

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007383.D
 Acq On : 05 Feb 2019 18:05
 Operator : JC/SP
 Sample : PB116824ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824ZHE#01

Quant Time: Feb 06 01:34:32 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

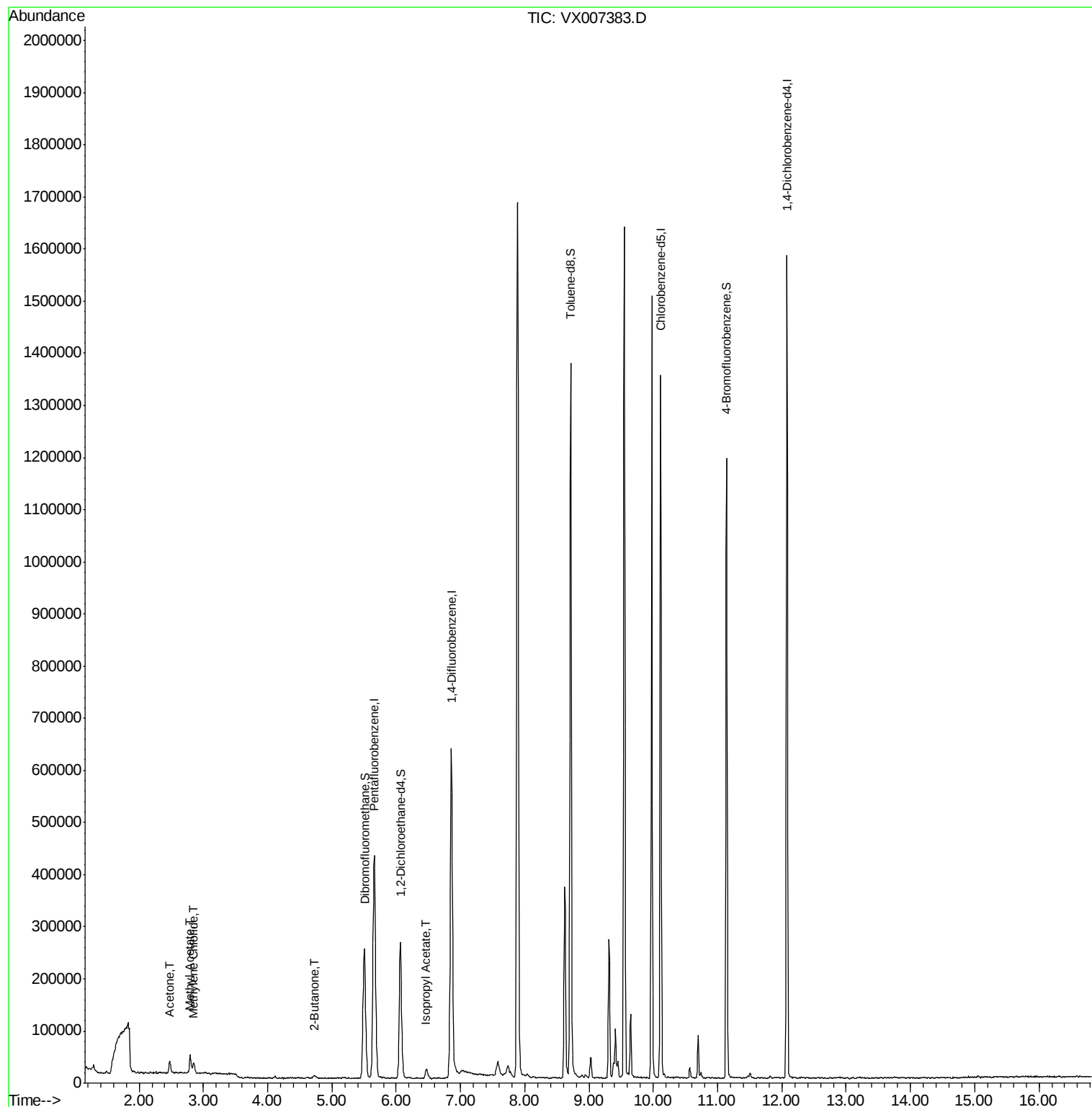
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	441419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	678853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	652626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	329613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	242356	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	211960	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	827607	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	300374	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
16) Acetone	2.48	43	26717	12.448	ug/l	97
18) Methyl Acetate	2.79	43	48436	9.152	ug/l	99
20) Methylene Chloride	2.85	84	10458	2.008	ug/l	94
25) 2-Butanone	4.73	43	11465	3.754	ug/l #	86
43) Isopropyl Acetate	6.46	43	26352	2.773	ug/l	95

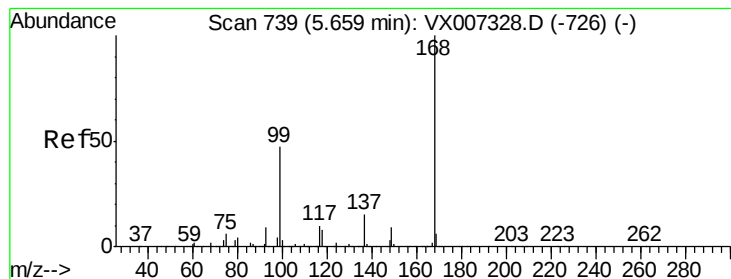
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007383.D

