

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002498.D
 Acq On : 13 Jun 2018 06:11
 Operator : JC/MD
 Sample : J3245-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-061118-C

Quant Time: Jun 13 07:44:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

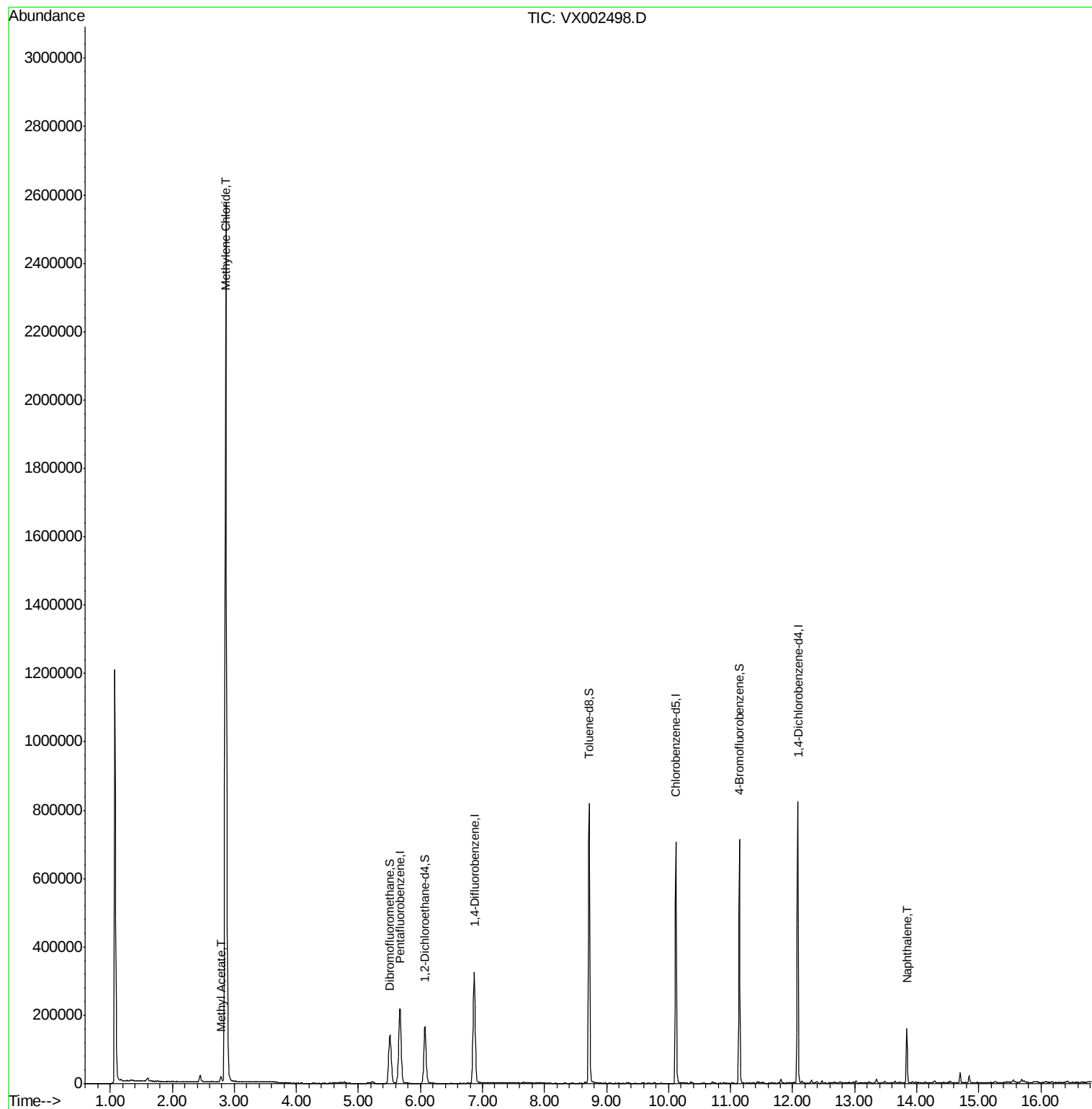
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156940	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	5.51	113	116683	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	8.72	98	464380	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	164016	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.62%	
Target Compounds						
18) Methyl Acetate	2.78	43	18708	3.522	ug/l	97
20) Methylene Chloride	2.86	84	1146361	492.695	ug/l	99
95) Naphthalene	13.84	128	96937	7.797	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002498.D

