l	94
20) Methylene Chloride	2.86	84	11359	2.261	ug/l	94
25) 2-Butanone	4.70	43	5084	1.694	ug/l	97
43) Isopropyl Acetate	6.46	43	25559	2.595	ug/l	94

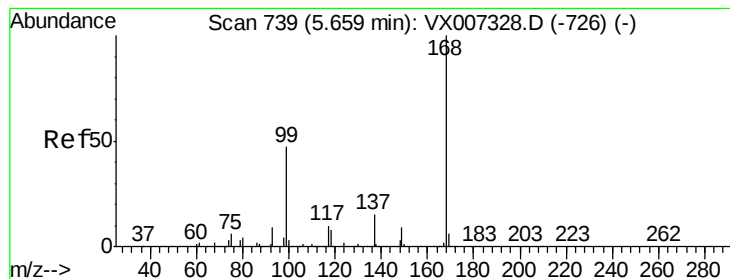
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007634.D

Acq: 21 Feb 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

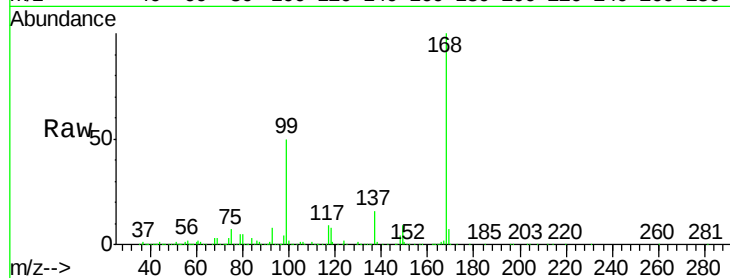
PB117250ZHE#08

Tot Ion:168 Resp: 433779

Ion Ratio Lower Upper

168 100

99 50.0 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

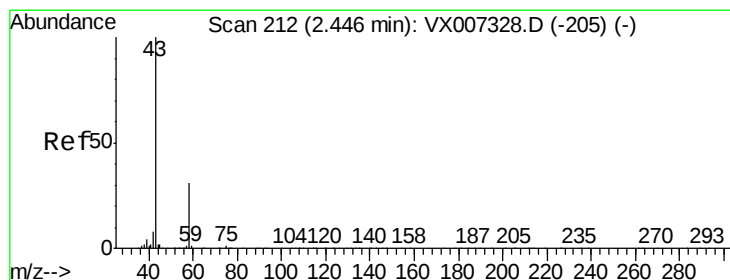
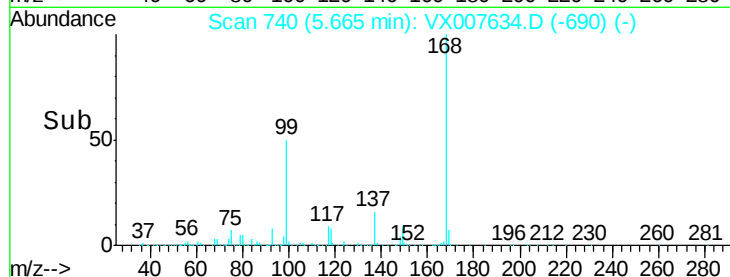
50000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 13.157 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007634.D

