

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007378.D
 Acq On : 05 Feb 2019 15:51
 Operator : JC/SP
 Sample : PB116824ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824ZHE#04

Quant Time: Feb 06 01:14:06 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

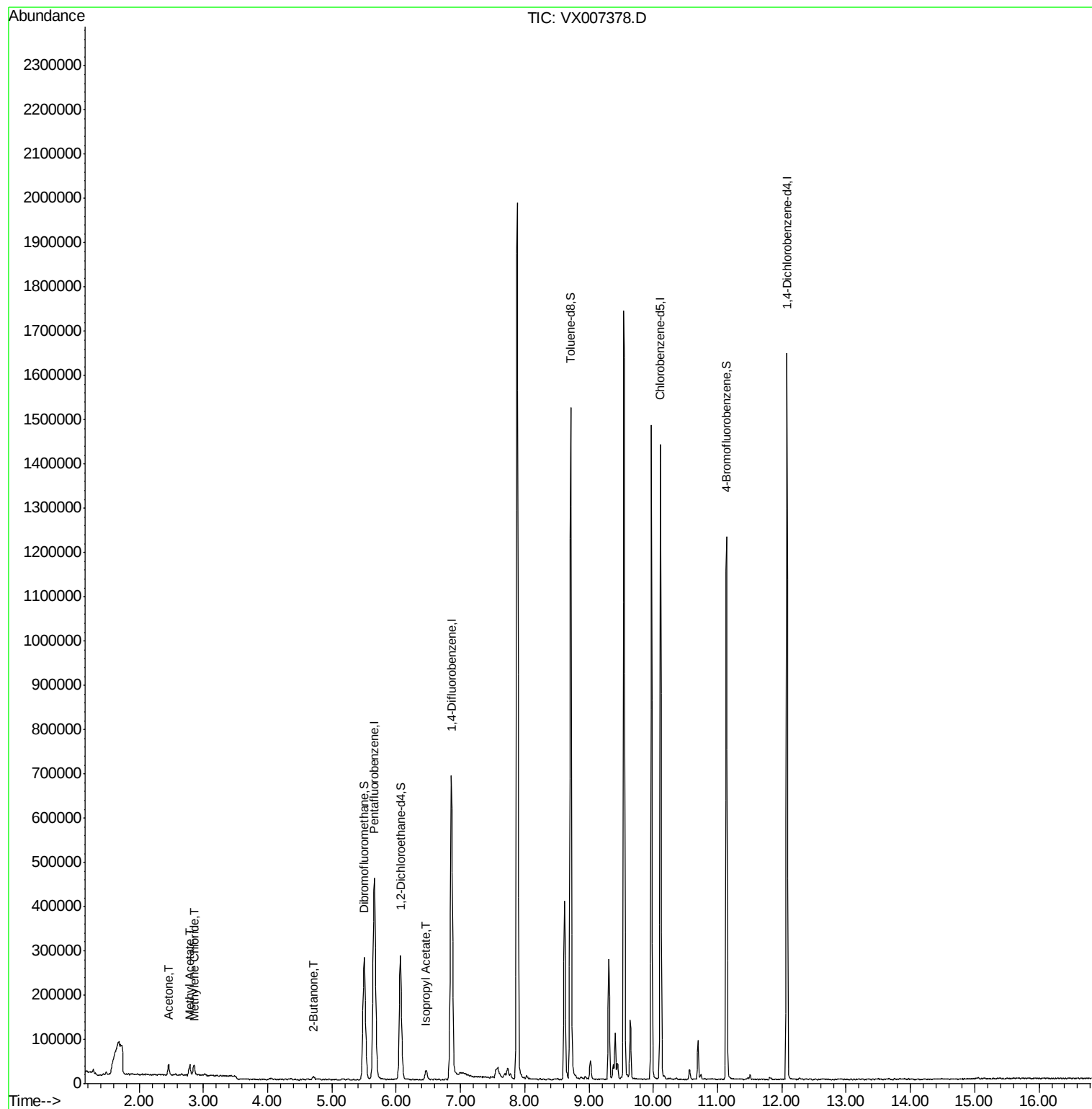
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	478443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	736195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	692659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	347834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	261964	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	5.50	113	229186	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	8.71	98	906985	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.14	95	310463	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
16) Acetone	2.46	43	27055	11.630	ug/l	98
18) Methyl Acetate	2.79	43	34262	6.179	ug/l	98
20) Methylene Chloride	2.85	84	11611	2.067	ug/l #	89
25) 2-Butanone	4.71	43	12213	3.689	ug/l	98
43) Isopropyl Acetate	6.46	43	27361	2.655	ug/l	94