Acq: 13 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

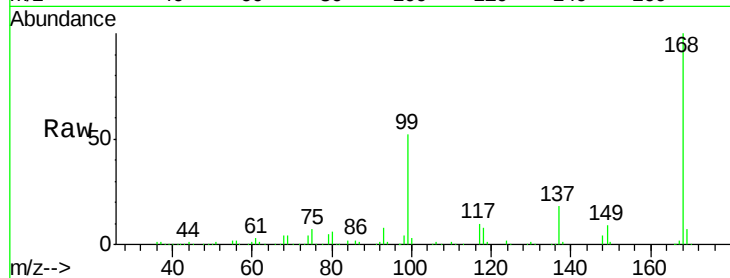
CL-01-061118-C

Tot Ion:168 Resp: 216530

Ion Ratio Lower Upper

168 100

99 52.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

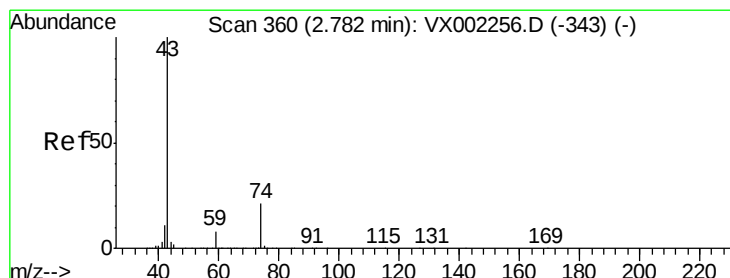
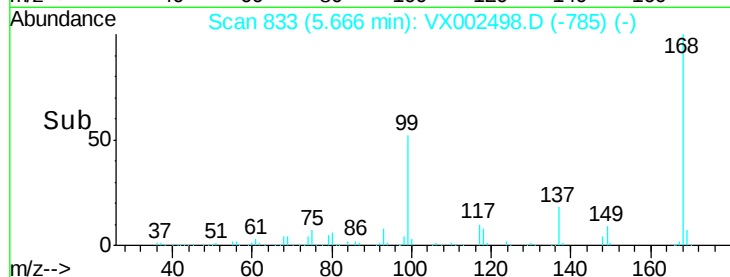
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 3.522 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002498.D