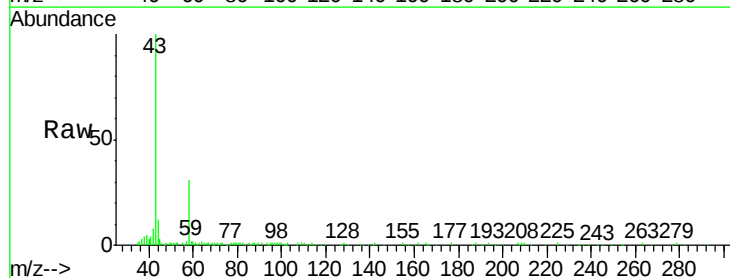
Acq: 21 Feb 2019 16:42

Tgt Ion: 43 Resp: 27749

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

10000

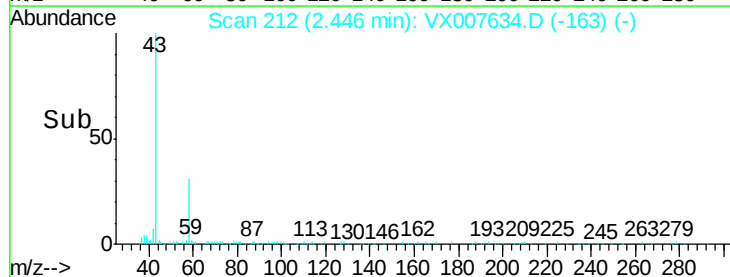
5000

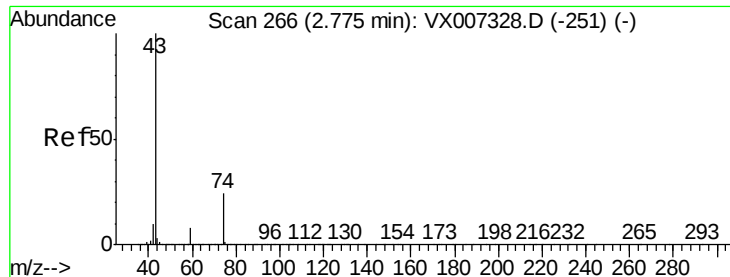
0

2.45

2.40 2.45 2.50

Time-->

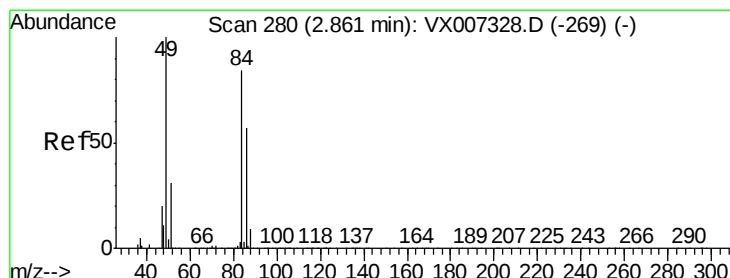
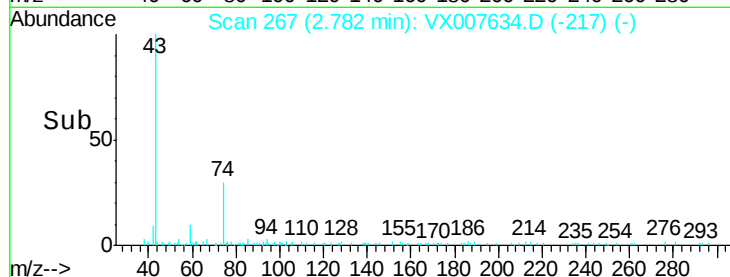
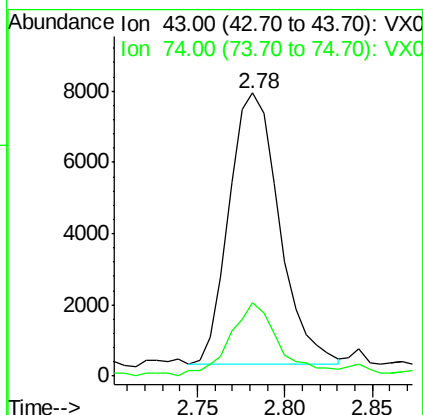
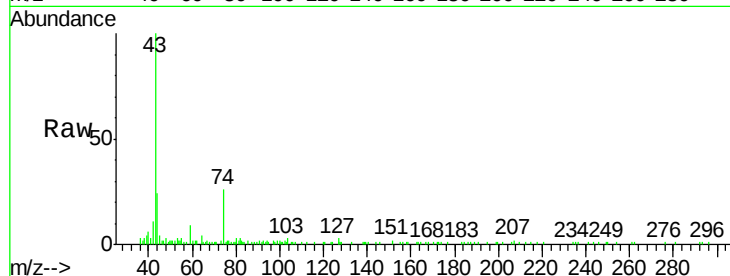




#18
Methyl Acetate
Concen: 3.312 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007634.D
Acq: 21 Feb 2019 16:42