Acq: 05 Feb 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

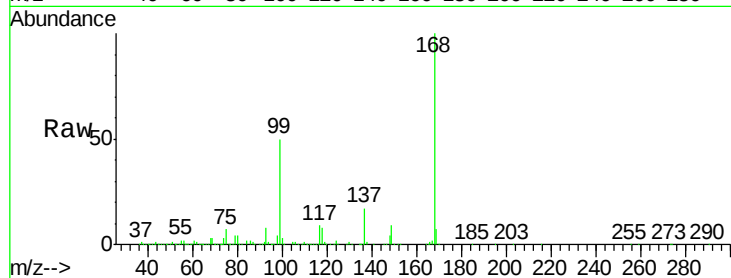
PB116824ZHE#01

Tot Ion:168 Resp: 441419

Ion Ratio Lower Upper

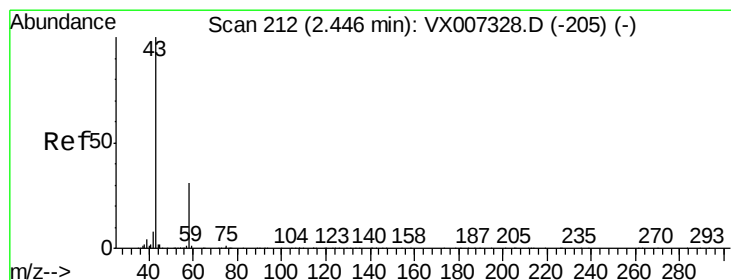
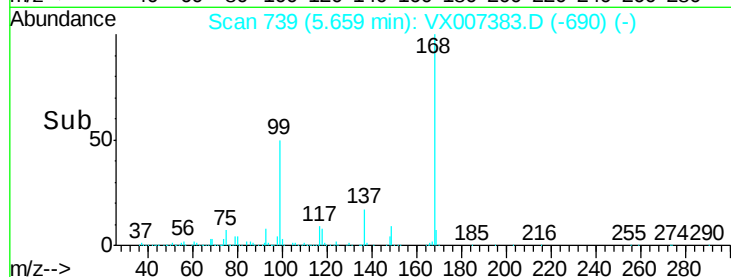
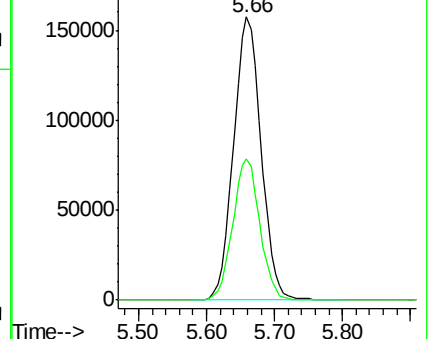
168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.448 ug/l

RT: 2.48 min Scan# 217

Delta R.T. 0.03 min

Lab File: VX007383.D

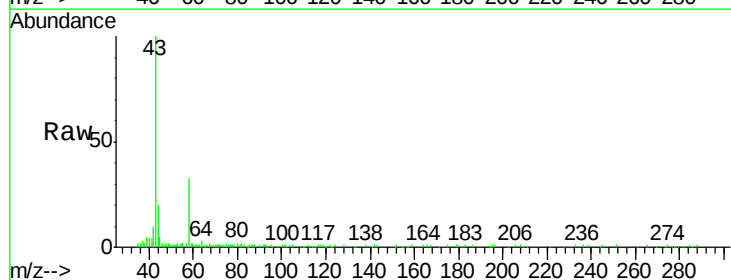
Acq: 05 Feb 2019 18:05

Tgt Ion: 43 Resp: 26717

Ion Ratio Lower Upper

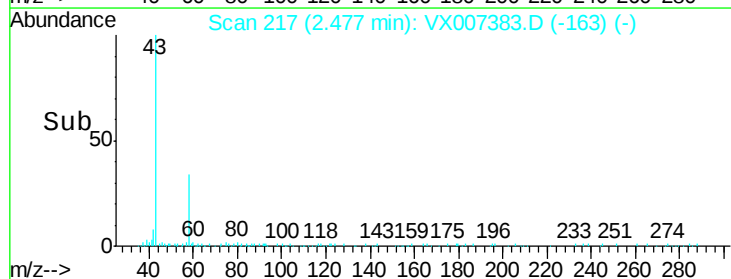
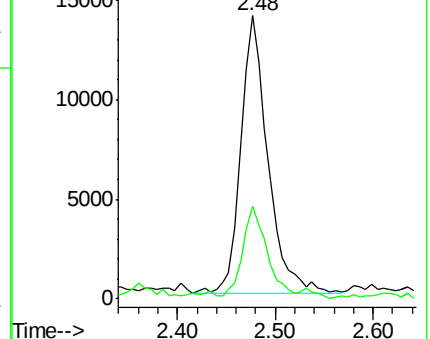
43 100