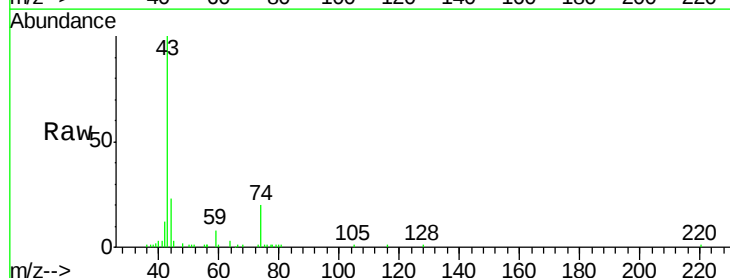
Acq: 13 Jun 2018 06:11

Tgt Ion: 43 Resp: 18708

Ion Ratio Lower Upper

43 100

74 22.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

12000

10000

8000

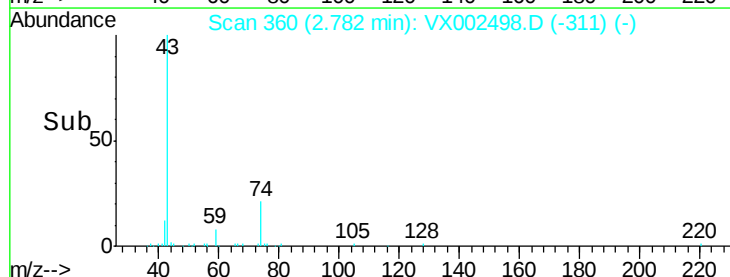
6000

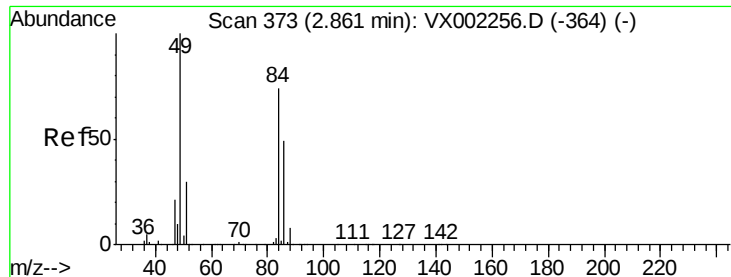
4000

2000

0

Time--> 2.70 2.75 2.80 2.85



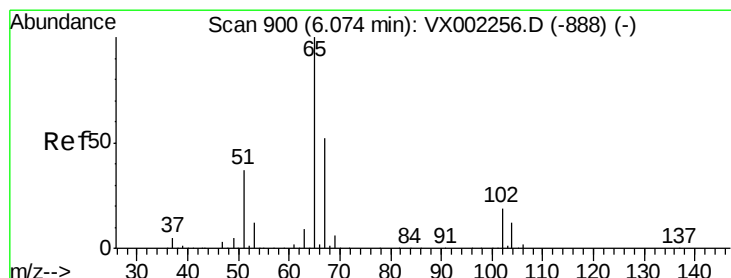
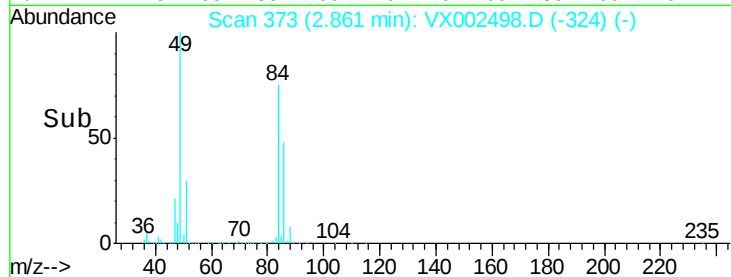
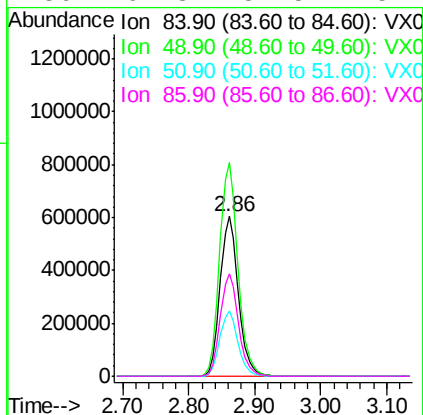
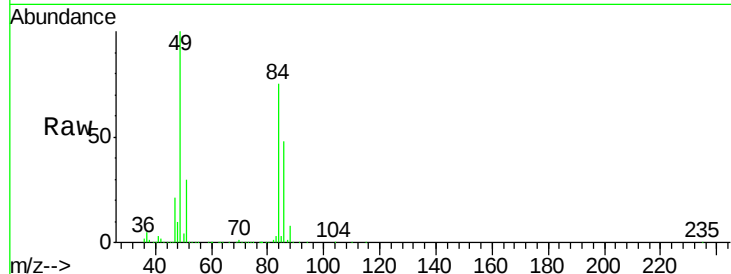


#20
Methylene Chloride
Concen: 492.695 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :
CL-01-061118-C