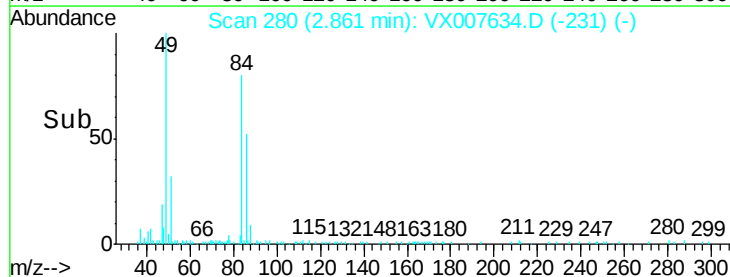
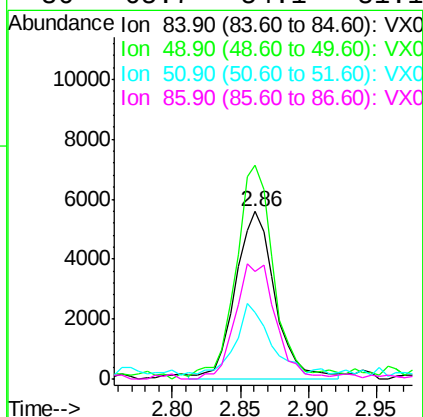
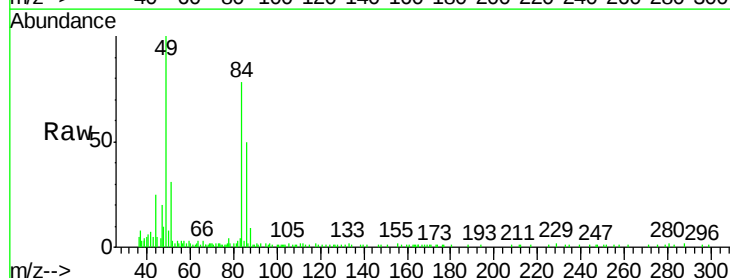
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#08

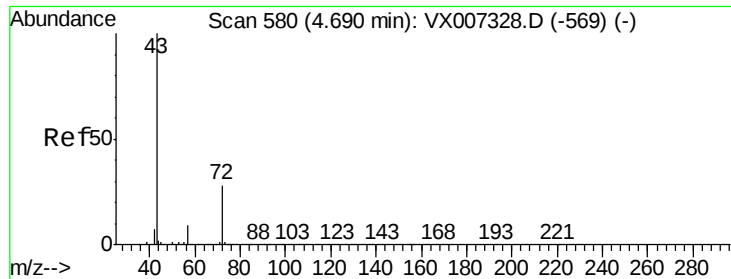
Tot Ion: 43 Resp: 15120
Ion Ratio Lower Upper
43 100
74 27.1 19.4 29.2



#20
Methylene Chloride
Concen: 2.261 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007634.D
Acq: 21 Feb 2019 16:42

Tgt Ion: 84 Resp: 11359
Ion Ratio Lower Upper
84 100
49 128.7 94.8 142.2
51 36.9 29.8 44.8
86 65.7 54.1 81.1





