

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007824.D
 Acq On : 04 Mar 2019 21:15
 Operator : JC/SP
 Sample : K1707-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S11

Quant Time: Mar 04 22:52:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

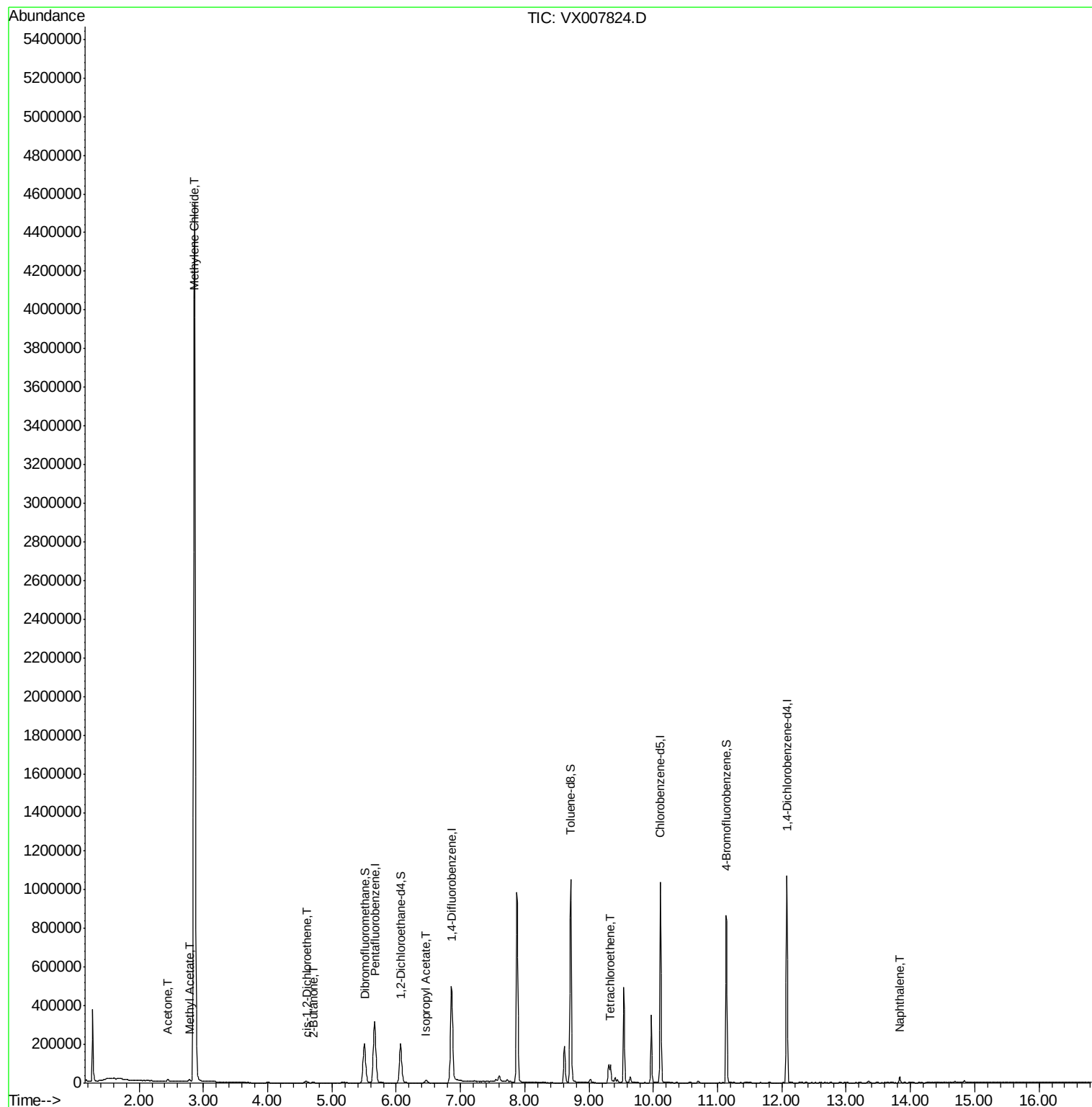
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	522716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	498544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185627	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
35) Dibromofluoromethane	5.51	113	172592	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	8.71	98	641412	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.13	95	231789	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	11610	6.244	ug/l	98
18) Methyl Acetate	2.78	43	14967	3.689	ug/l	96
20) Methylene Chloride	2.86	84	2091639	609.157	ug/l	94
25) 2-Butanone	4.71	43	3125	1.103	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	4975	1.218	ug/l	97
43) Isopropyl Acetate	6.46	43	17341	2.158	ug/l	99
64) Tetrachloroethene	9.34	164	19020	4.699	ug/l	97
95) Naphthalene	13.83	128	18789	1.200	ug/l	100

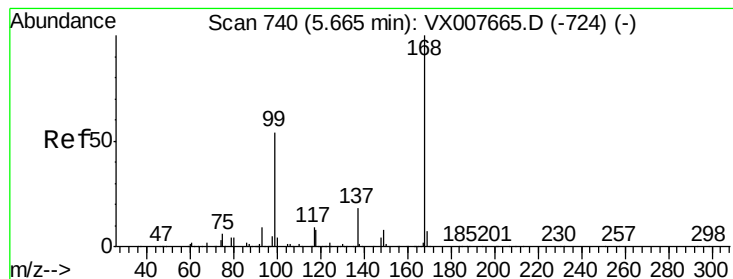
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 04 22:52:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007824.D

Acq: 04 Mar 2019 21:15

Instrument :

MSVOA_X

ClientSampled :

