

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007374.D
 Acq On : 05 Feb 2019 14:05
 Operator : JC/SP
 Sample : PB116824TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824TB

Quant Time: Feb 06 01:01:44 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

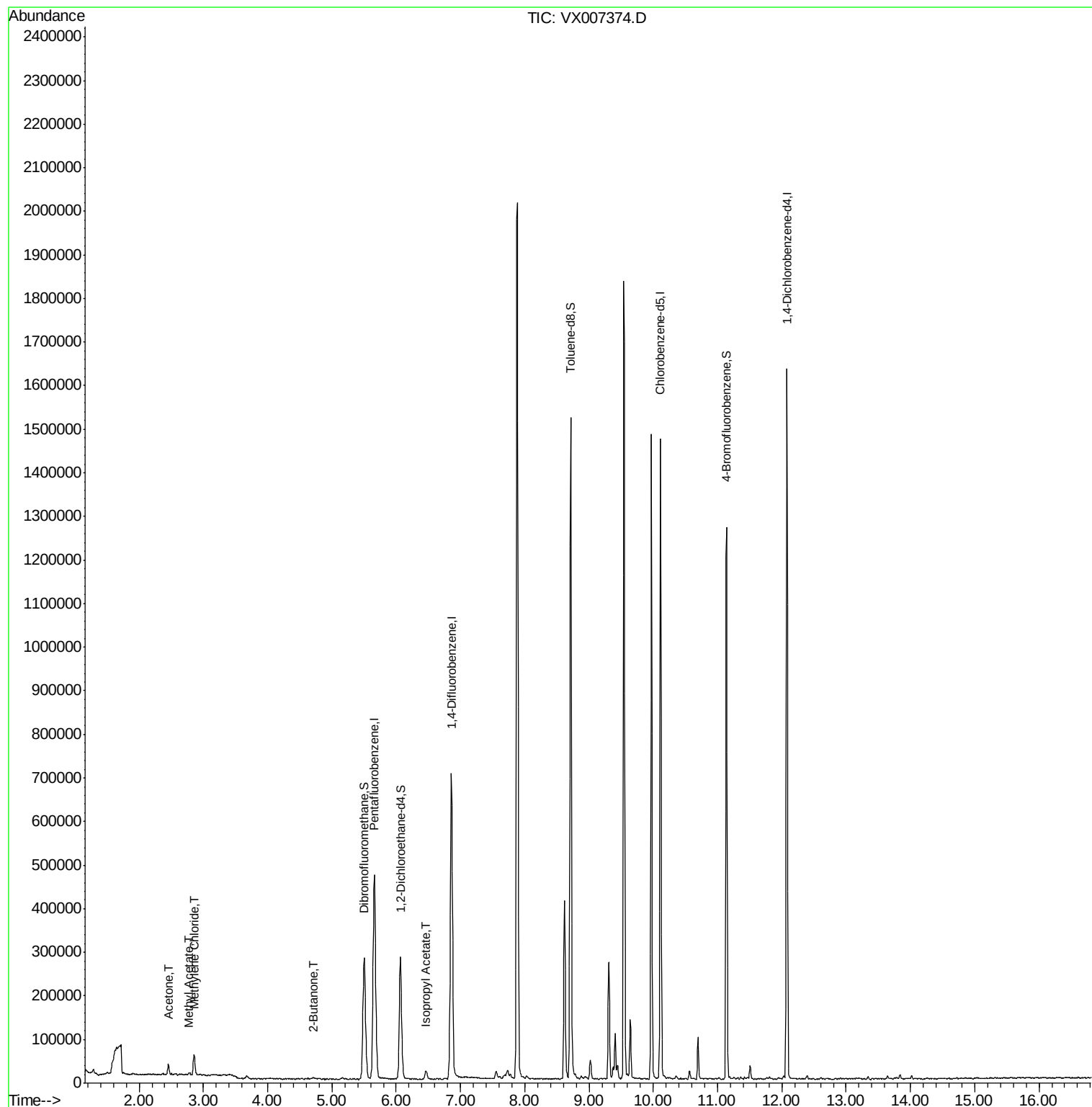
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	488567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	755769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	708477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	263143	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	5.50	113	235141	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	922773	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.14	95	314549	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
Target Compounds						
16) Acetone	2.45	43	29058	12.233	ug/l	93
18) Methyl Acetate	2.78	43	7007	1.712	ug/l	96
20) Methylene Chloride	2.85	84	23368	4.458	ug/l #	87
25) 2-Butanone	4.71	43	5730	1.695	ug/l	94
43) Isopropyl Acetate	6.46	43	25452	2.406	ug/l	96