#25

2-Butanone

Concen: 1.694 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007634.D

Acq: 21 Feb 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

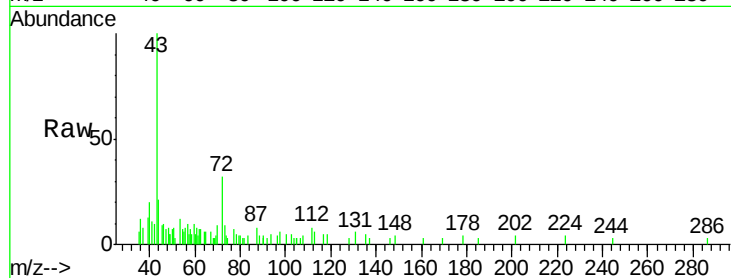
PB117250ZHE#08

Tot Ion: 43 Resp: 5084

Ion Ratio Lower Upper

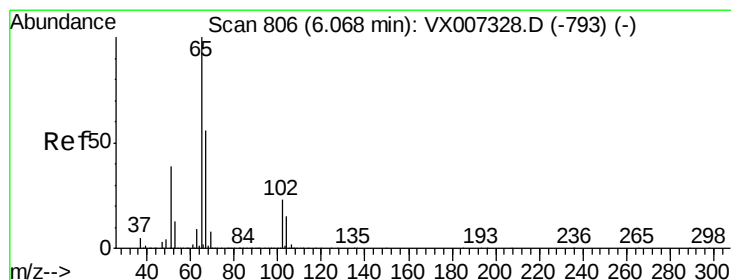
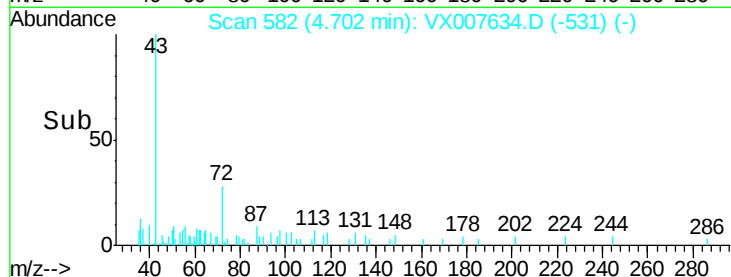
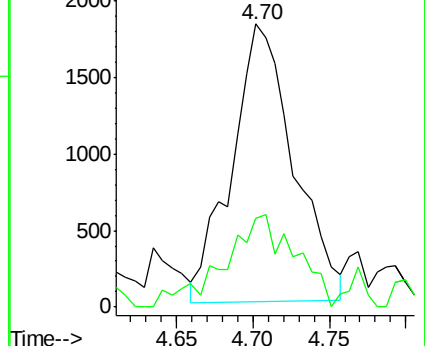
43 100

72 29.2 22.2 33.2



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: 54.694 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007634.D

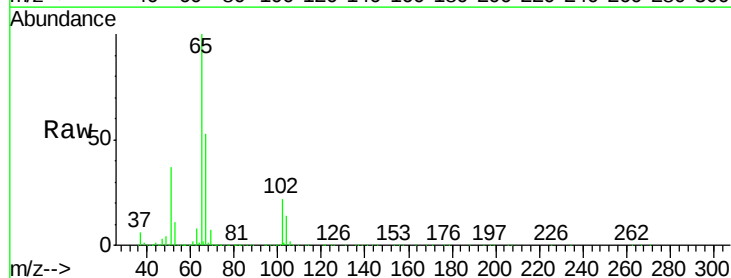
Acq: 21 Feb 2019 16:42

Tgt Ion: 65 Resp: 251824

Ion Ratio Lower Upper

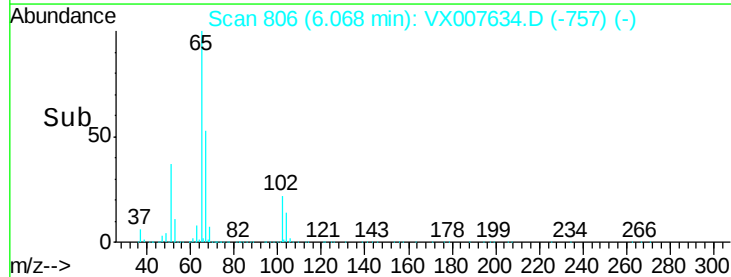
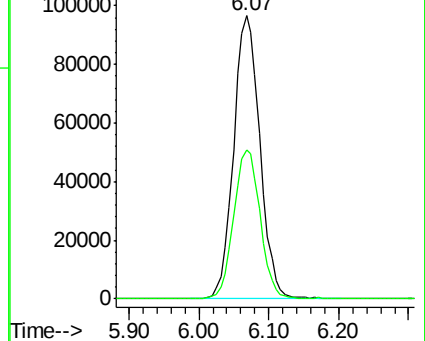
65 100

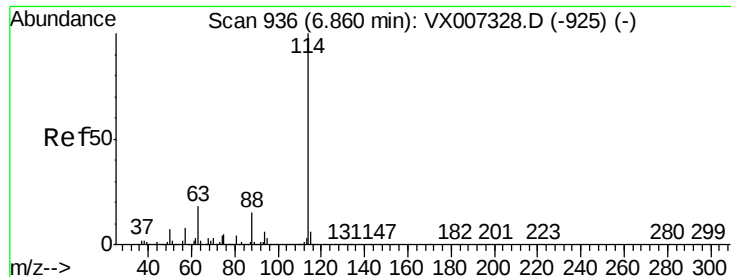
67 52.6 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007634.D