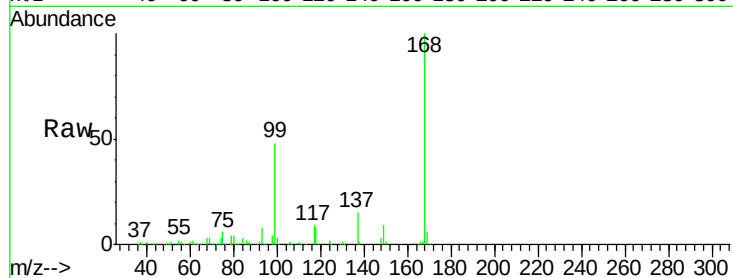
S11

Tot Ion:168 Resp: 337579

Ion Ratio Lower Upper

168 100

99 48.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

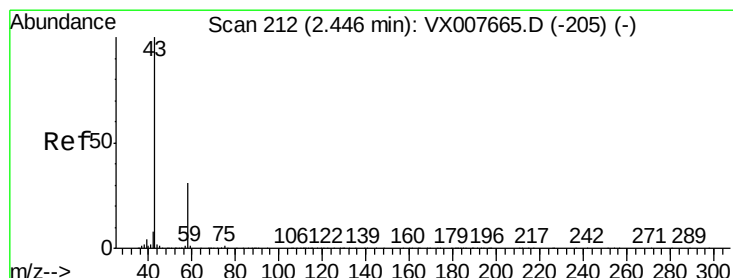
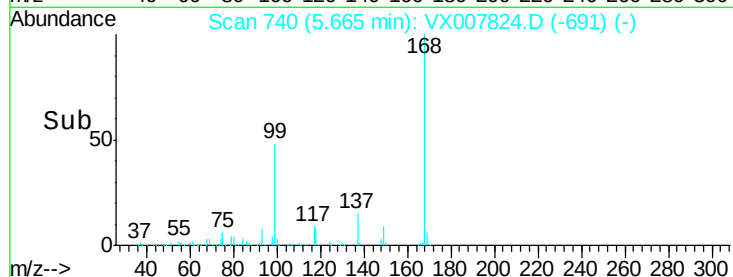
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 6.244 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007824.D

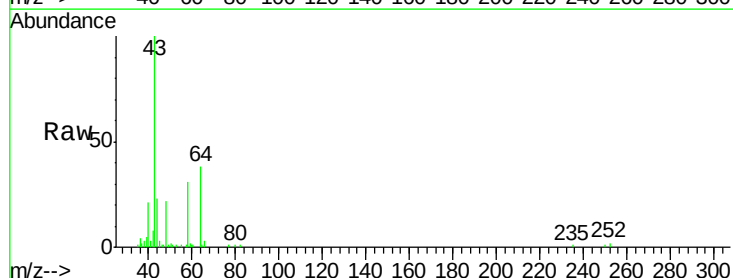
Acq: 04 Mar 2019 21:15

Tgt Ion: 43 Resp: 11610

Ion Ratio Lower Upper

43 100

58 32.0 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

8000

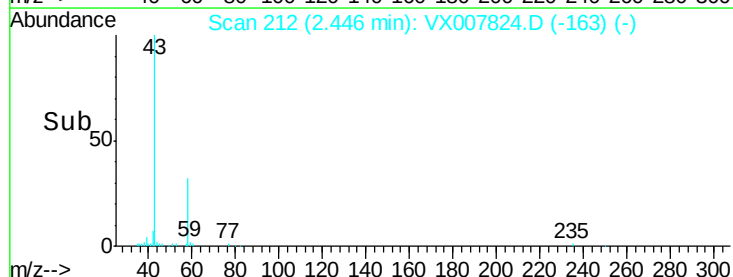
6000

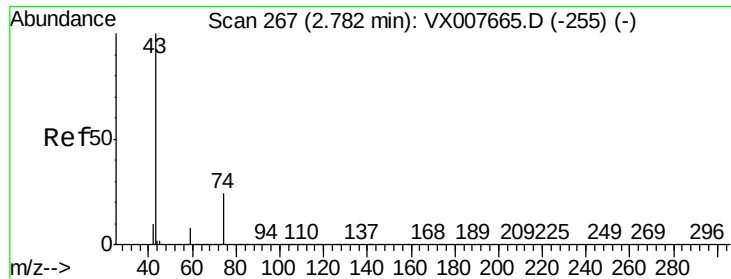
4000

2000

0

Time-->

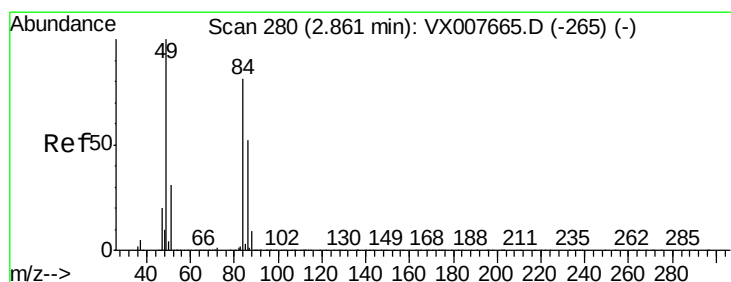
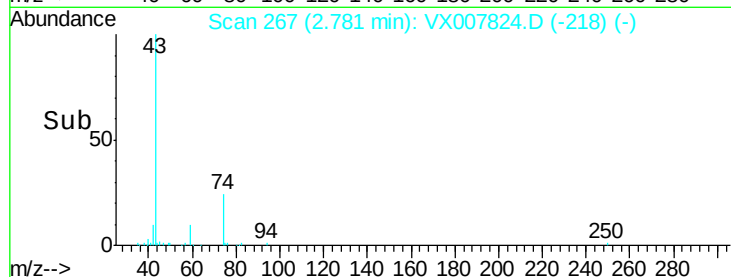
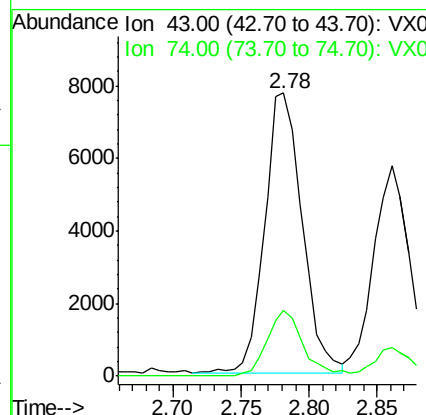
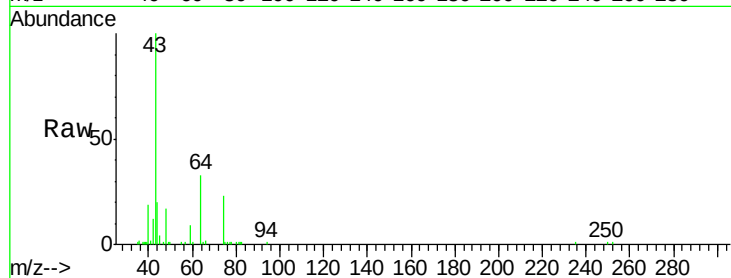