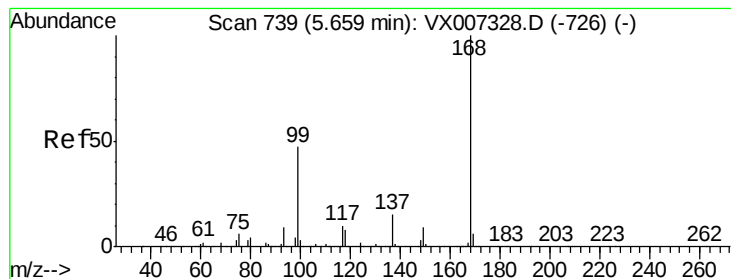
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007378.D

Acq: 05 Feb 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

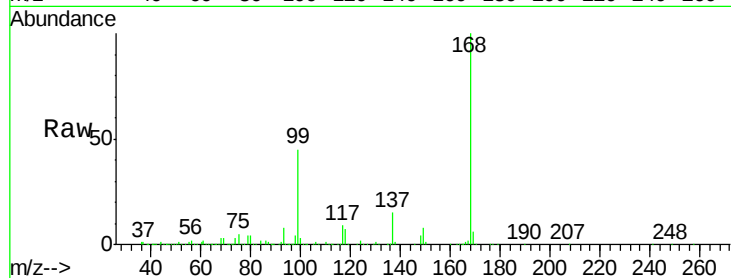
PB116824ZHE#04

Tot Ion:168 Resp: 478443

Ion Ratio Lower Upper

168 100

99 44.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

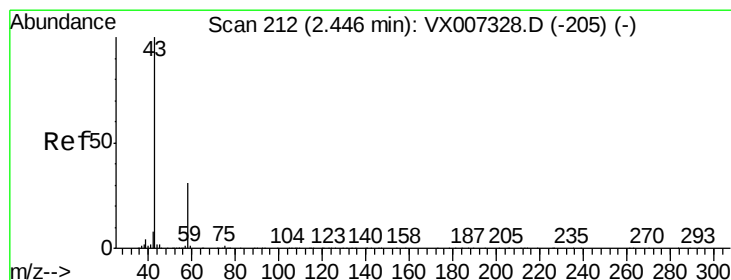
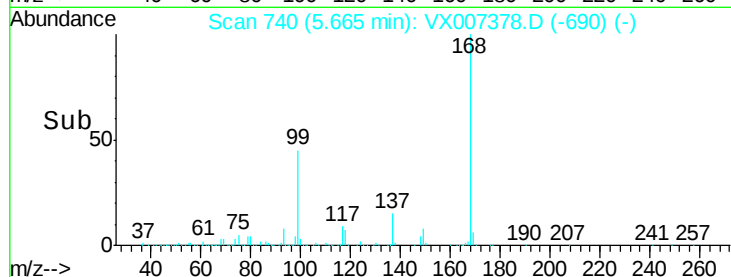
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.630 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX007378.D