Acq: 21 Feb 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#08

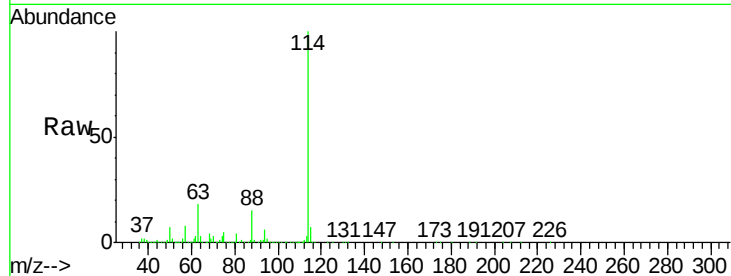
Tot Ion:114 Resp: 703460

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

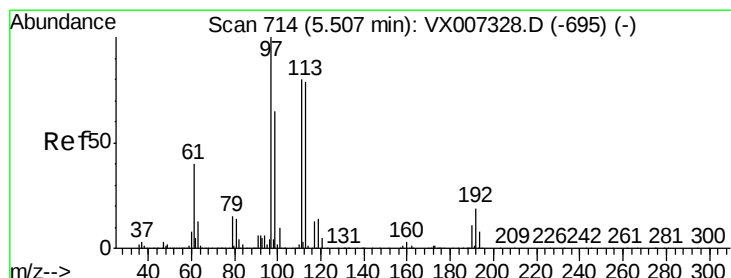
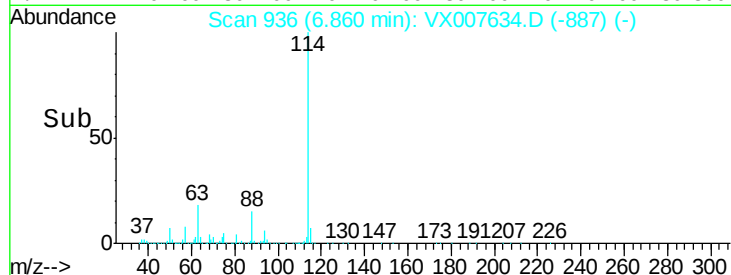
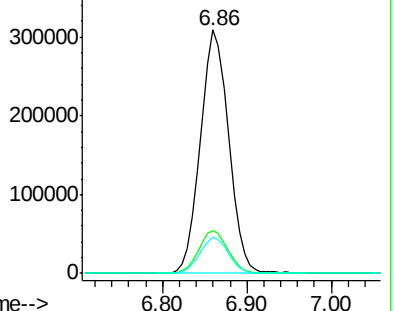
88 14.7 0.0 29.6



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: 50.764 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007634.D

Acq: 21 Feb 2019 16:42

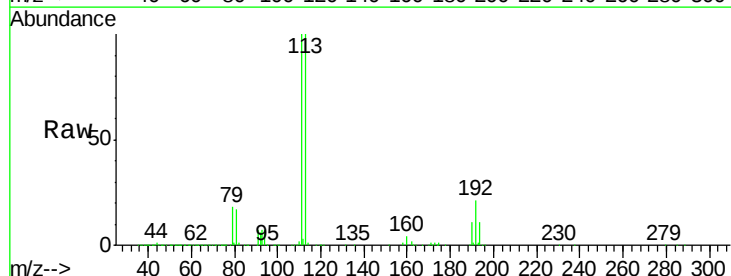
Tgt Ion:113 Resp: 232353

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

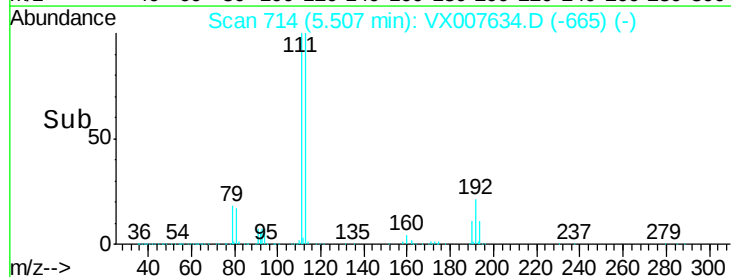
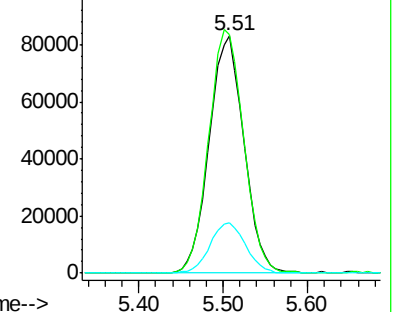
192 21.8 18.5 27.7