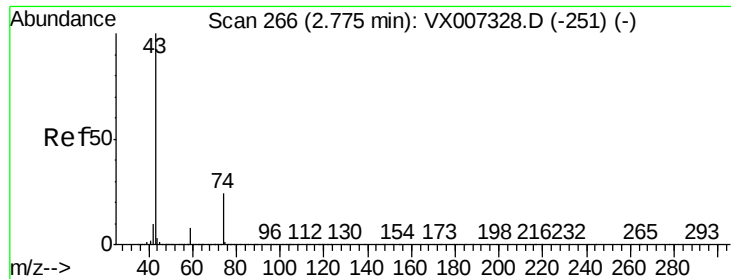
58 32.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

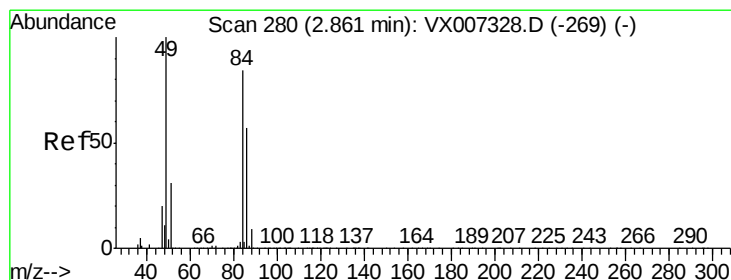
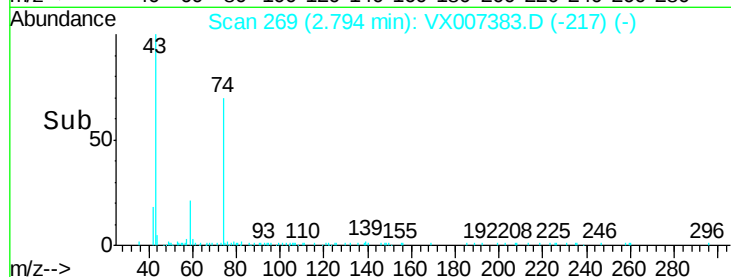
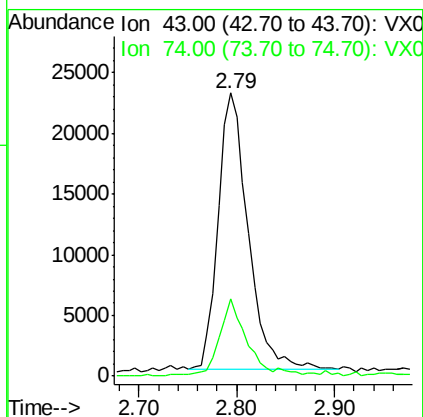
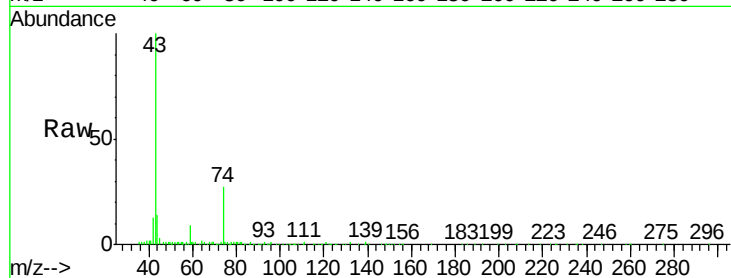




#18
Methyl Acetate
Concen: 9.152 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX007383.D
Acq: 05 Feb 2019 18:05

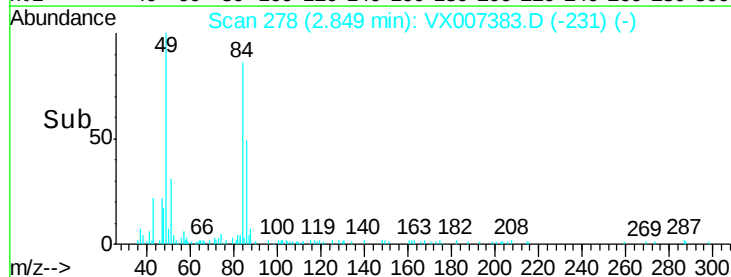
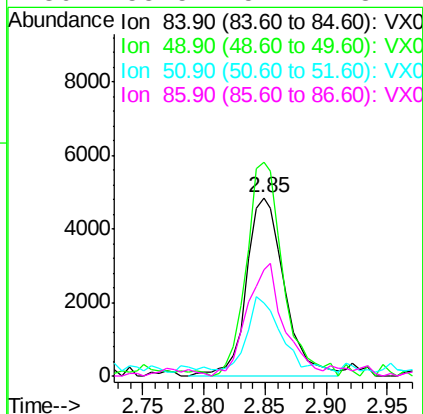
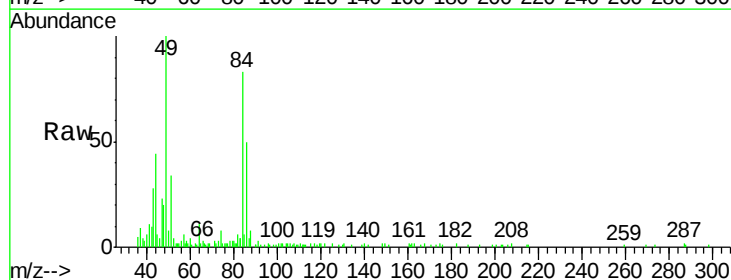
Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#01