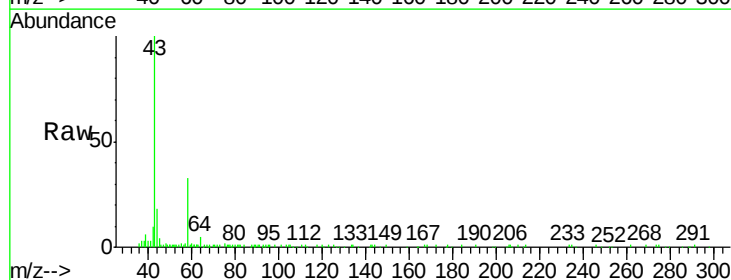
Acq: 05 Feb 2019 15:51

Tgt Ion: 43 Resp: 27055

Ion Ratio Lower Upper

43 100

58 32.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.46

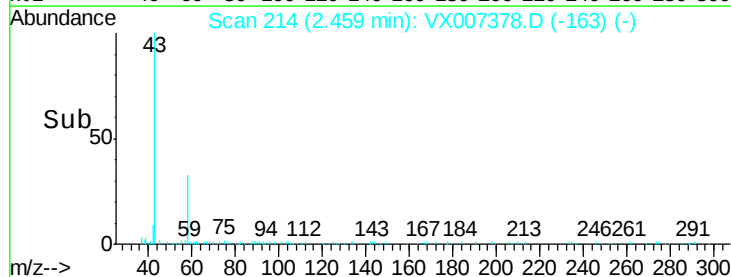
15000

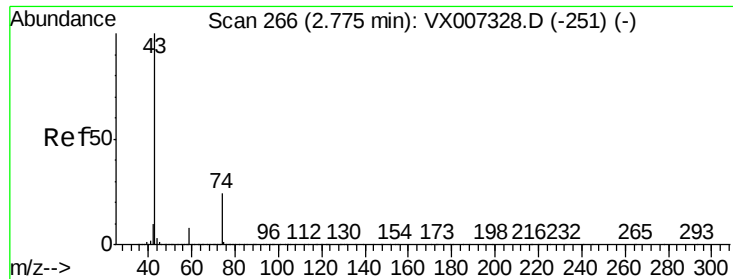
10000

5000

0

Time-->

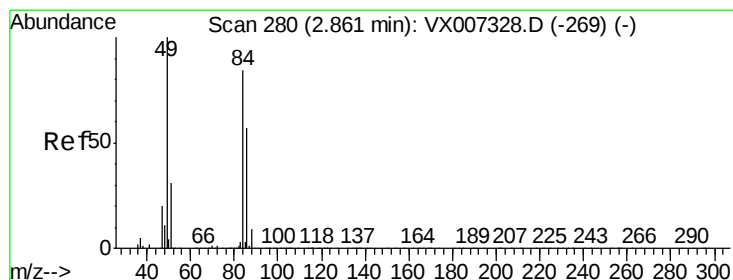
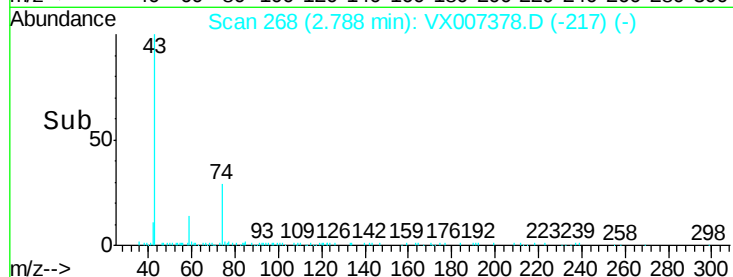
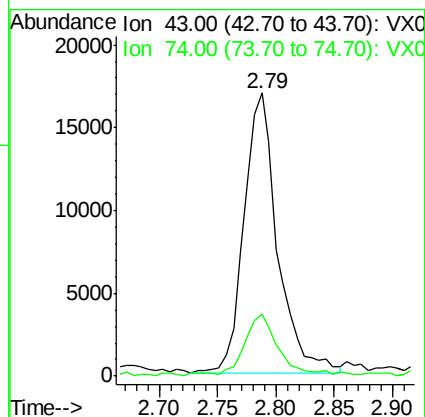
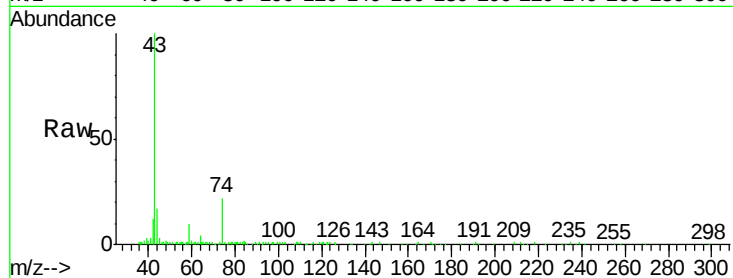




#18
Methyl Acetate
Concen: 6.179 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

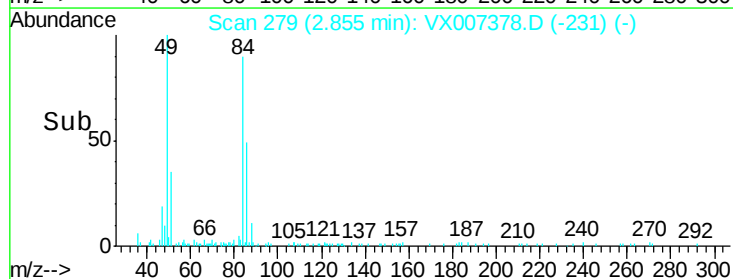
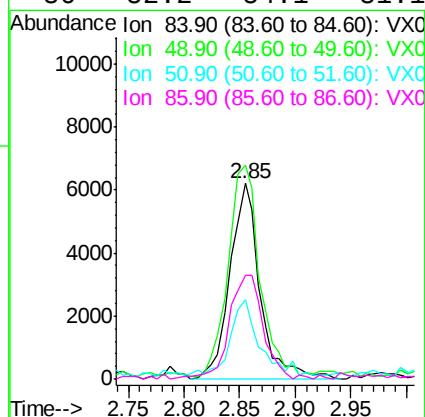
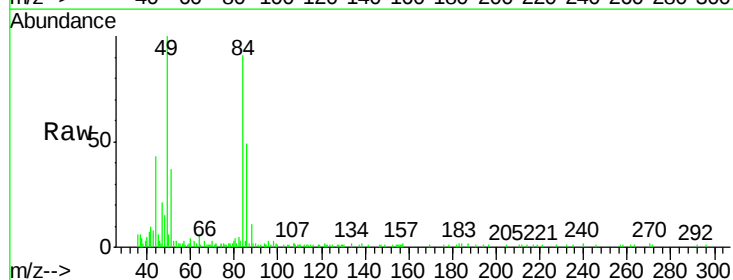
Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