#18
Methvl Acetate
Concen: 3.689 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007824.D
Acq: 04 Mar 2019 21:15

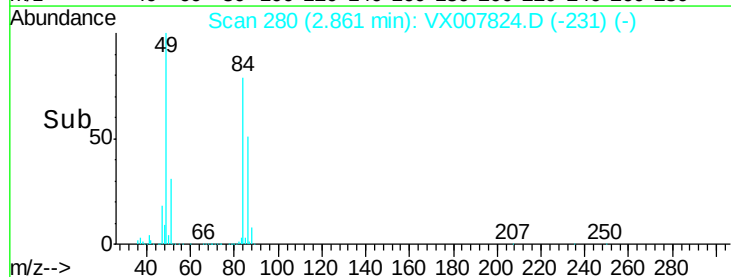
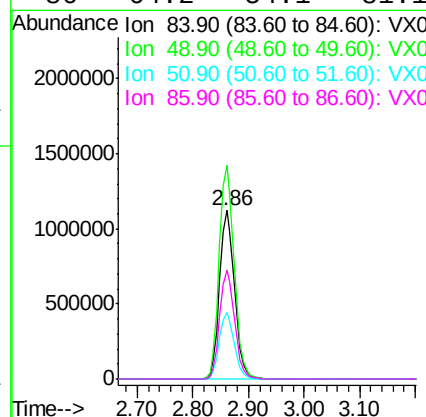
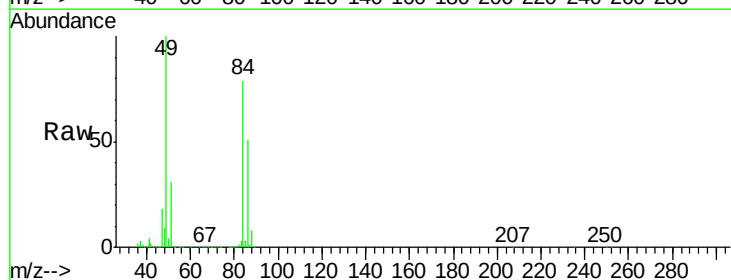
Instrument :
MSVOA_X
ClientSampleId :
S11

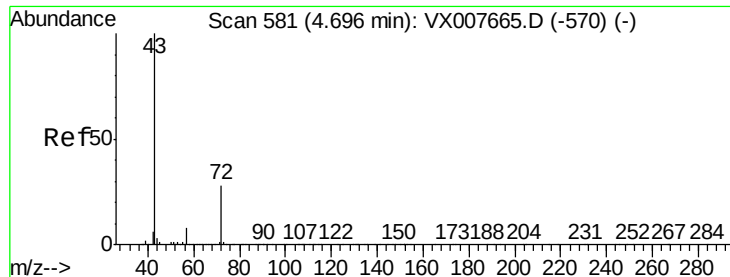
Tot Ion: 43 Resp: 14967
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2



#20
Methylene Chloride
Concen: 609.157 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007824.D
Acq: 04 Mar 2019 21:15

Tgt Ion: 84 Resp: 2091639
Ion Ratio Lower Upper
84 100
49 126.7 94.8 142.2
51 39.6 29.8 44.8
86 64.2 54.1 81.1





#25

2-Butanone

Concen: 1.103 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007824.D

Acq: 04 Mar 2019 21:15

Instrument :

MSVOA_X

ClientSampled :

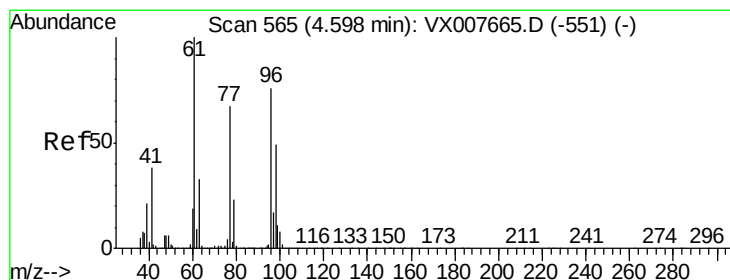
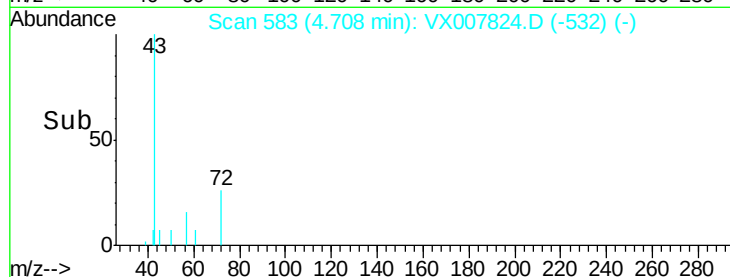
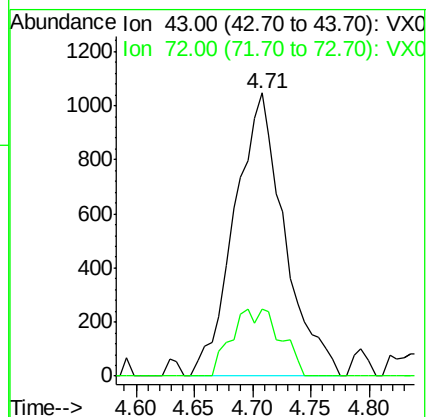
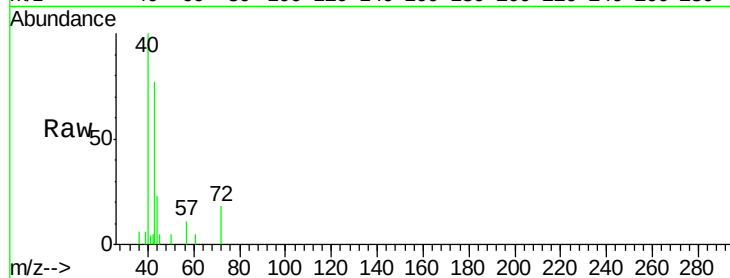
S11