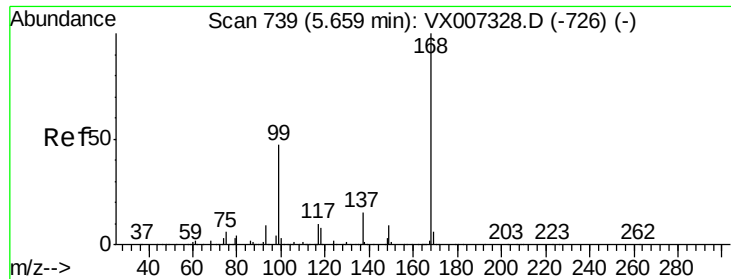
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

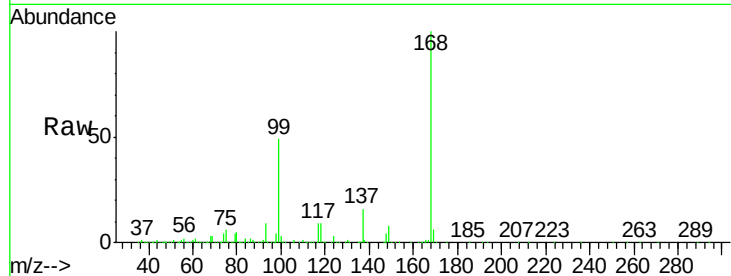
PB116824TB

Tot Ion:168 Resp: 488567

Ion Ratio Lower Upper

168 100

99 49.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

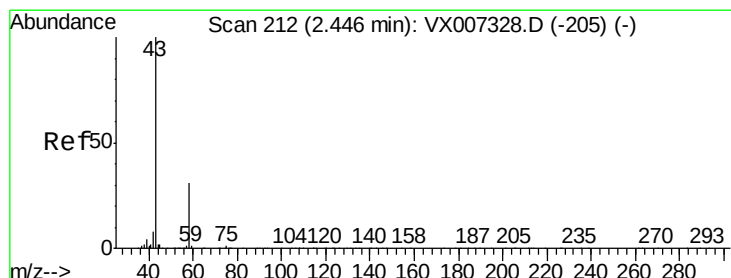
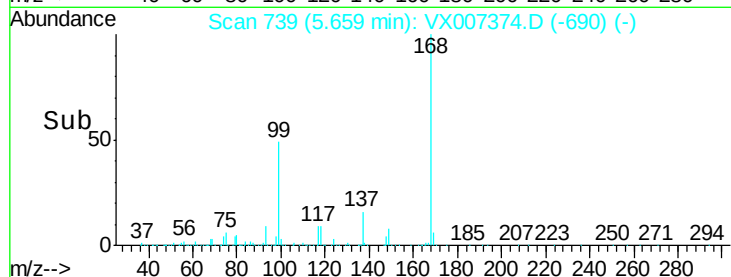
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.233 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007374.D

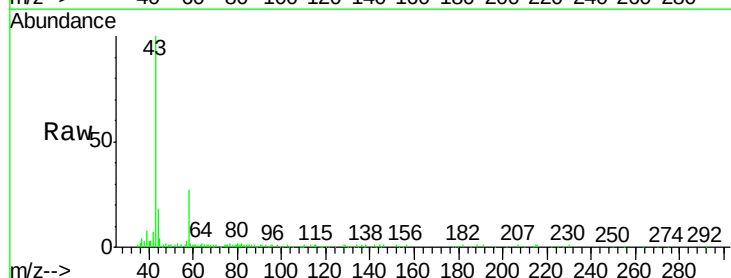
Acq: 05 Feb 2019 14:05

Tgt Ion: 43 Resp: 29058

Ion Ratio Lower Upper

43 100

58 27.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

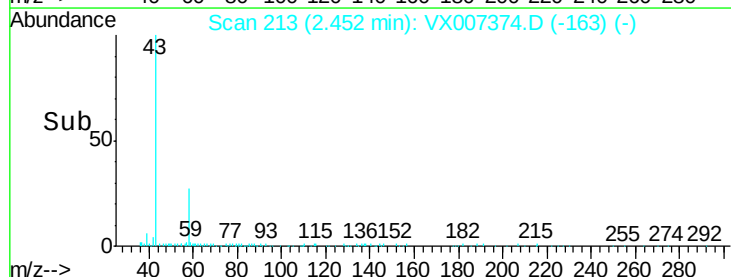
15000

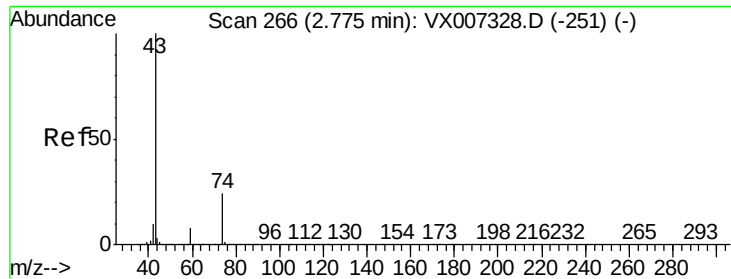
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