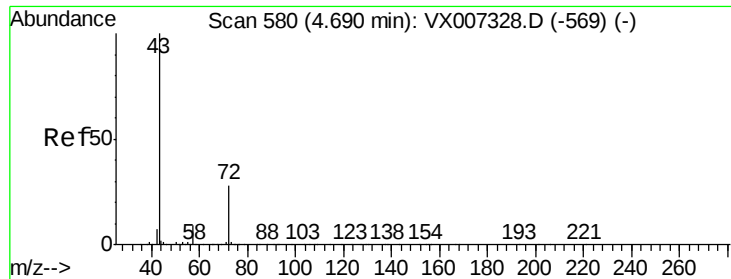
Tot Ion: 43 Resp: 34262
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2



#20
Methylene Chloride
Concen: 2.067 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 84 Resp: 11611
Ion Ratio Lower Upper
84 100
49 108.2 94.8 142.2
51 37.6 29.8 44.8
86 52.2 54.1 81.1#

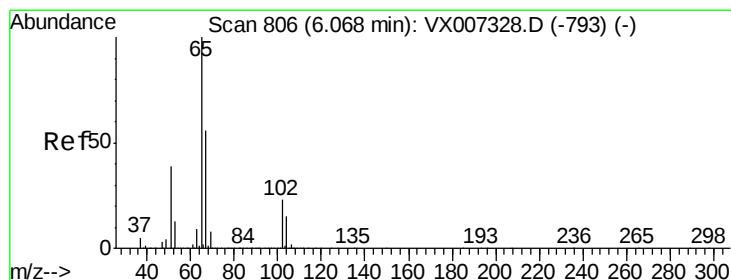
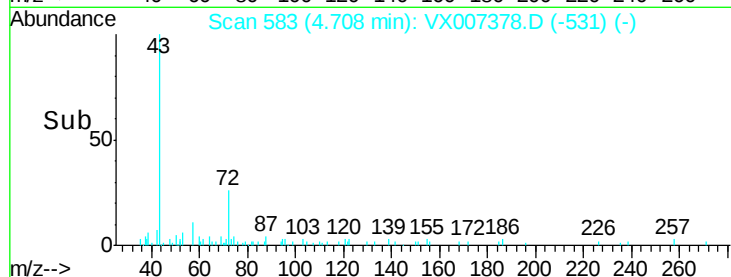
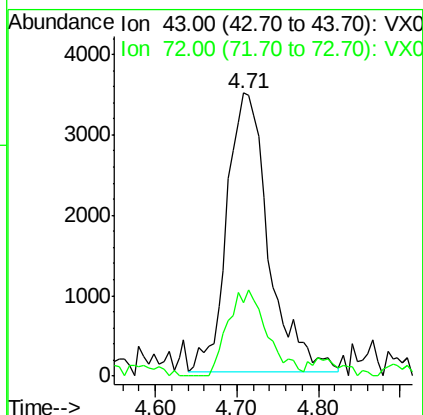
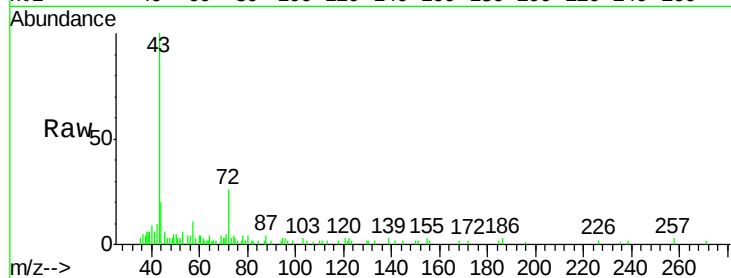




#25
2-Butanone
Concen: 3.689 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