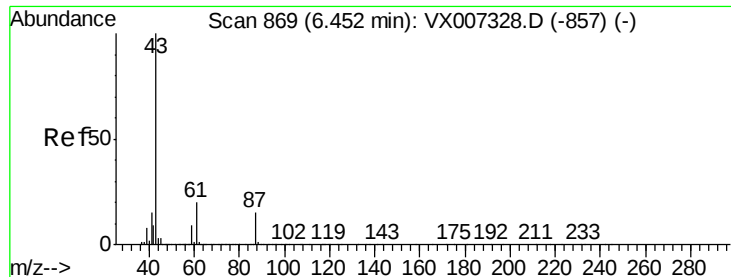


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.595 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007634.D

Acq: 21 Feb 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#08

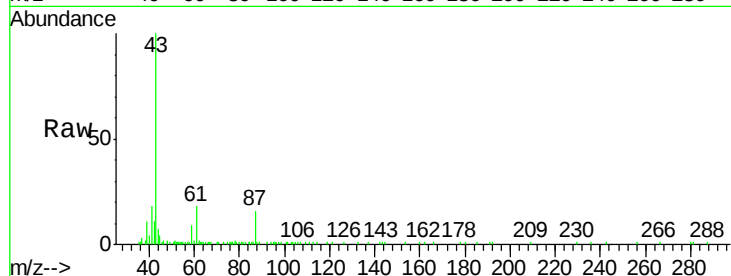
Tot Ion: 43 Resp: 25559

Ion Ratio Lower Upper

43 100

61 22.9 16.1 24.1

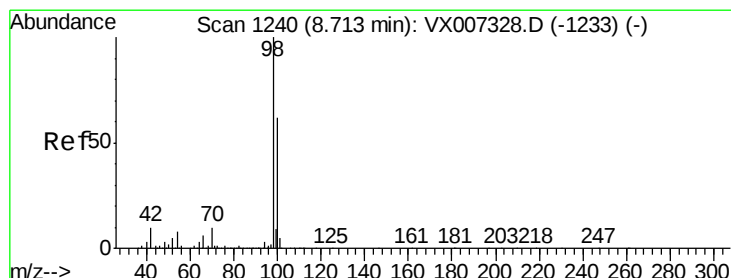
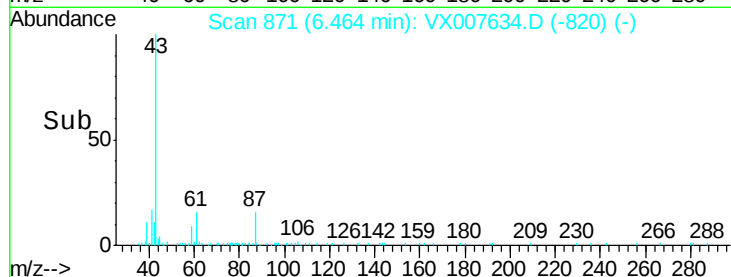
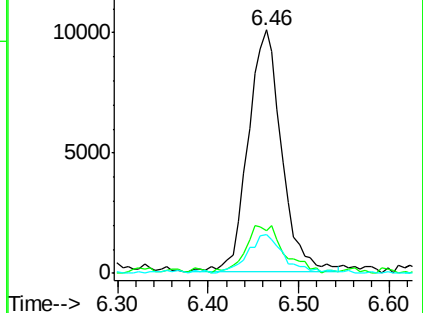
87 17.1 11.5 17.3



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: 51.298 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007634.D