Tot Ion: 84 Resp: 1146361

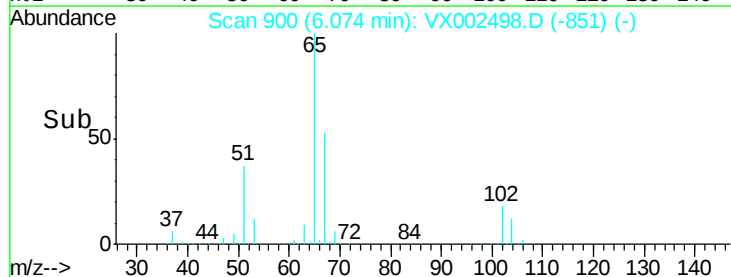
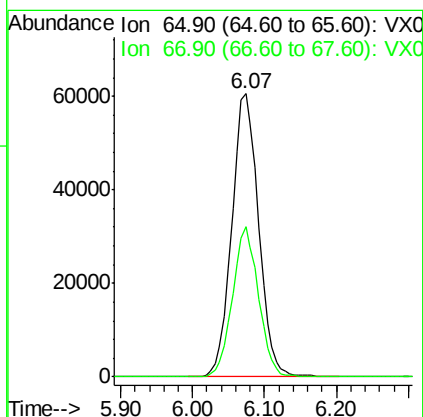
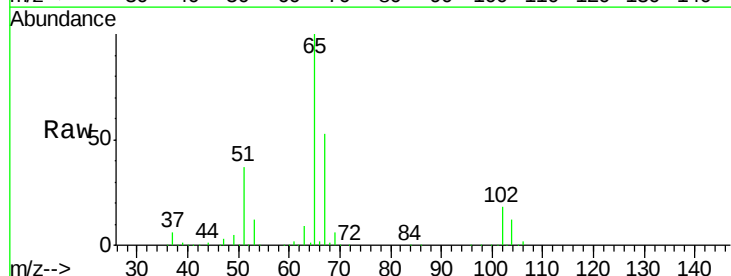
Ion	Ratio	Lower	Upper
84	100		
49	133.7	107.8	161.6
51	40.7	32.8	49.2
86	64.3	52.5	78.7

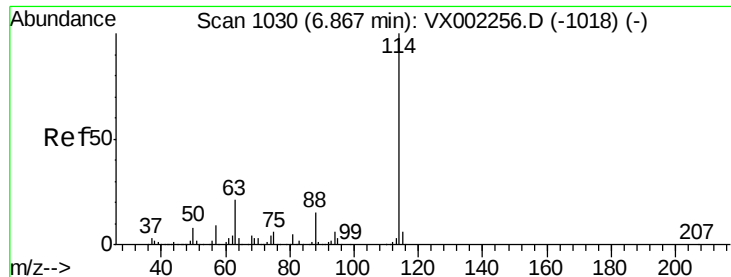


#33
1,2-Dichloroethane-d4
Concen: 50.736 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 65 Resp: 156940