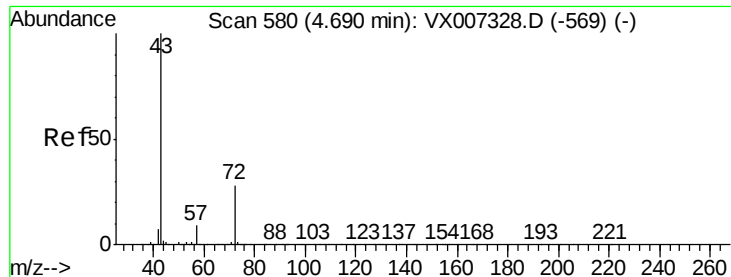
Tot Ion: 43 Resp: 48436
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2



#20
Methylene Chloride
Concen: 2.008 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007383.D
Acq: 05 Feb 2019 18:05

Tgt Ion: 84 Resp: 10458
Ion Ratio Lower Upper
84 100
49 119.8 94.8 142.2
51 38.5 29.8 44.8
86 55.5 54.1 81.1





#25

2-Butanone

Concen: 3.754 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.04 min

Lab File: VX007383.D

Acq: 05 Feb 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

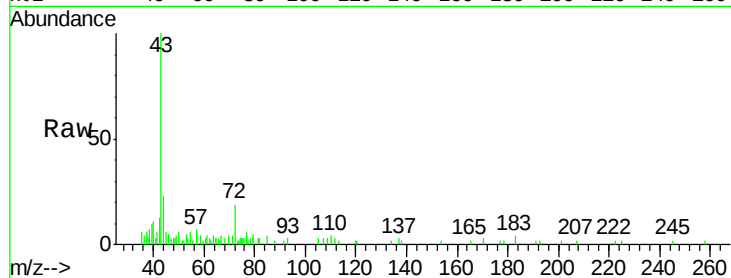
PB116824ZHE#01

Tot Ion: 43 Resp: 11465

Ion Ratio Lower Upper

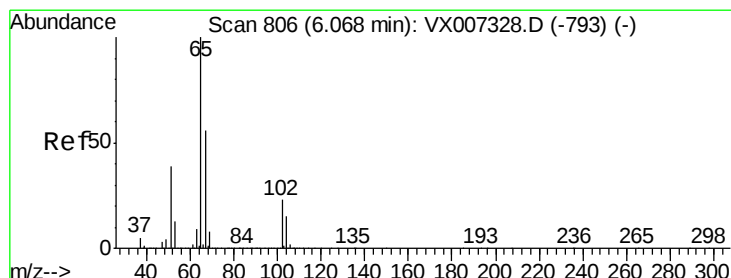
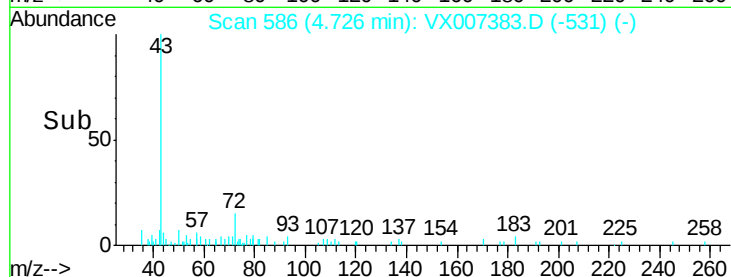
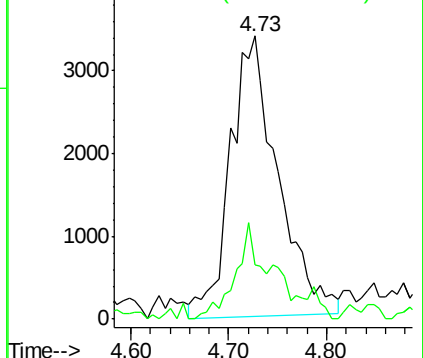
43 100

72 20.1 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: 51.727 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007383.D