Tot Ion: 43 Resp: 3125

Ion Ratio Lower Upper

43 100

72 23.9 22.2 33.2



#27

cis-1,2-Dichloroethene

Concen: 1.218 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007824.D

Acq: 04 Mar 2019 21:15

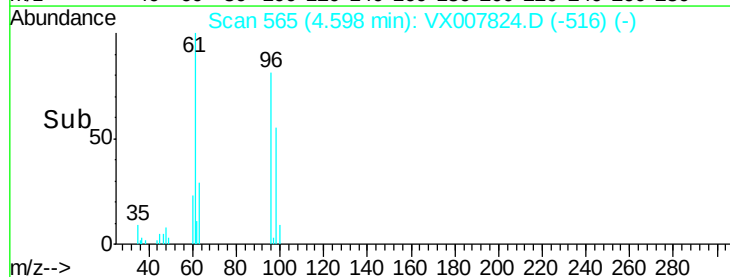
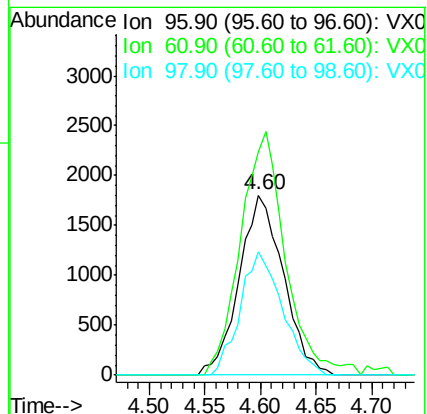
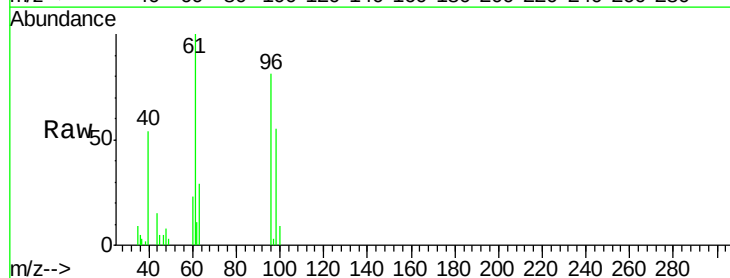
Tgt Ion: 96 Resp: 4975

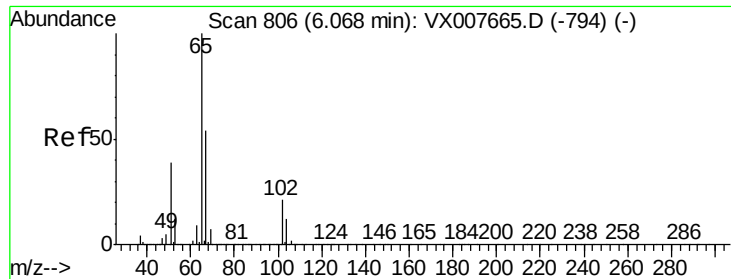
Ion Ratio Lower Upper

96 100

61 137.6 0.0 265.6

98 65.8 0.0 131.6

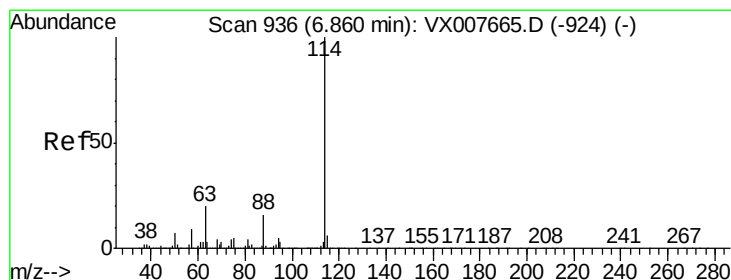
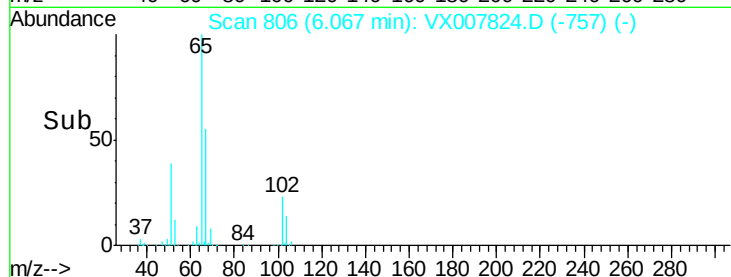
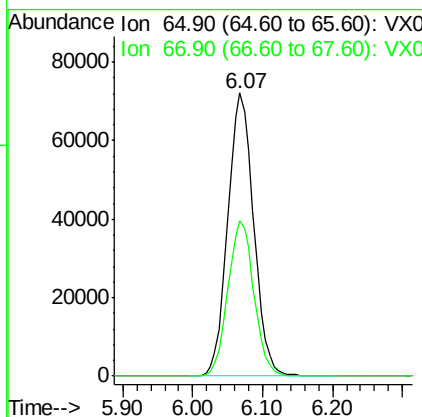
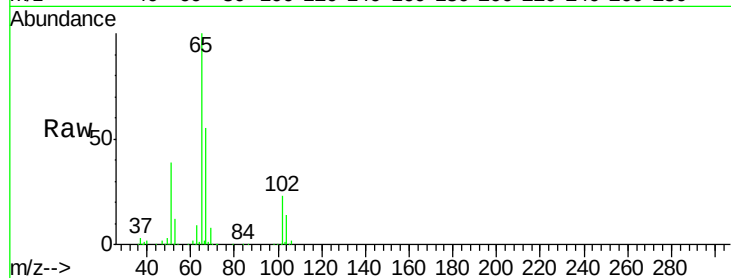