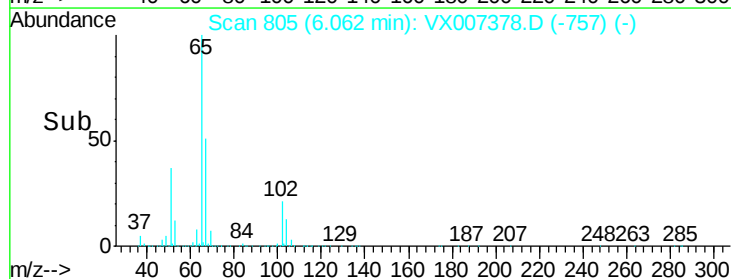
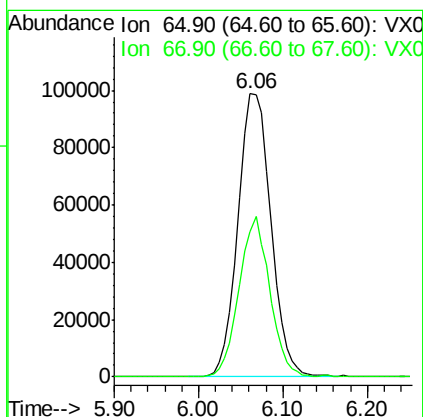
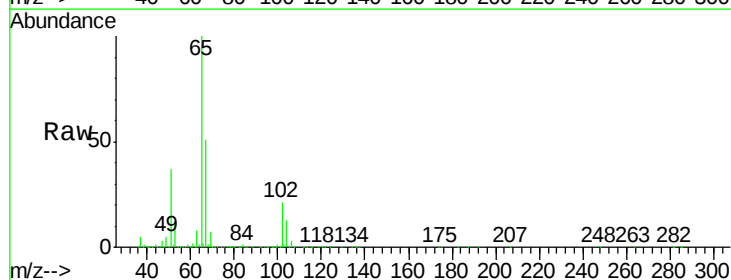
Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

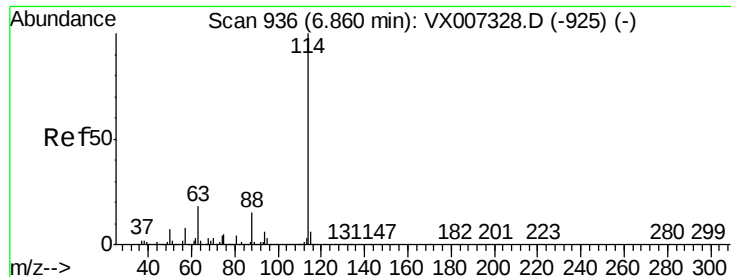
Tot Ion: 43 Resp: 12213
Ion Ratio Lower Upper
43 100
72 26.6 22.2 33.2



#33
1,2-Dichloroethane-d4
Concen: 51.585 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 65 Resp: 261964
Ion Ratio Lower Upper
65 100
67 52.3 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: VX007378.D

Acq: 05 Feb 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#04

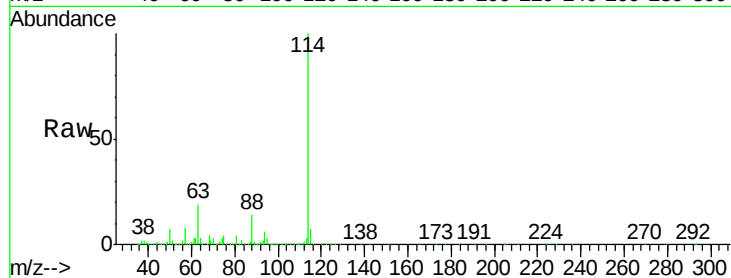
Tot Ion:114 Resp: 736195

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

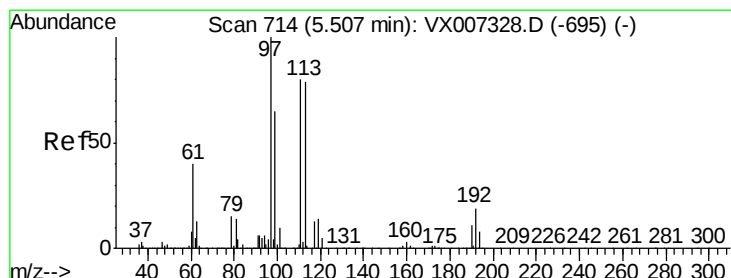
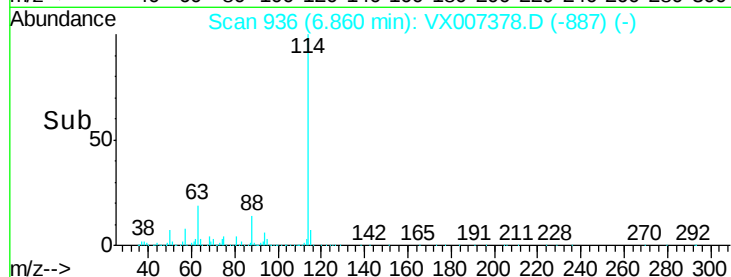
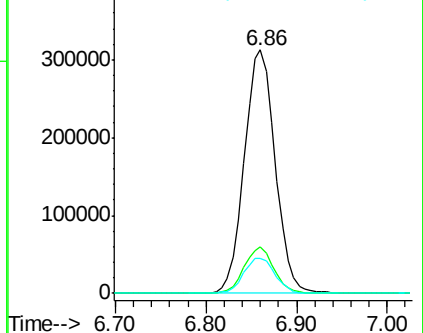
88 14.2 0.0 29.6



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: 47.845 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007378.D