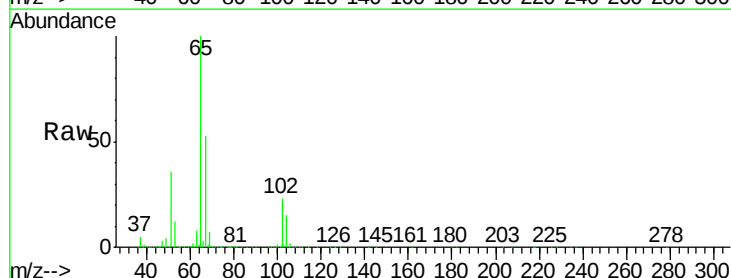
Acq: 05 Feb 2019 18:05

Tgt Ion: 65 Resp: 242356

Ion Ratio Lower Upper

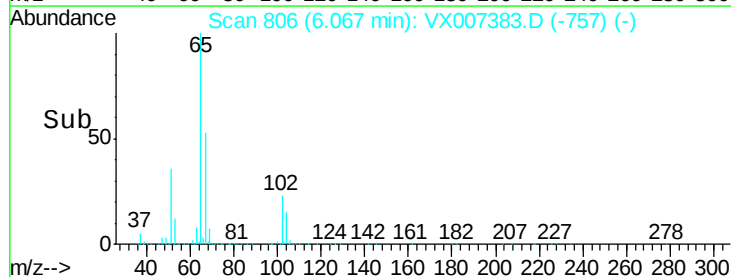
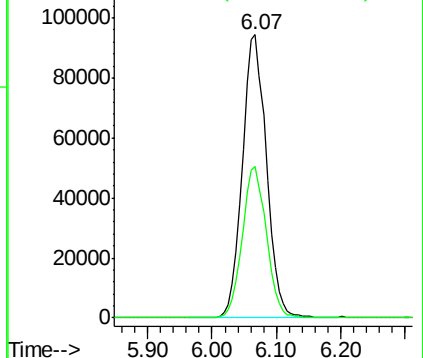
65 100

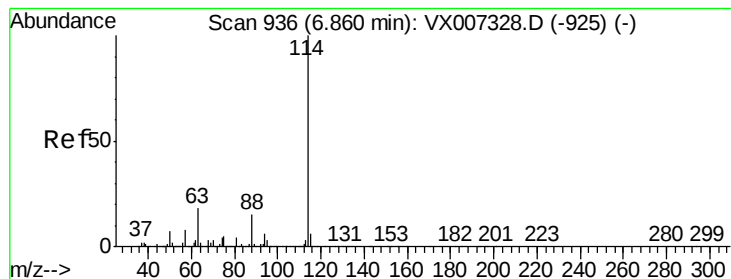
67 53.4 0.0 108.8



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: VX007383.D

Acq: 05 Feb 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#01

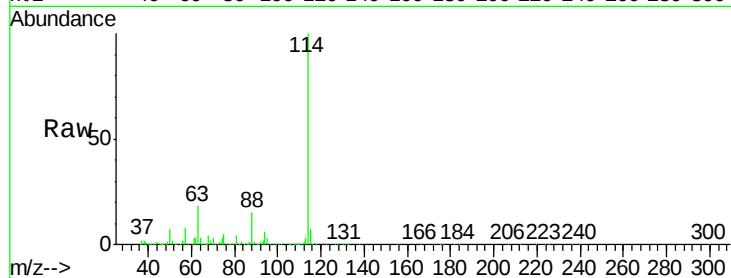
Tot Ion:114 Resp: 678853

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

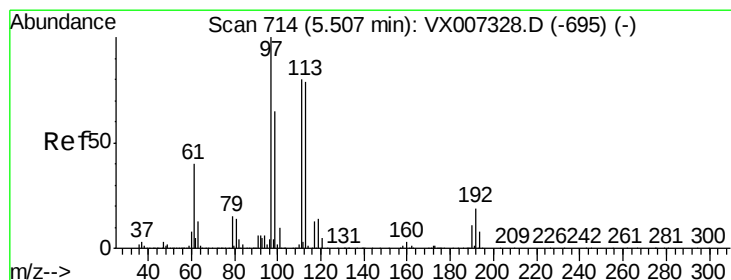
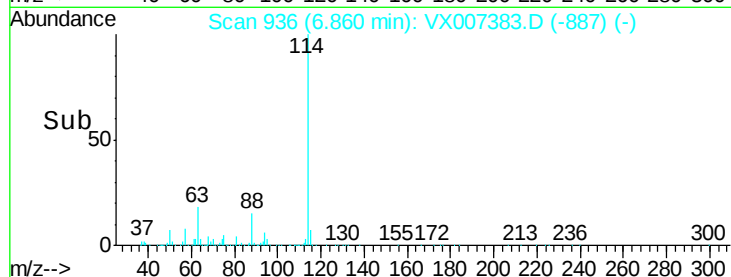
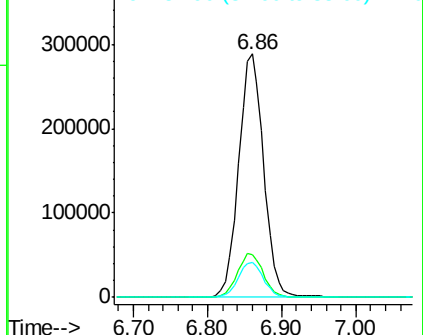
88 14.5 0.0 29.6