#33
 1,2-Dichloroethane-d4
 Concen: 44.392 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007824.D
 Acq: 04 Mar 2019 21:15

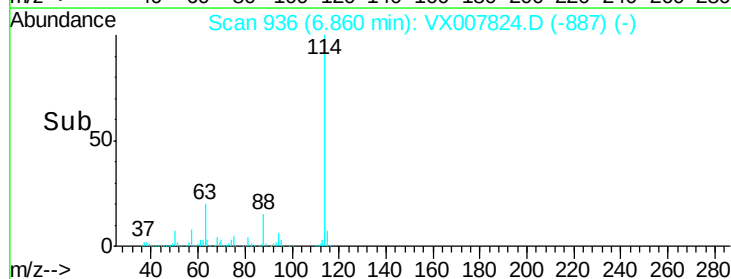
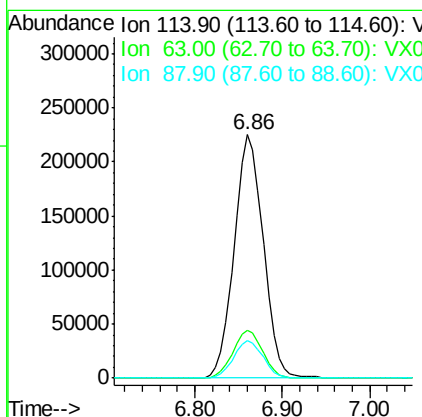
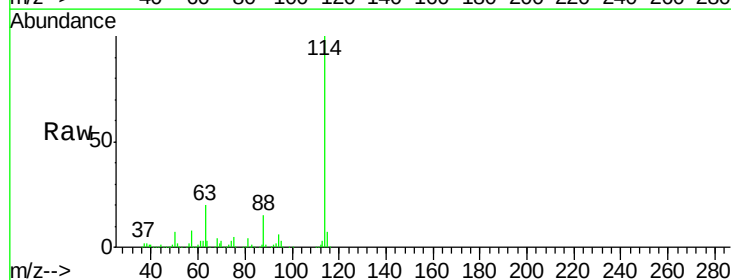
Instrument :
 MSVOA_X
 ClientSampled :
 S11

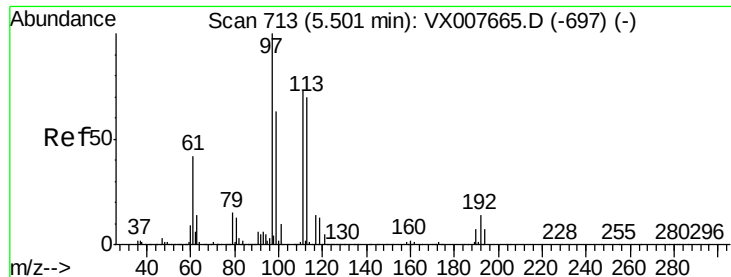
Tot Ion: 65 Resp: 185627
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007824.D
 Acq: 04 Mar 2019 21:15

Tgt Ion: 114 Resp: 522716
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 35.6
 88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.394 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007824.D

Acq: 04 Mar 2019 21:15

Instrument :
MSVOA_X
ClientSampled :
S11

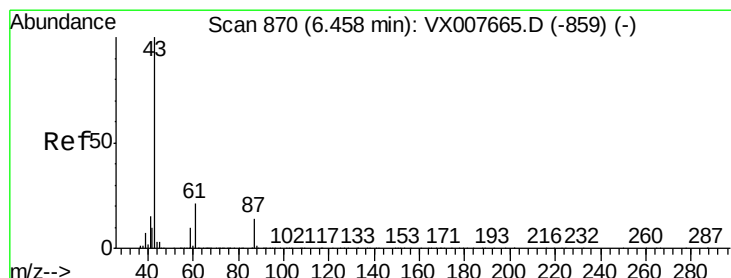
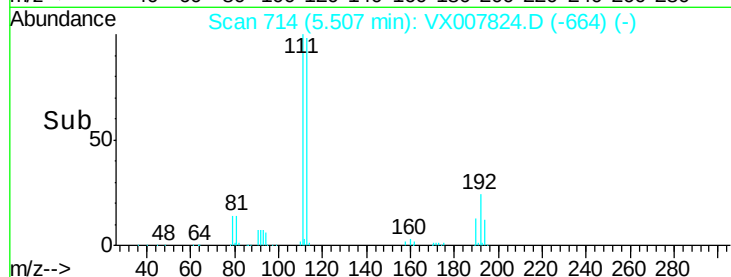
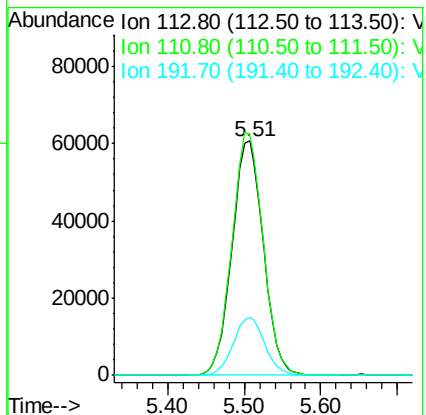
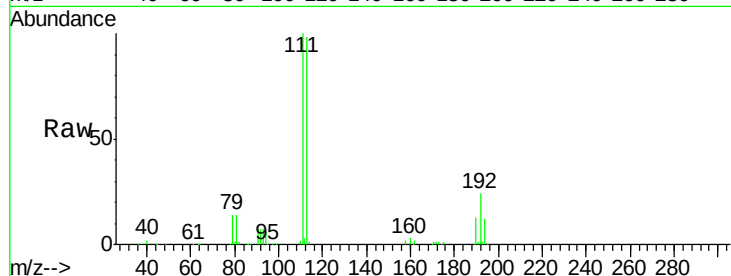
Tot Ion:113 Resp: 172592