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002498.D

Acq: 13 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

CL-01-061118-C

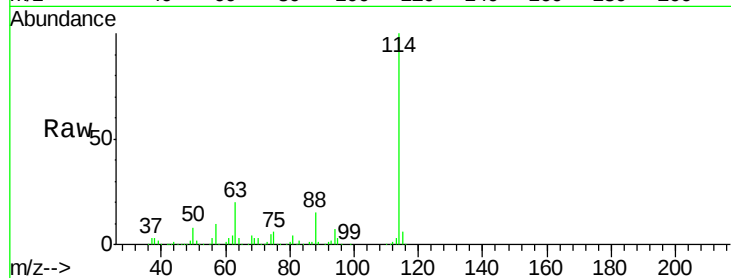
Tot Ion:114 Resp: 318456

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

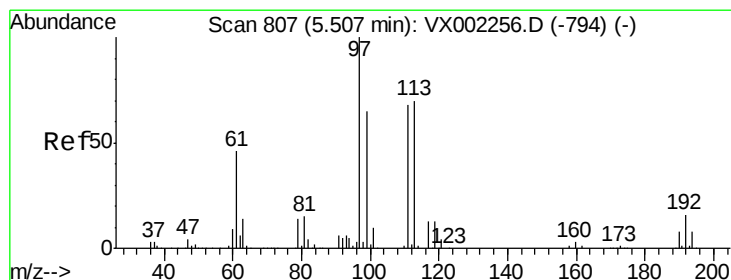
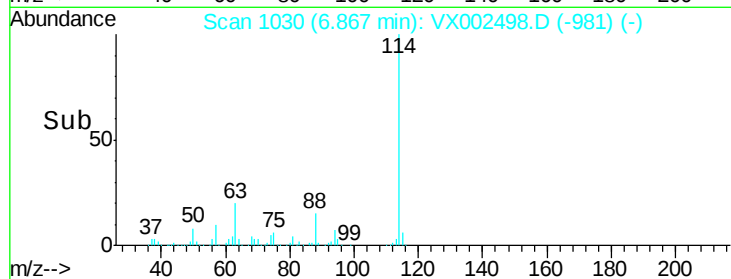
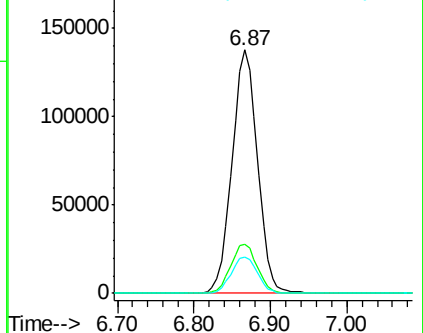
88 14.8 0.0 30.0



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: 46.592 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002498.D

Acq: 13 Jun 2018 06:11

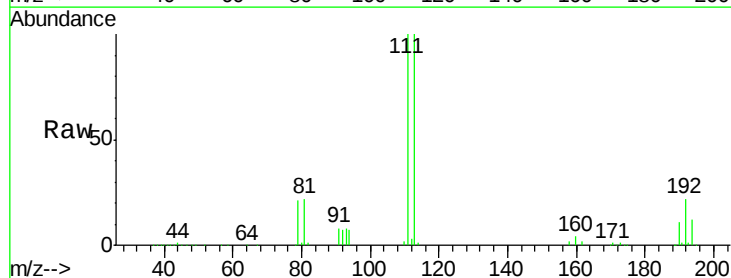
Tgt Ion:113 Resp: 116683

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

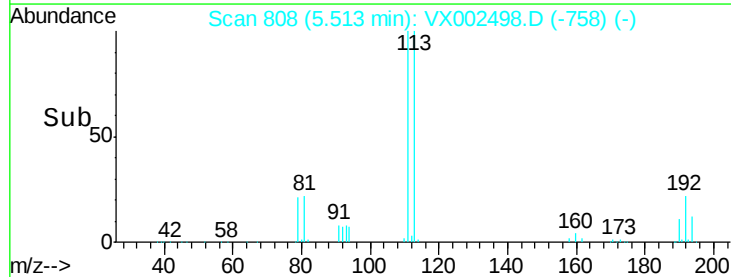
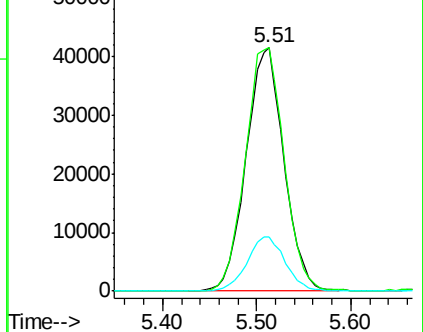
192 22.5 19.1 28.7

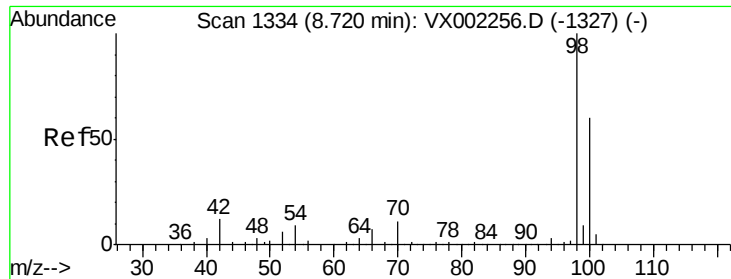


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.378 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002498.D