Acq: 05 Feb 2019 15:51

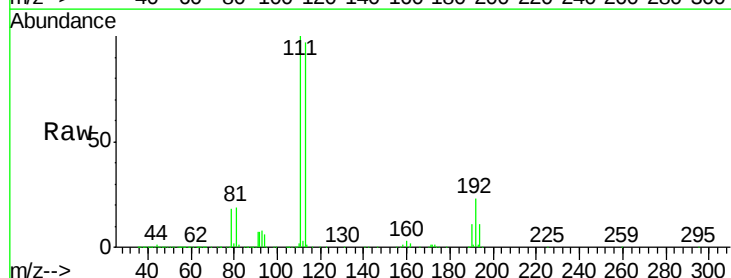
Tgt Ion:113 Resp: 229186

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

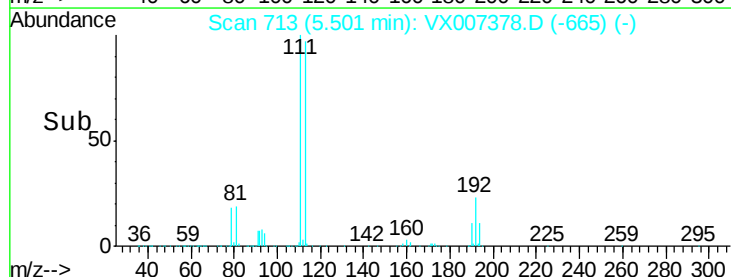
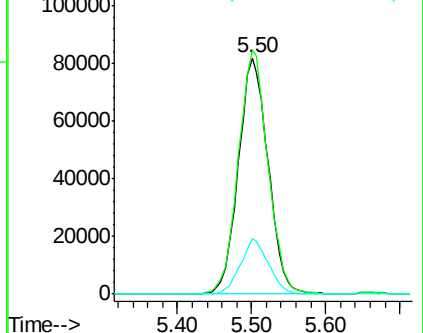
192 22.2 18.5 27.7

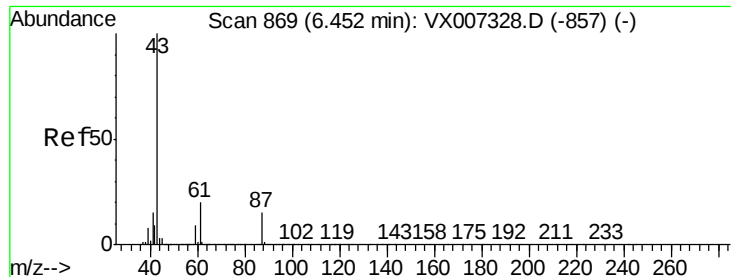


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



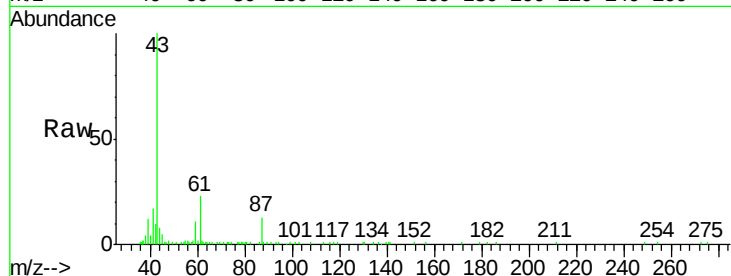


#43

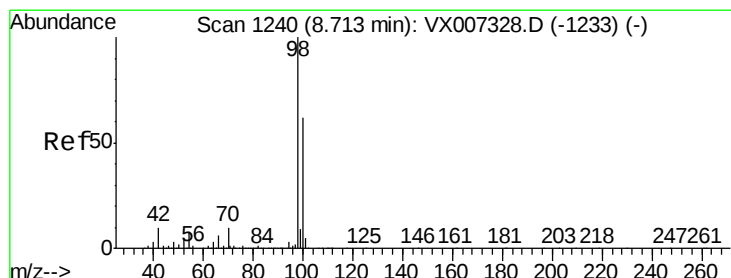
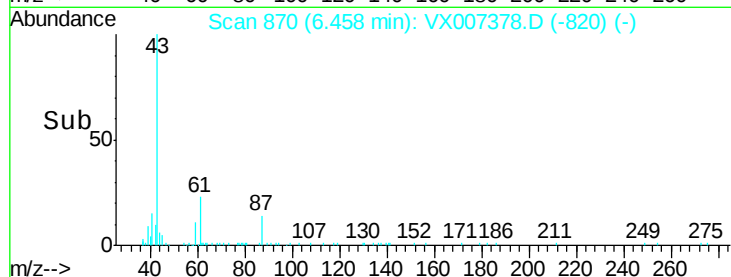
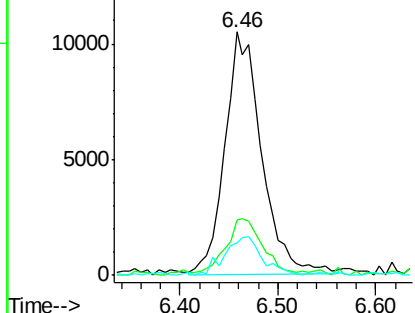
Isopropyl Acetate
 Concen: 2.655 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007378.D
 Acq: 05 Feb 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824ZHE#04