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: 47.987 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007383.D

Acq: 05 Feb 2019 18:05

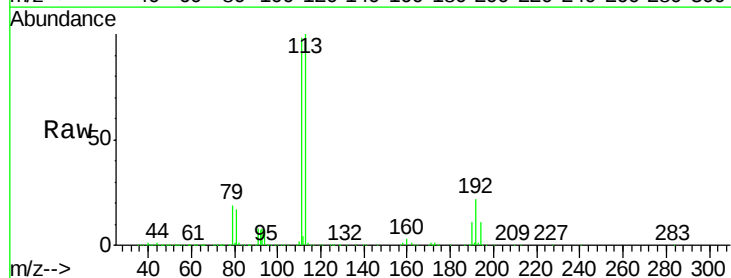
Tgt Ion:113 Resp: 211960

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

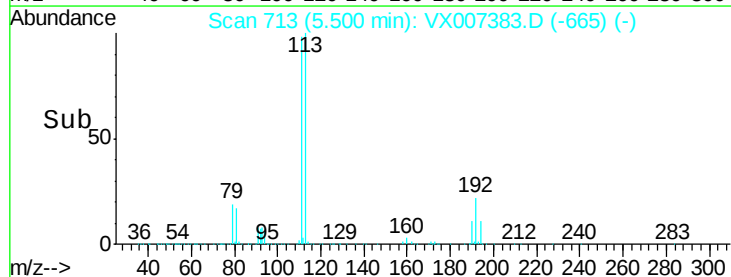
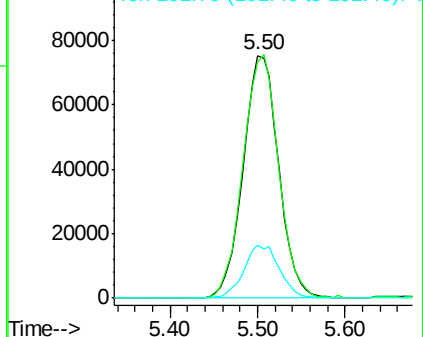
192 22.0 18.5 27.7

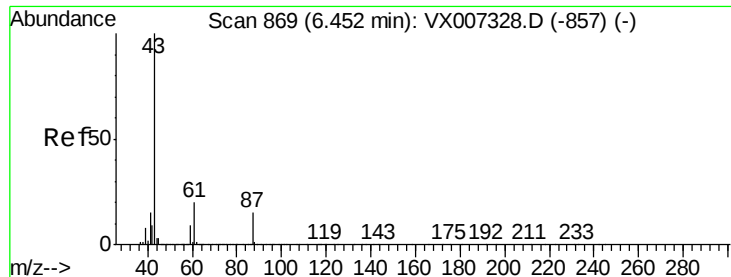


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.773 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007383.D

Acq: 05 Feb 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#01

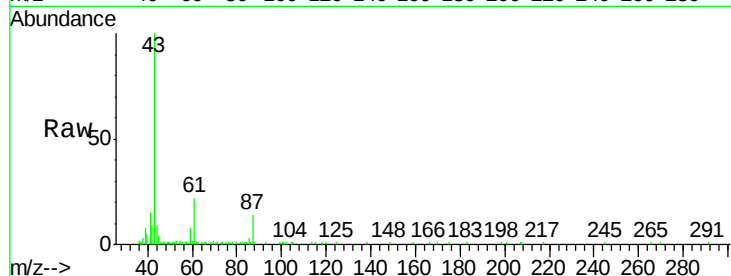
Tot Ion: 43 Resp: 26352

Ion Ratio Lower Upper

43 100

61 23.1 16.1 24.1

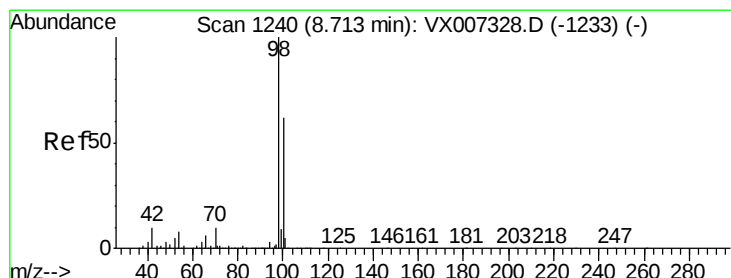
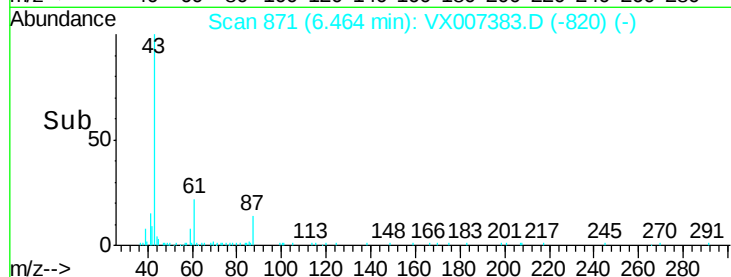
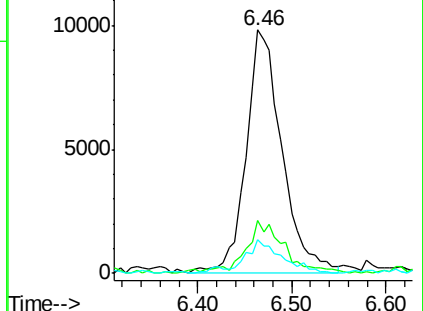
87 13.4 11.5 17.3