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 24.7 18.5 27.7



#43

Isopropyl Acetate

Concen: 2.158 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007824.D

Acq: 04 Mar 2019 21:15

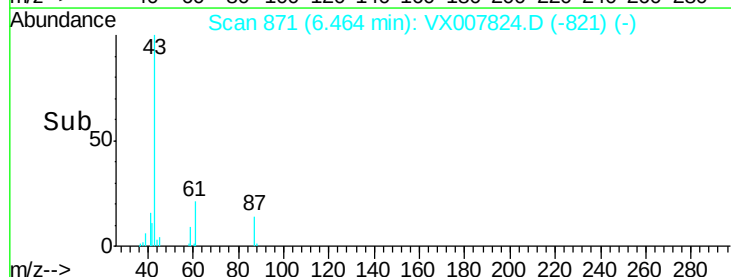
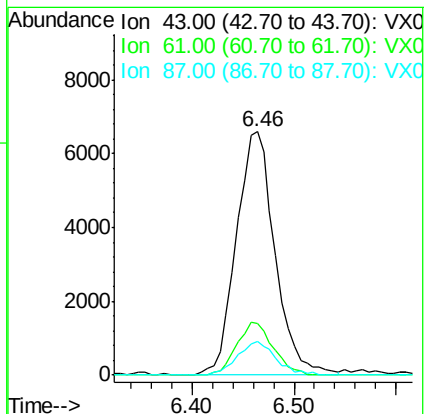
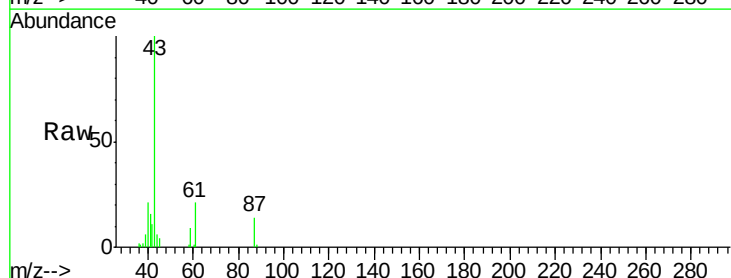
Tgt Ion: 43 Resp: 17341

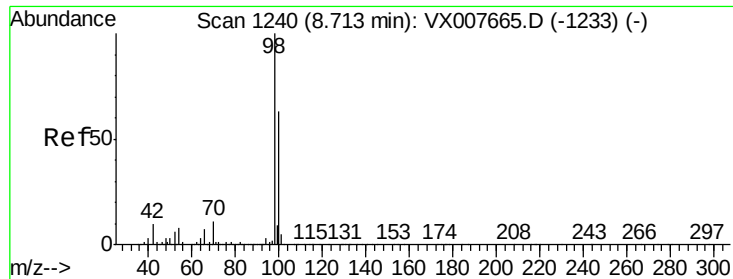
Ion Ratio Lower Upper

43 100

61 20.4 16.1 24.1

87 13.7 11.5 17.3

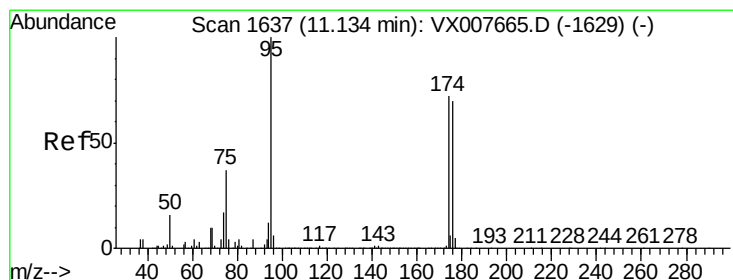
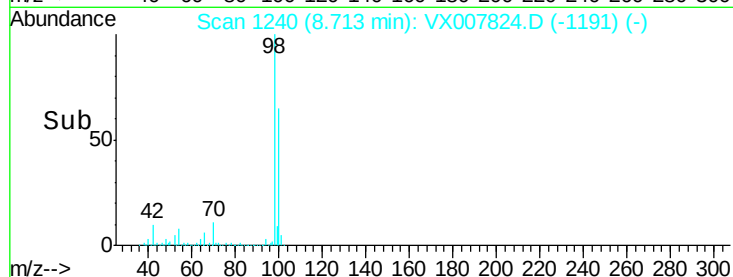
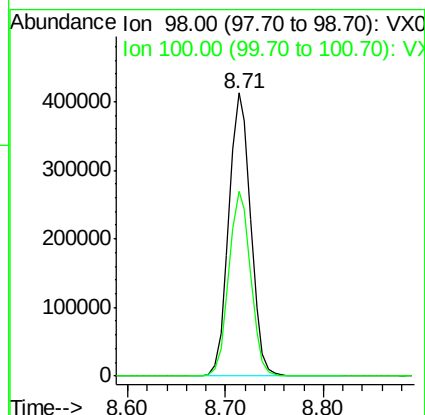
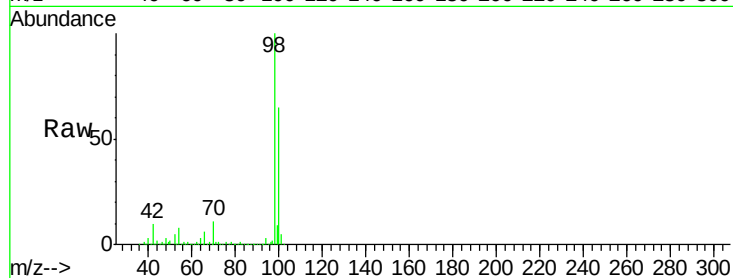




#50
Toluene-d8
Concen: 47.949 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007824.D
Acq: 04 Mar 2019 21:15