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



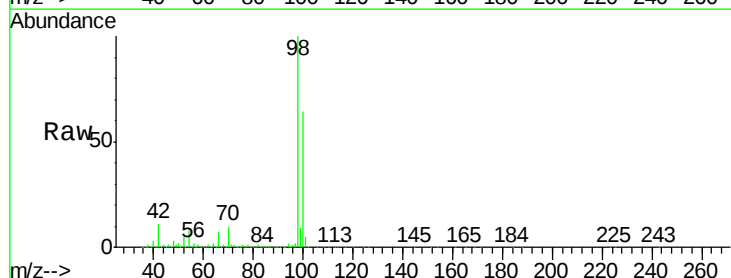
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



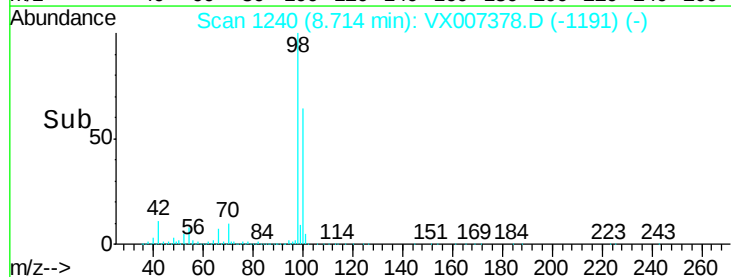
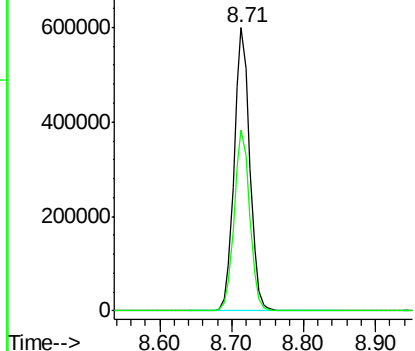
#50

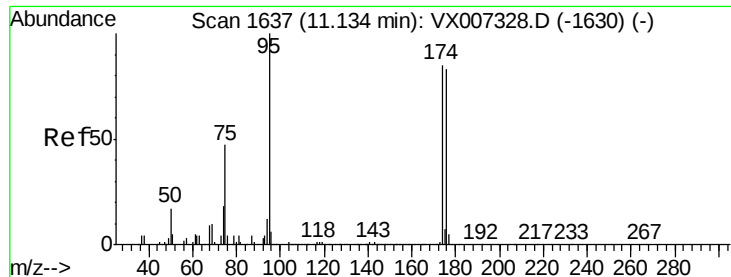
Toluene-d8
 Concen: 51.034 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007378.D
 Acq: 05 Feb 2019 15:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	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: 47.847 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007378.D