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: 50.501 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007383.D

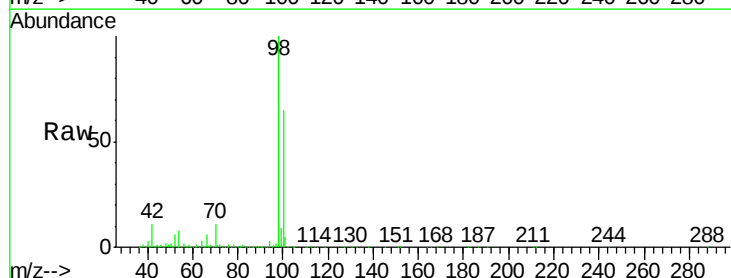
Acq: 05 Feb 2019 18:05

Tgt Ion: 98 Resp: 827607

Ion Ratio Lower Upper

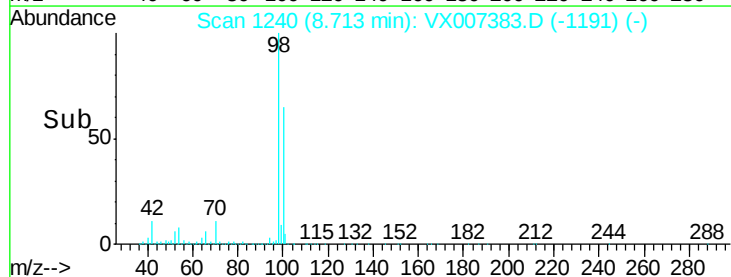
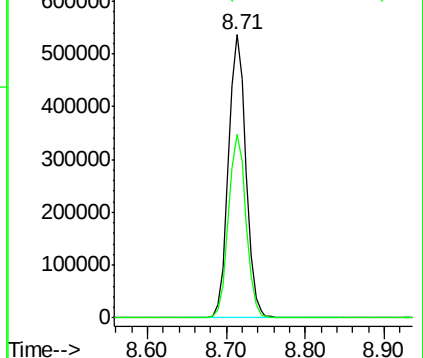
98 100

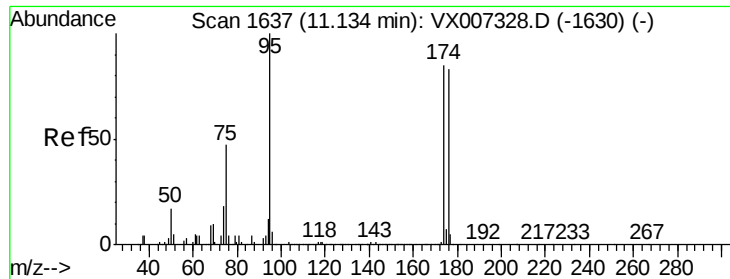
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

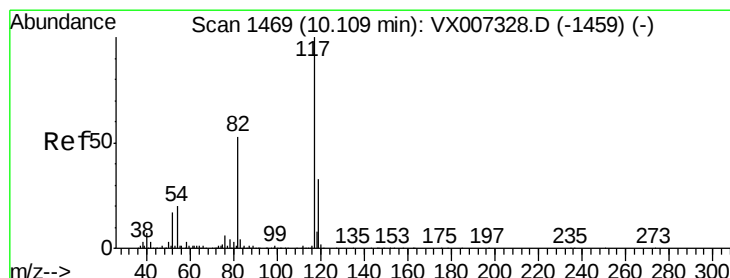
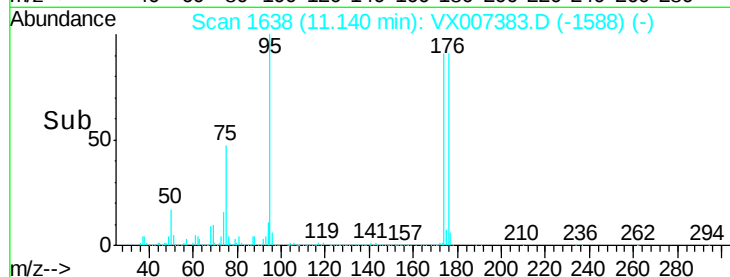
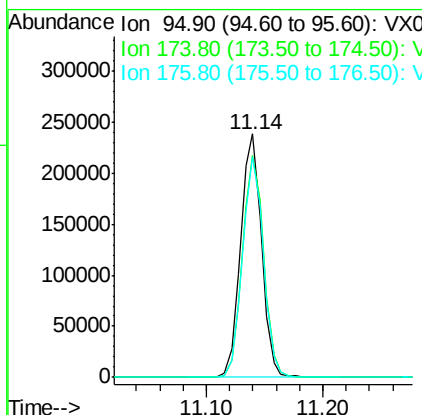
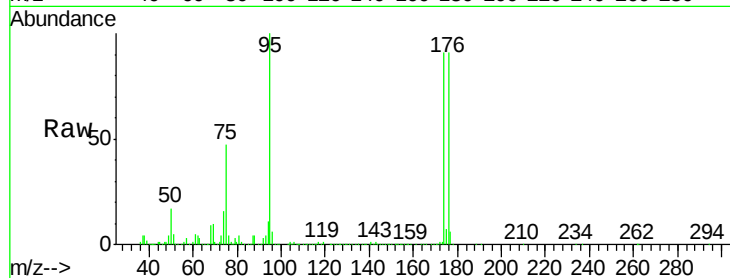