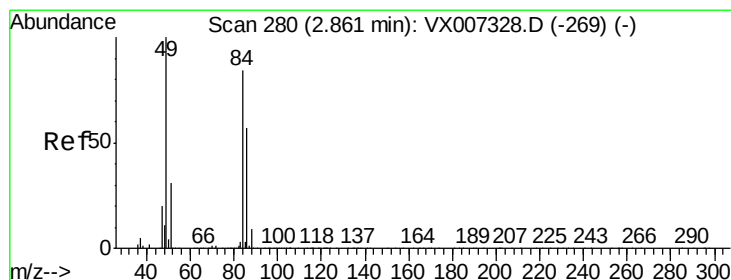
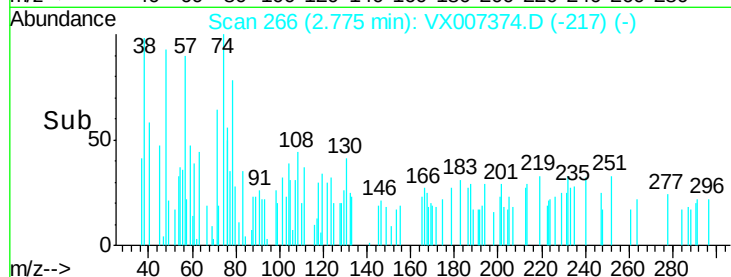
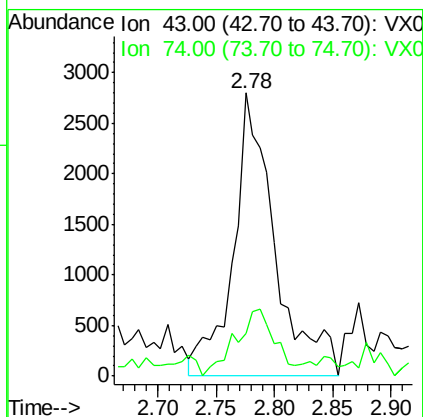
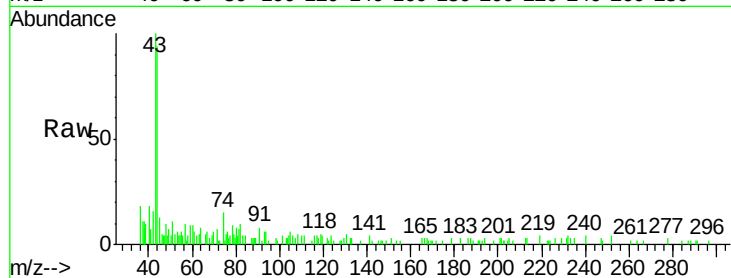




#18
Methyl Acetate
Concen: 1.712 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007374.D
Acq: 05 Feb 2019 14:05

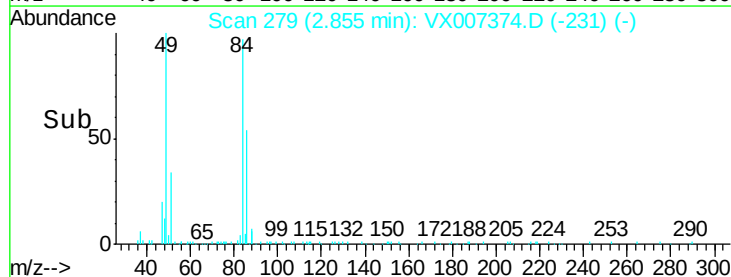
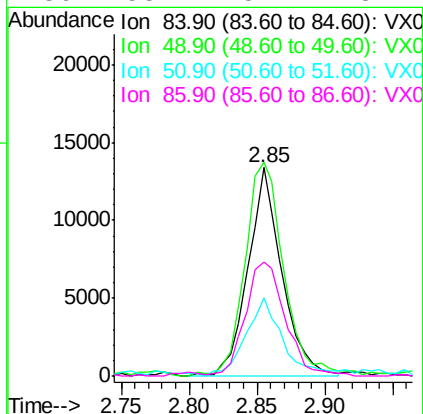
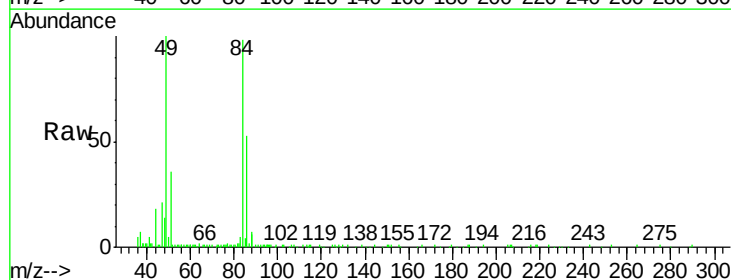
Instrument :
MSVOA_X
ClientSampleId :
PB116824TB