Acq: 13 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

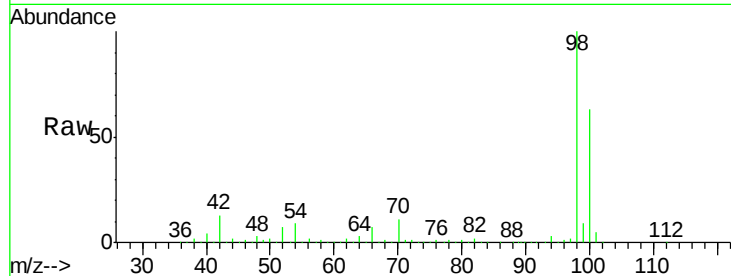
CL-01-061118-C

Tot Ion: 98 Resp: 464380

Ion Ratio Lower Upper

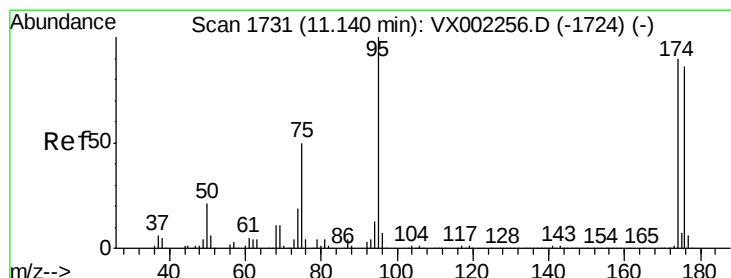
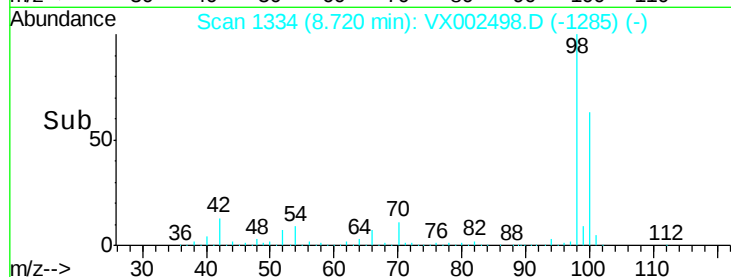
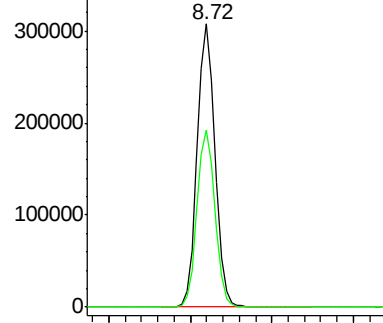
98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.310 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002498.D

Acq: 13 Jun 2018 06:11

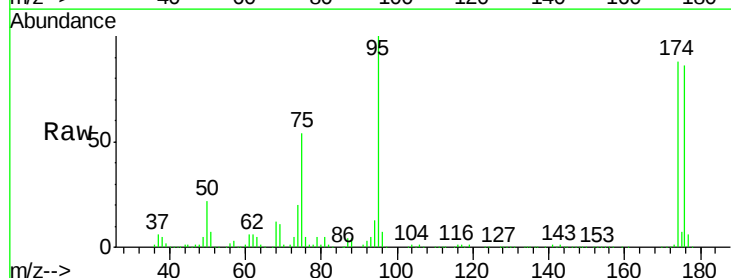
Tgt Ion: 95 Resp: 164016

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.4

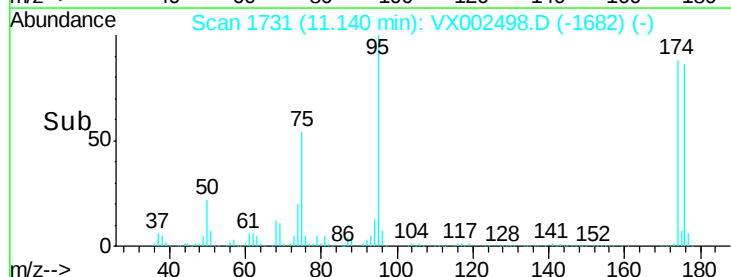
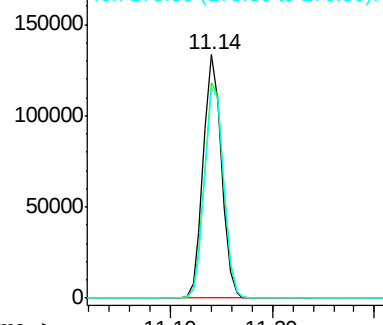
176 90.9 0.0 181.0