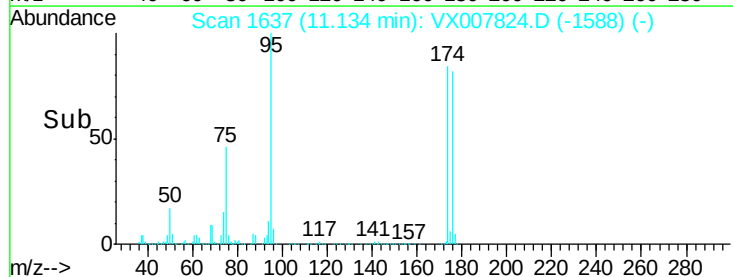
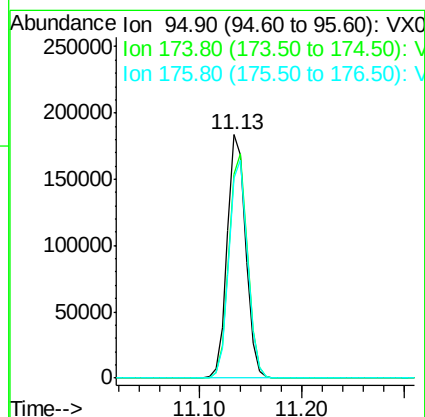
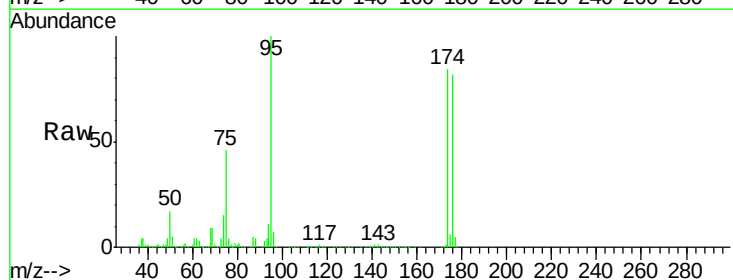
Instrument :
MSVOA_X
ClientSampled :
S11

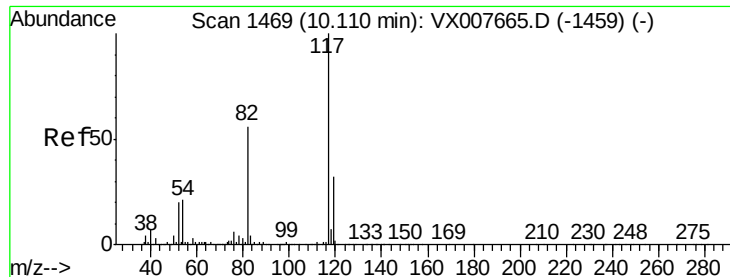
Tot Ion: 98 Resp: 641412
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.209 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007824.D
Acq: 04 Mar 2019 21:15

Tgt Ion: 95 Resp: 231789
Ion Ratio Lower Upper
95 100
174 92.1 0.0 189.2
176 89.6 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: VX007824.D

Acq: 04 Mar 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

S11

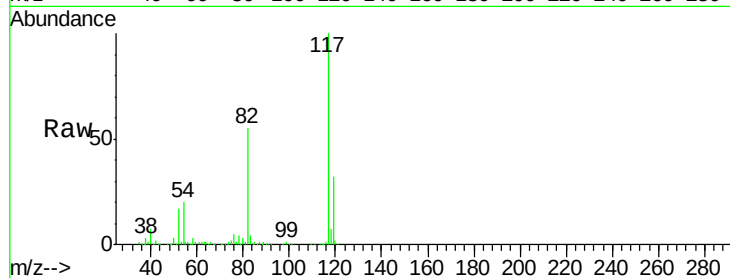
Tot Ion:117 Resp: 498544

Ion Ratio Lower Upper

117 100

82 54.9 42.1 63.1

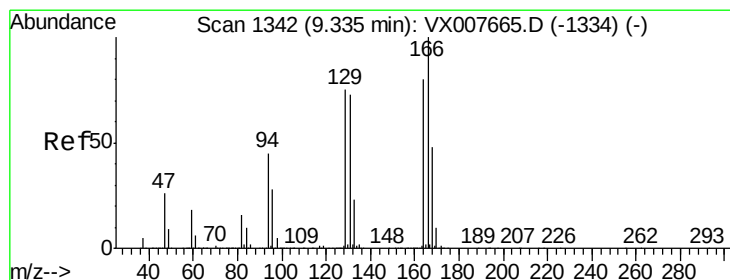
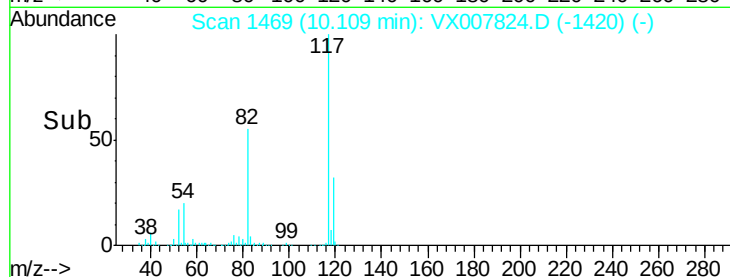
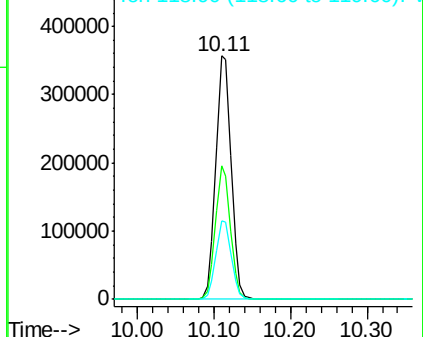
119 32.5 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.699 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007824.D