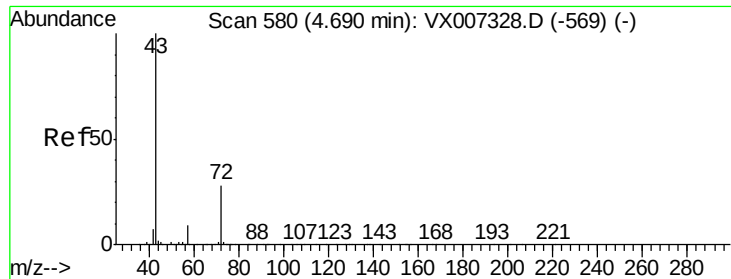
Tot Ion: 43 Resp: 7007
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2



#20
Methylene Chloride
Concen: 4.458 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007374.D
Acq: 05 Feb 2019 14:05

Tgt Ion: 84 Resp: 23368
Ion Ratio Lower Upper
84 100
49 102.5 94.8 142.2
51 36.0 29.8 44.8
86 53.4 54.1 81.1#





#25

2-Butanone

Concen: 1.695 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

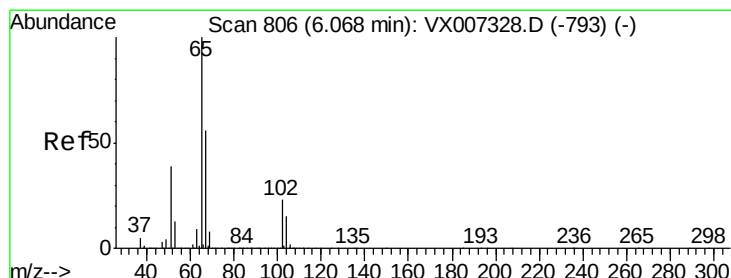
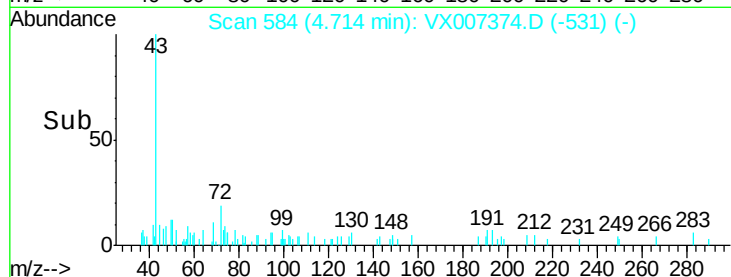
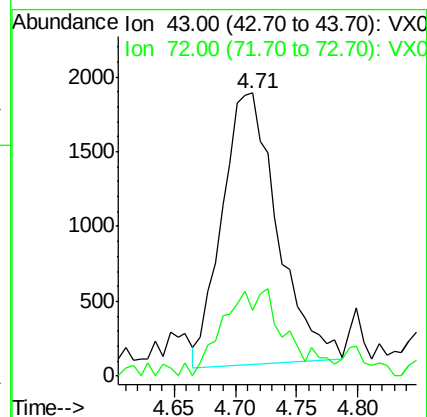
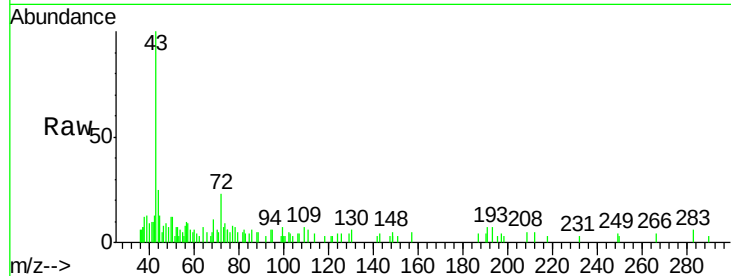
PB116824TB

Tot Ion: 43 Resp: 5730

Ion Ratio Lower Upper

43 100

72 24.8 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 50.744 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007374.D

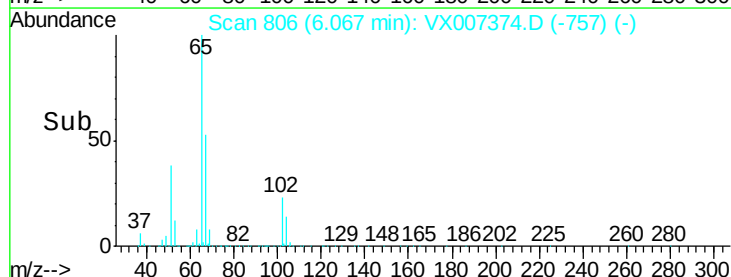
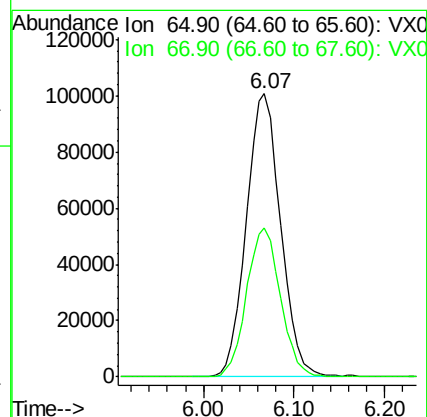
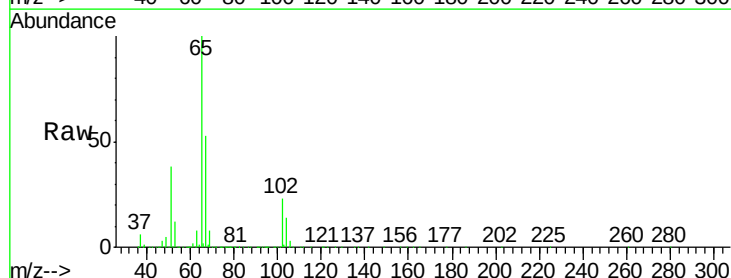
Acq: 05 Feb 2019 14:05