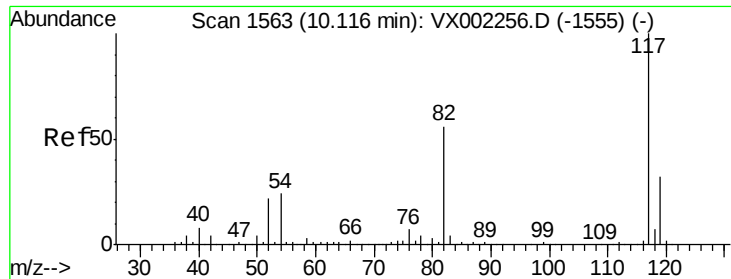


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

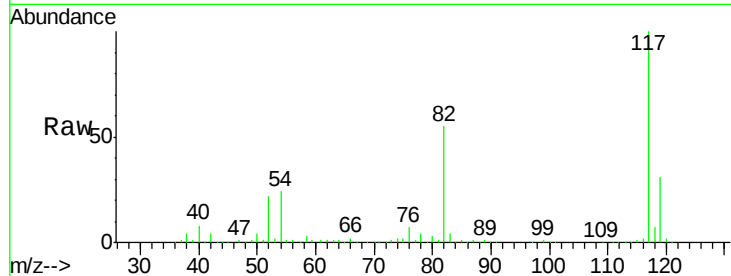




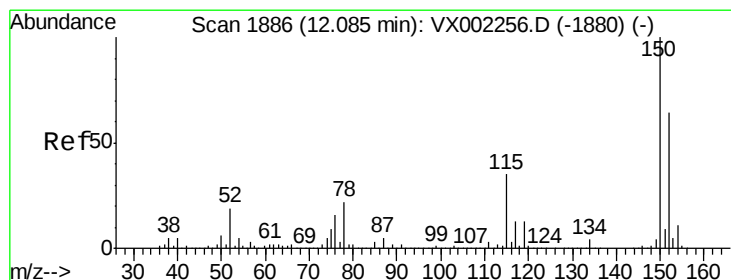
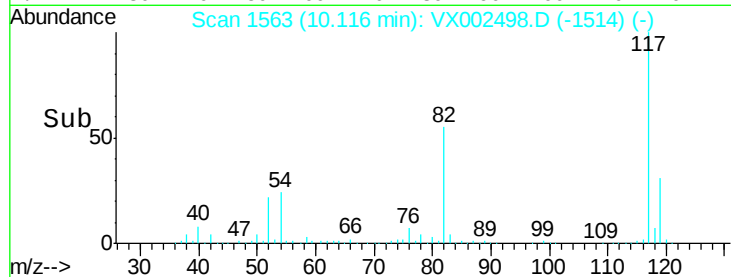
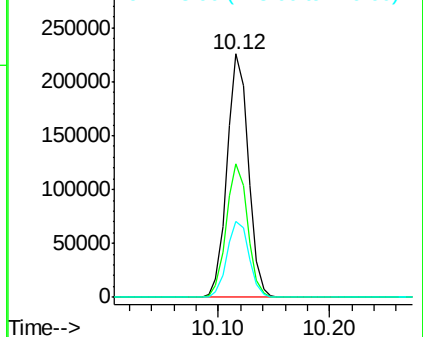
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :
CL-01-061118-C

Tot Ion:117 Resp: 298993
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.3 25.8 38.6