Acq: 04 Mar 2019 21:15

Tgt Ion:164 Resp: 19020

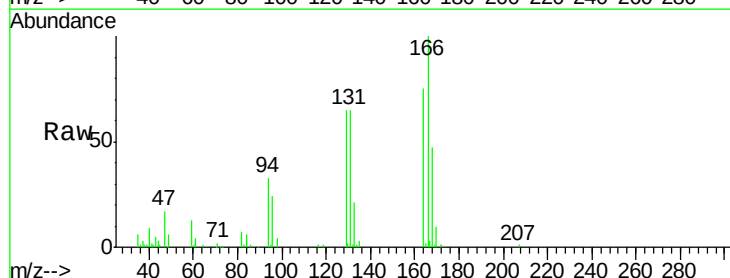
Ion Ratio Lower Upper

164 100

166 133.0 101.0 151.4

129 87.0 70.5 105.7

131 86.2 69.8 104.6

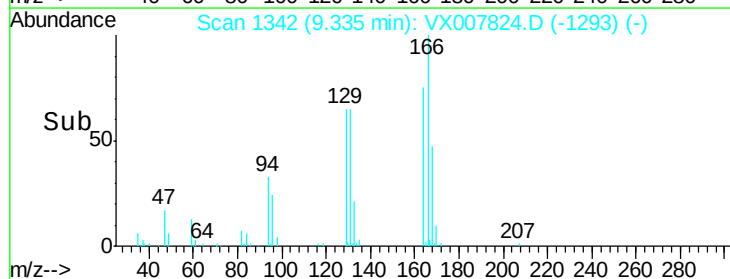
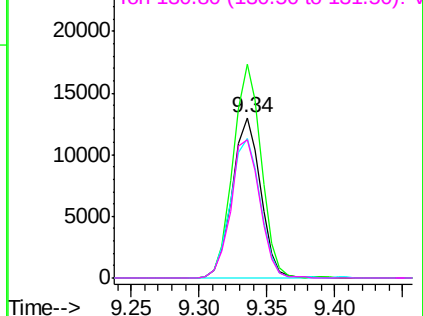


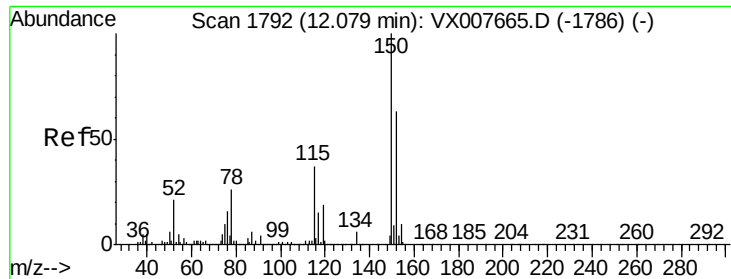
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



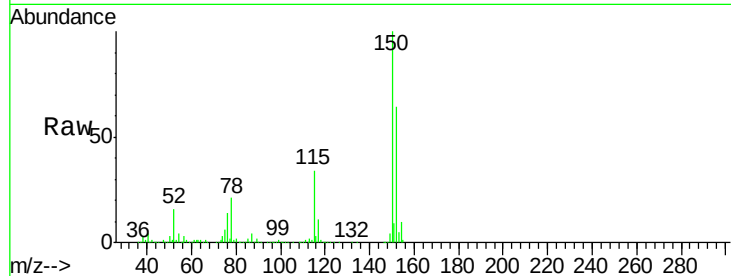


#72

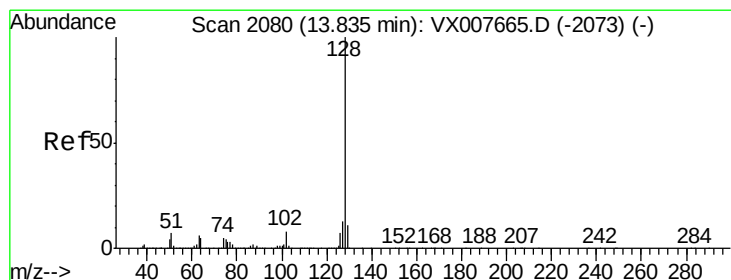
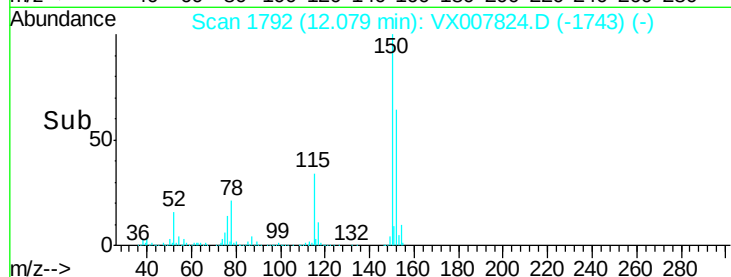
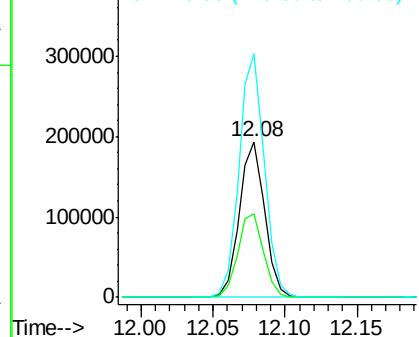
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007824.D
Acq: 04 Mar 2019 21:15

Instrument :
MSVOA_X
ClientSampled :
S11

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.0	114.0
150	155.9	0.0	346.4



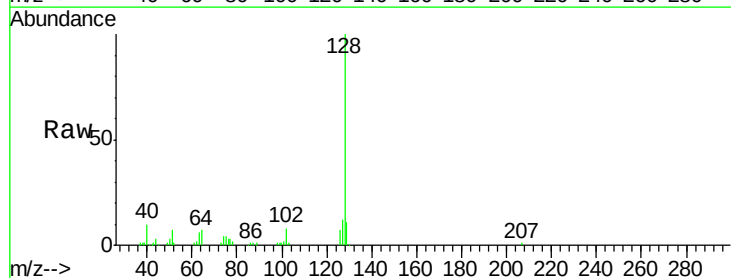
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.200 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007824.D
Acq: 04 Mar 2019 21:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