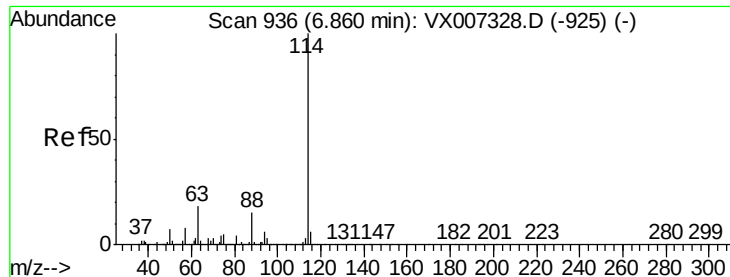
Tgt Ion: 65 Resp: 263143

Ion Ratio Lower Upper

65 100

67 52.1 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: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

PB116824TB

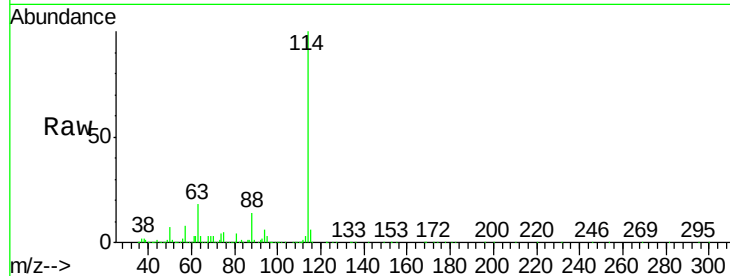
Tot Ion:114 Resp: 755769

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

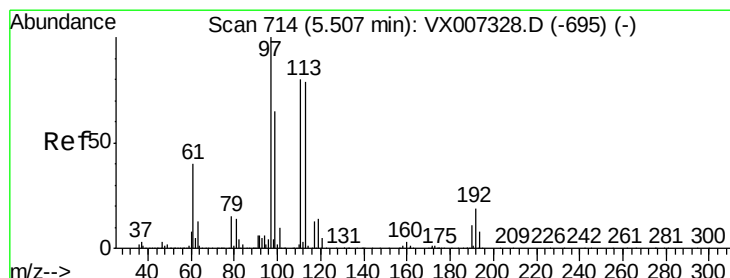
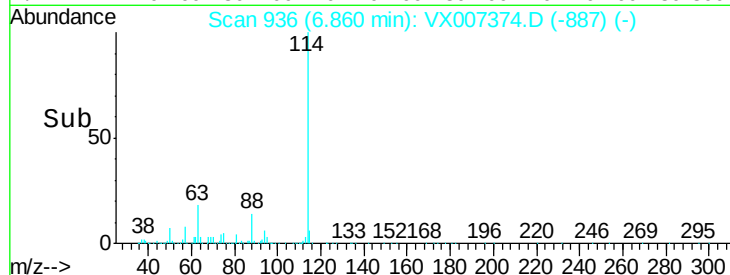
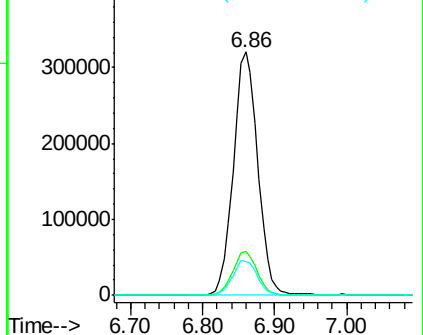
88 14.0 0.0 29.6



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: 47.817 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