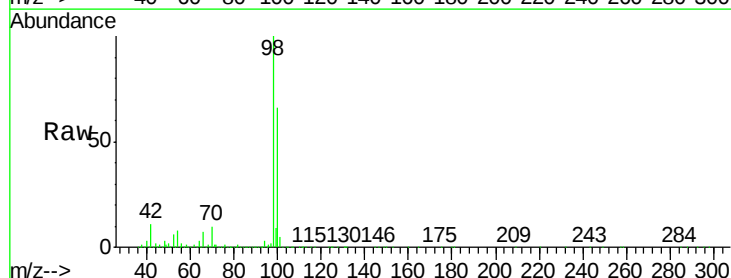
Acq: 21 Feb 2019 16:42

Tgt Ion: 98 Resp: 871153

Ion Ratio Lower Upper

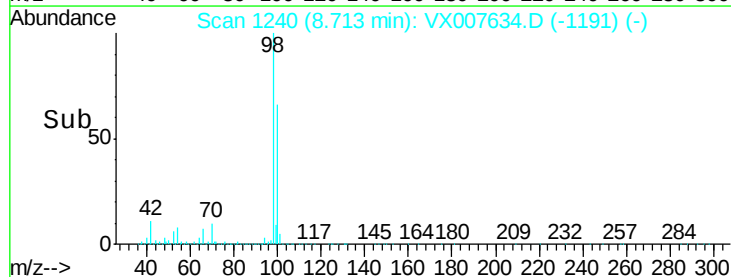
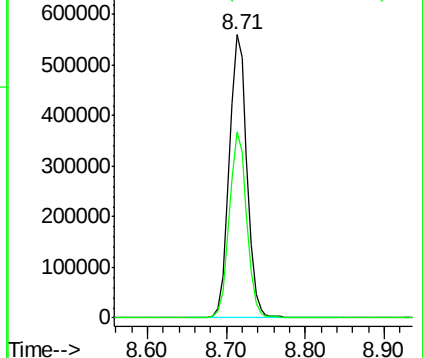
98 100

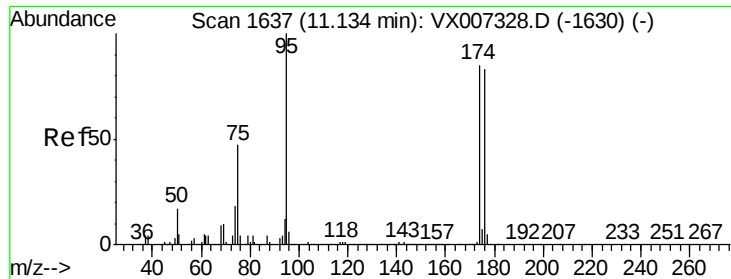
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

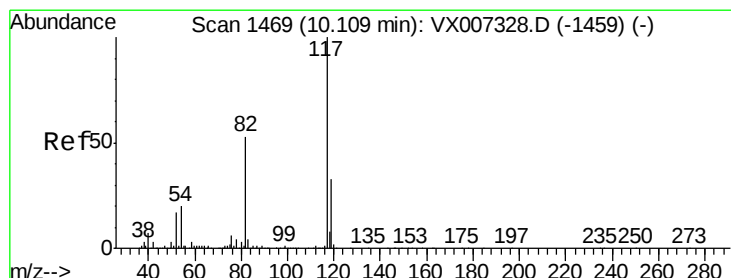
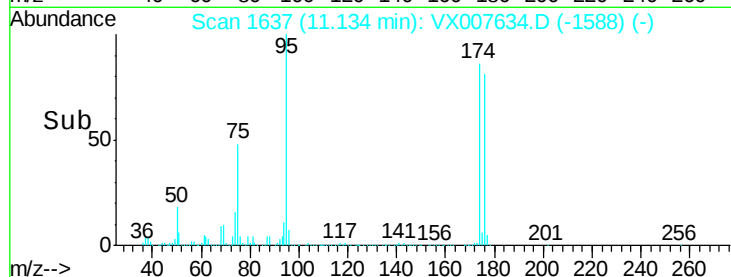
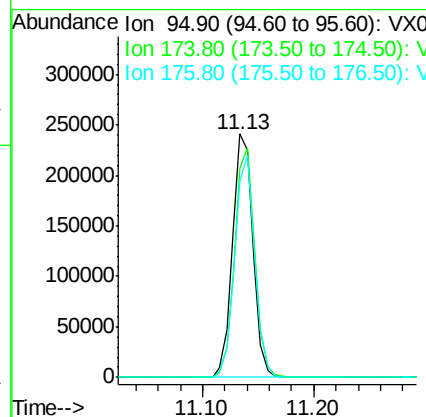
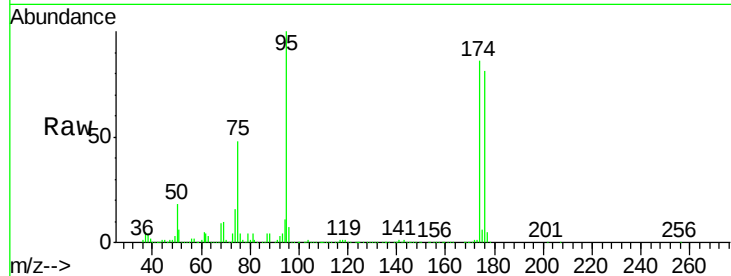