Acq: 05 Feb 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#04

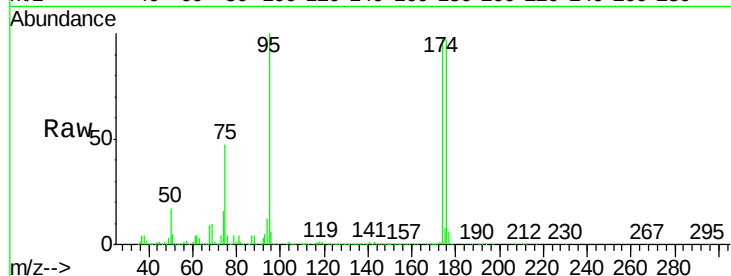
Tot Ion: 95 Resp: 310463

Ion Ratio Lower Upper

95 100

174 94.5 0.0 189.2

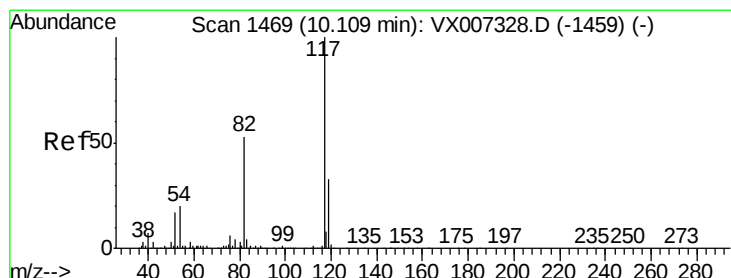
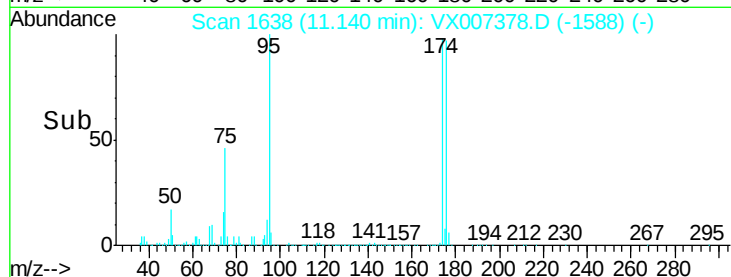
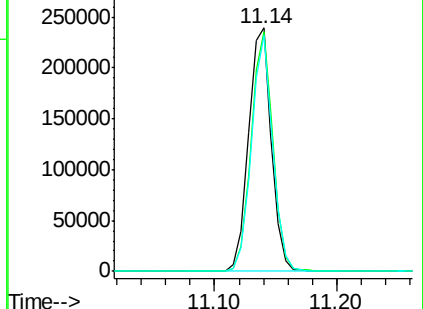
176 91.0 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007378.D

Acq: 05 Feb 2019 15:51

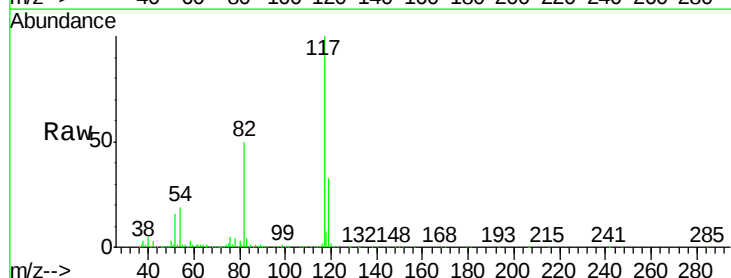
Tgt Ion: 117 Resp: 692659

Ion Ratio Lower Upper

117 100

82 50.4 42.1 63.1

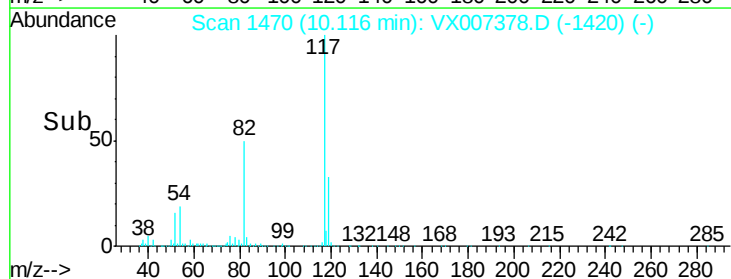
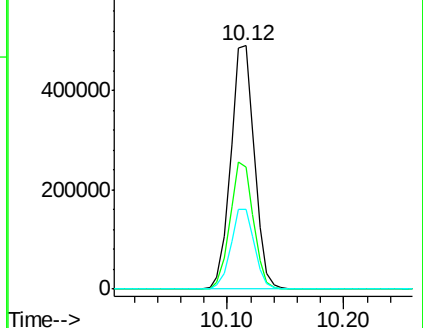
119 32.6 26.5 39.7

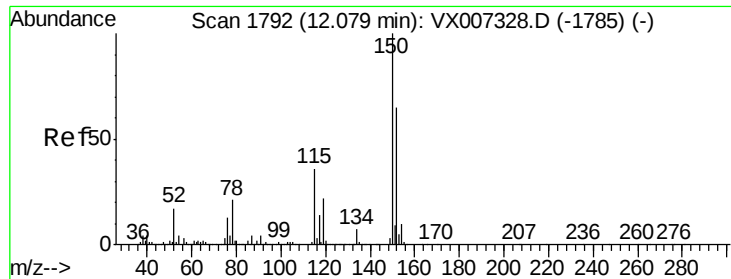


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007378.D

Acq: 05 Feb 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#04

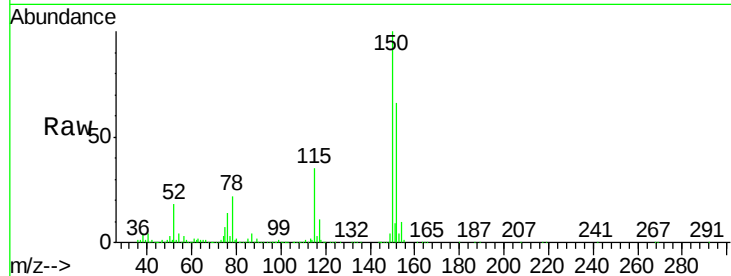
Tot Ion:152 Resp: 347834

Ion Ratio Lower Upper

152 100

115 53.6 38.0 114.0

150 154.0 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