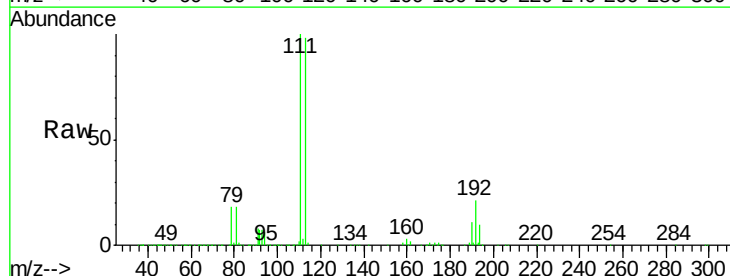
Tgt Ion:113 Resp: 235141

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

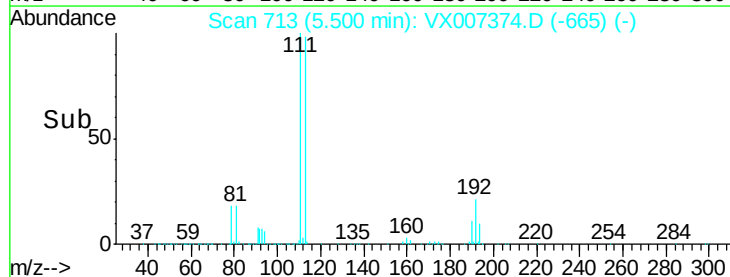
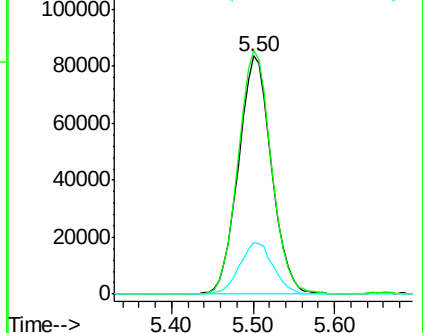
192 21.9 18.5 27.7

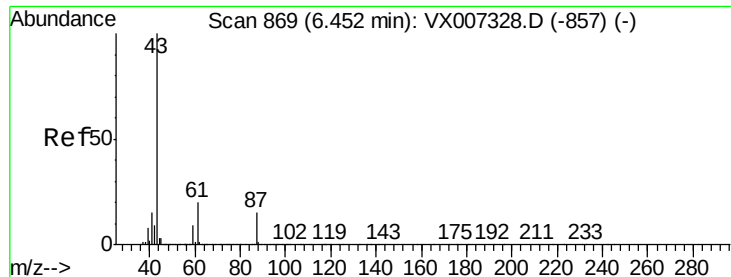


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.406 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

PB116824TB

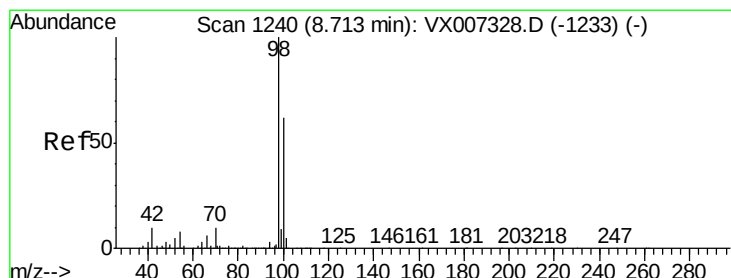
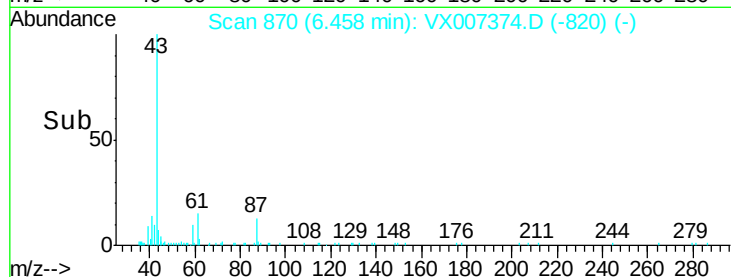
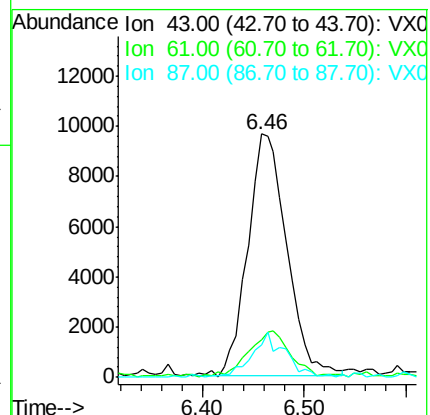
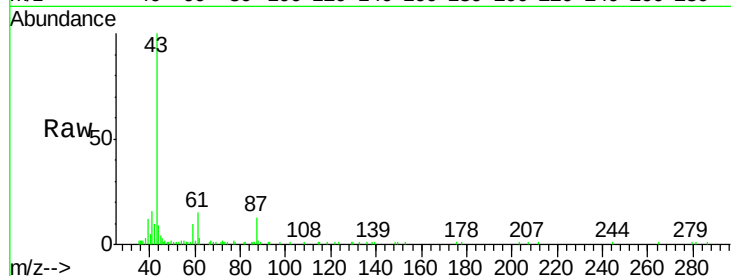
Tot Ion: 43 Resp: 25452