#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007634.D
Acq: 21 Feb 2019 16:42

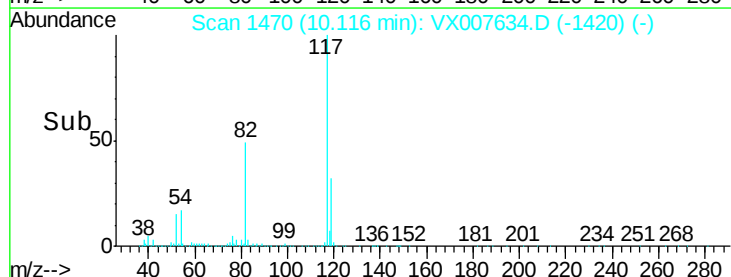
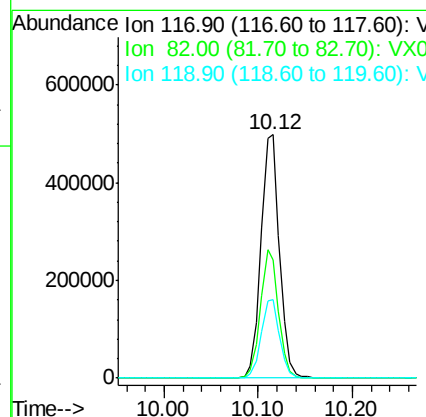
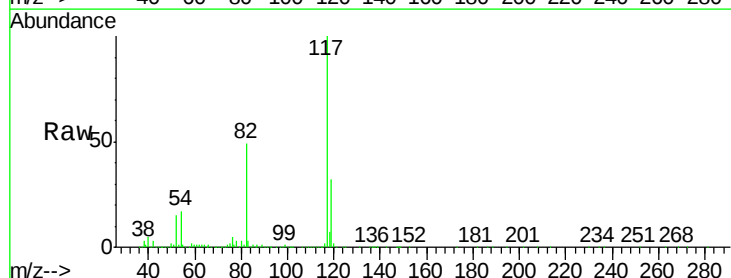
Instrument :
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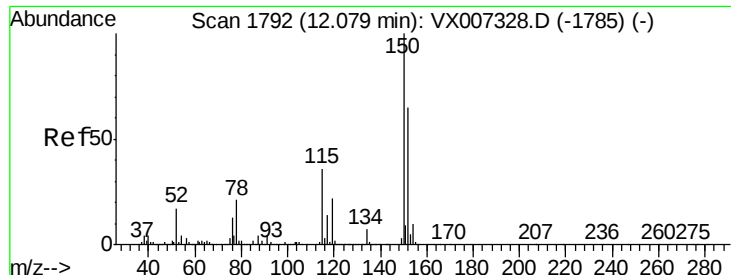
Tot Ion: 95 Resp: 305750
Ion Ratio Lower Upper
95 100
174 93.0 0.0 189.2
176 89.1 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007634.D
Acq: 21 Feb 2019 16:42

Tgt Ion: 117 Resp: 696090
Ion Ratio Lower Upper
117 100
82 48.7 42.1 63.1
119 32.1 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: VX007634.D

Acq: 21 Feb 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#08

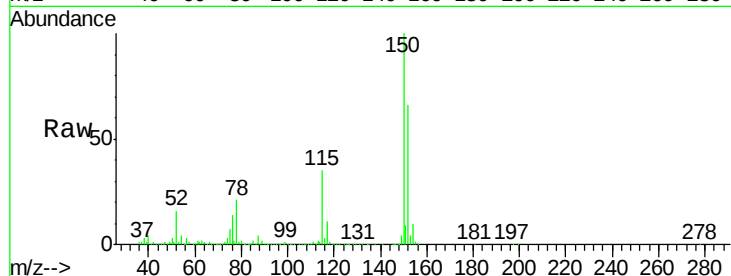
Tot Ion:152 Resp: 327516

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

150 155.0 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