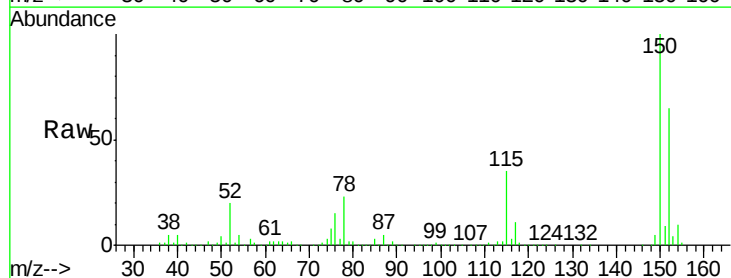


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

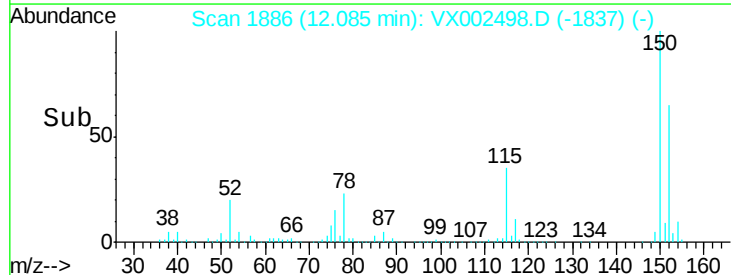
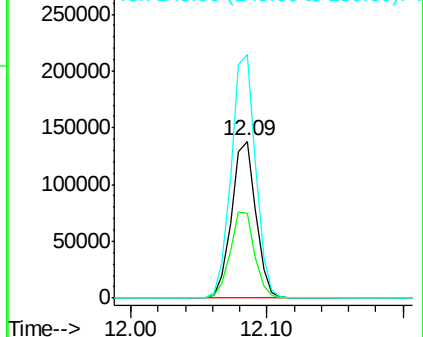


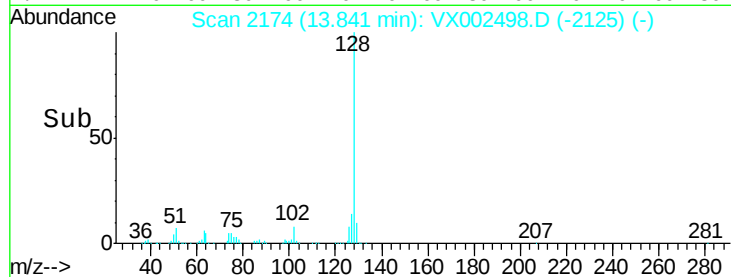
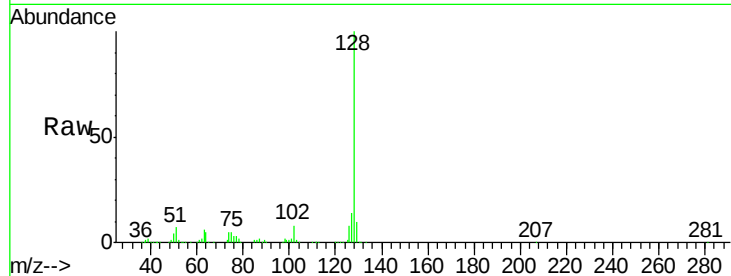
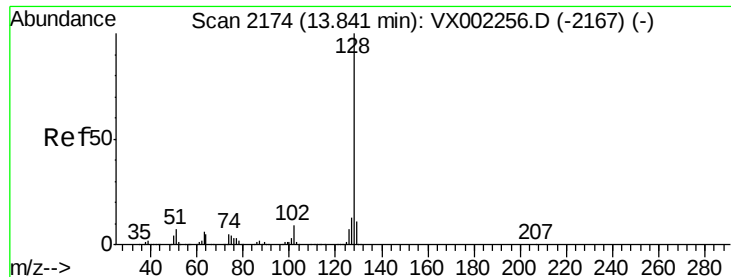
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion:152 Resp: 170807
Ion Ratio Lower Upper
152 100
115 55.4 40.1 120.2
150 156.4 0.0 347.2



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: 7.797 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002498.D

Acq: 13 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

CL-01-061118-C

Tot Ion:128 Resp: 96937

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.6 13.0