Ion Ratio Lower Upper

43 100

61 21.5 16.1 24.1

87 16.1 11.5 17.3



#50

Toluene-d8

Concen: 50.577 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007374.D

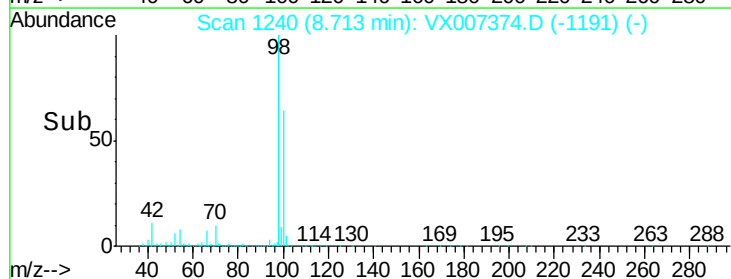
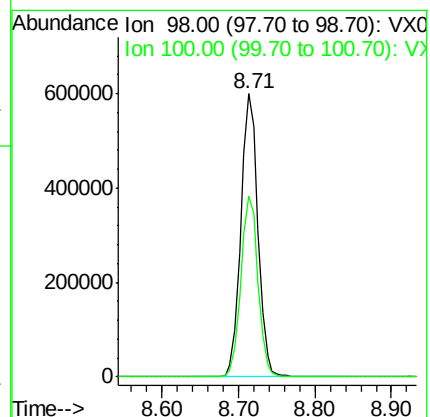
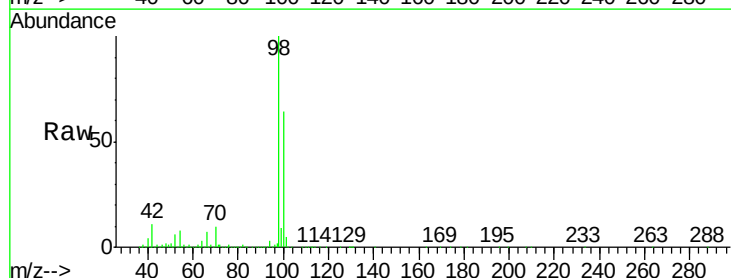
Acq: 05 Feb 2019 14:05

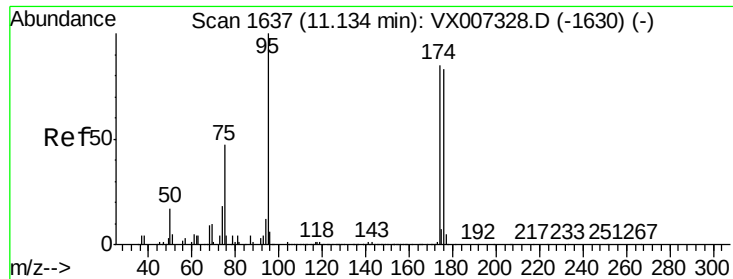
Tgt Ion: 98 Resp: 922773

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4

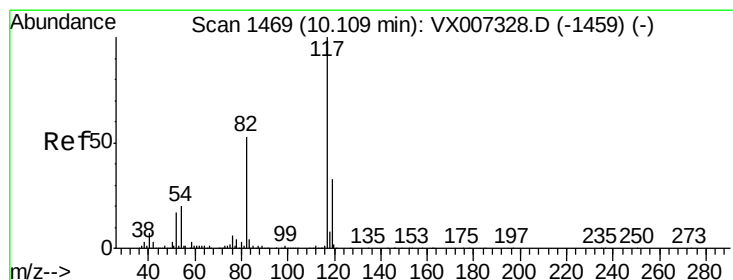
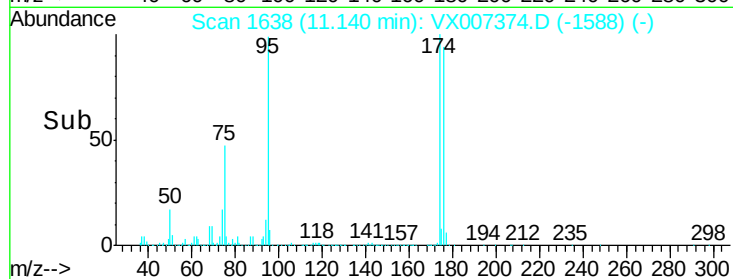
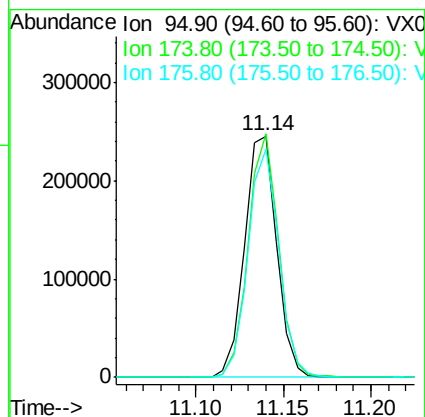
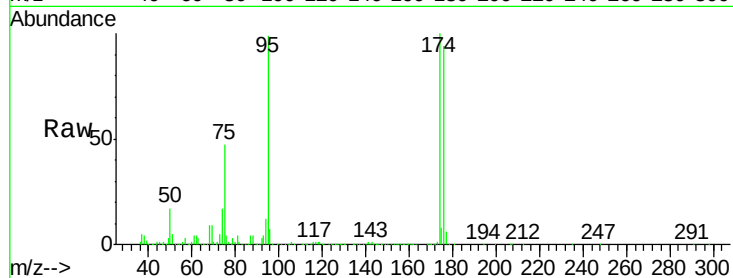