#62
4-Bromofluorobenzene
Concen: 50.202 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007383.D
Acq: 05 Feb 2019 18:05

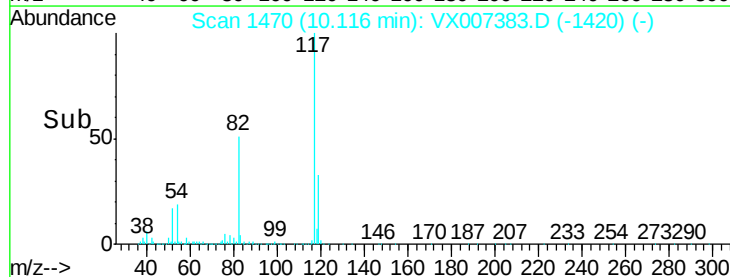
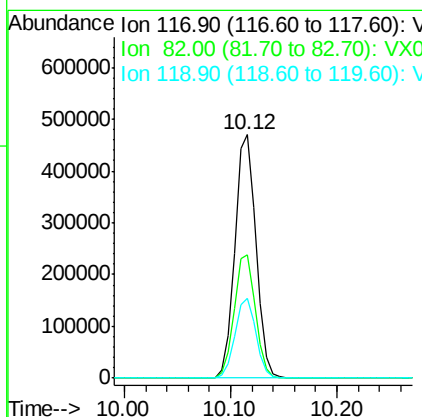
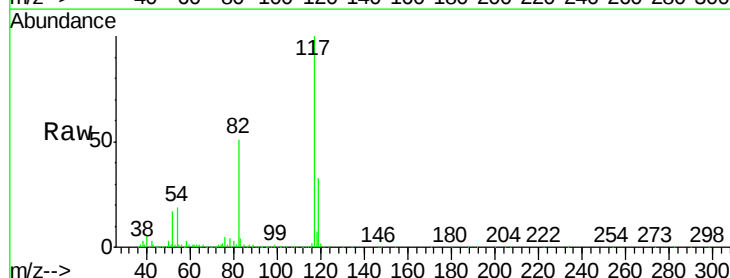
Instrument :
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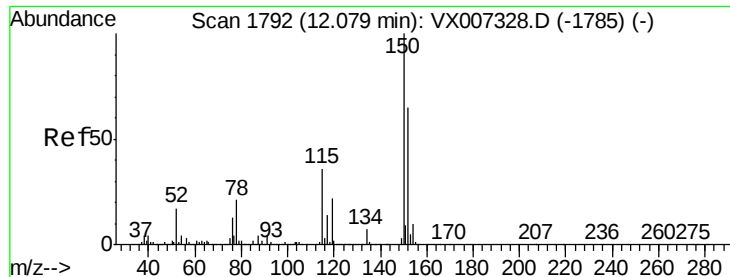
Tot Ion: 95 Resp: 300374
Ion Ratio Lower Upper
95 100
174 92.8 0.0 189.2
176 90.6 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007383.D
Acq: 05 Feb 2019 18:05

Tgt Ion: 117 Resp: 652626
Ion Ratio Lower Upper
117 100
82 50.9 42.1 63.1
119 32.7 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: VX007383.D

Acq: 05 Feb 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#01

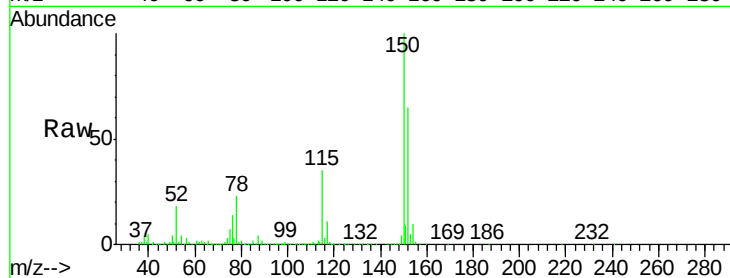
Tot Ion:152 Resp: 329613

Ion Ratio Lower Upper

152 100

115 54.3 38.0 114.0

150 155.4 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