#62
4-Bromofluorobenzene
Concen: 47.221 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007374.D
Acq: 05 Feb 2019 14:05

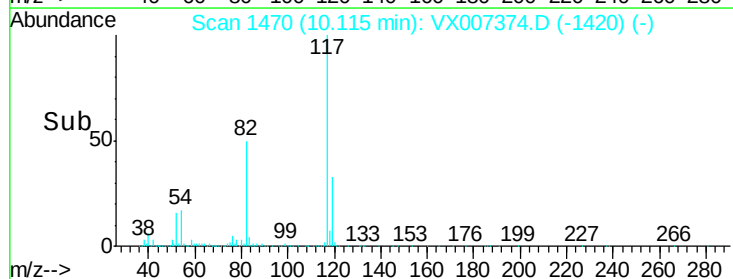
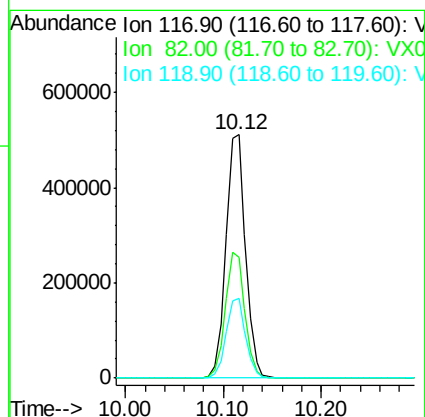
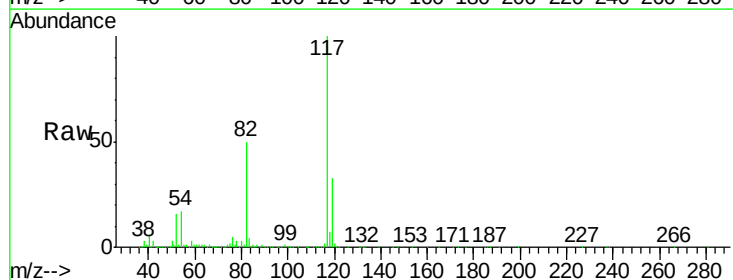
Instrument :
MSVOA_X
ClientSampleId :
PB116824TB

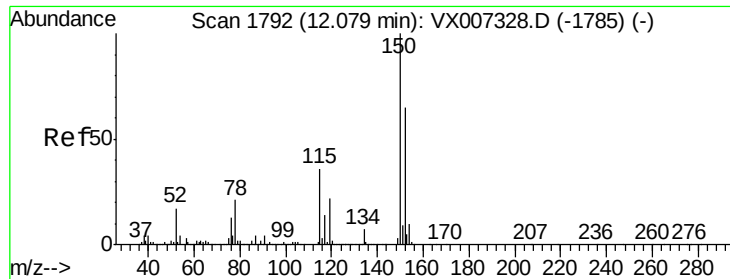
Tot Ion: 95 Resp: 314549
Ion Ratio Lower Upper
95 100
174 95.3 0.0 189.2
176 90.7 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007374.D
Acq: 05 Feb 2019 14:05

Tgt Ion: 117 Resp: 708477
Ion Ratio Lower Upper
117 100
82 49.7 42.1 63.1
119 32.9 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: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

PB116824TB

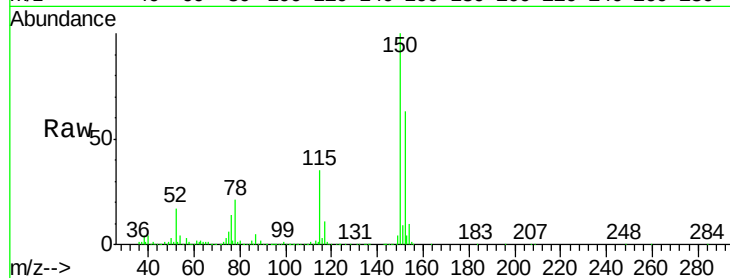
Tot Ion:152 Resp: 346719

Ion Ratio Lower Upper

152 100

115 54.6 38.0 114.0

150 156.1 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

