

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055944.D
 Acq On : 1 Jun 2019 3:16
 Operator : JC/SP
 Sample : K3125-16 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Jun 01 04:22:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

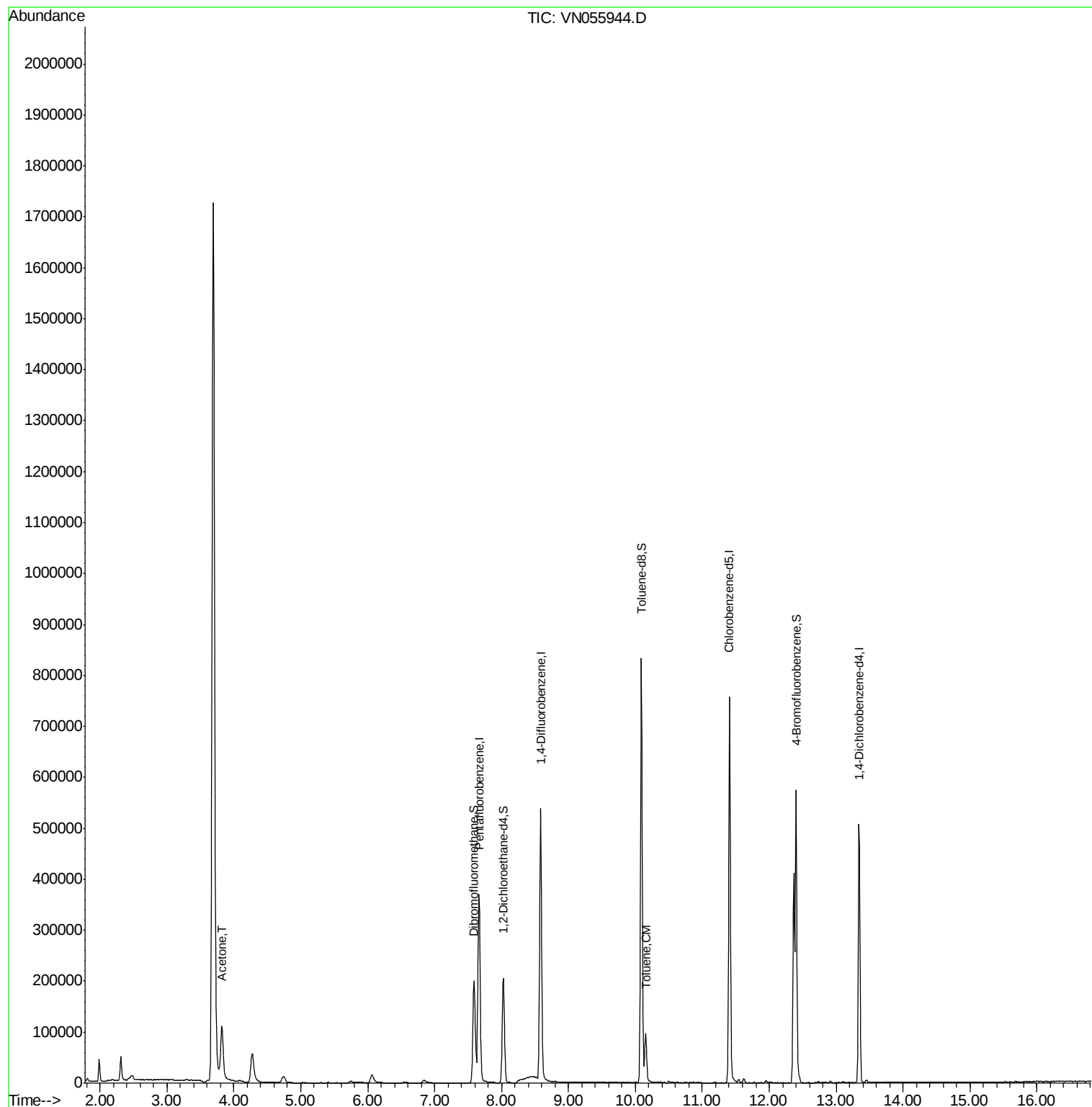
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	342013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	525397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	481867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	175704	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.59	113	153086	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	10.09	98	621407	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	203762	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	3.82	43	162861	104.895	ug/l	89
52) Toluene	10.16	92	42433	4.889	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055944.D

Acq: 1 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

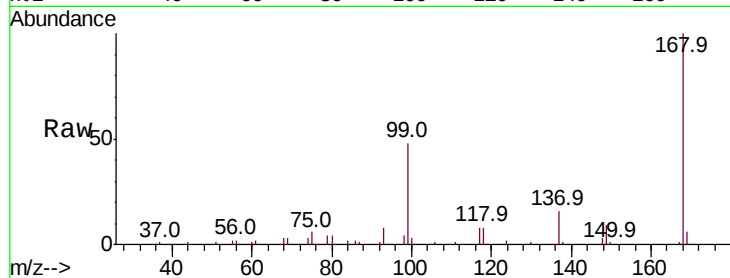
COMP-3

Tot Ion:168 Resp: 342013

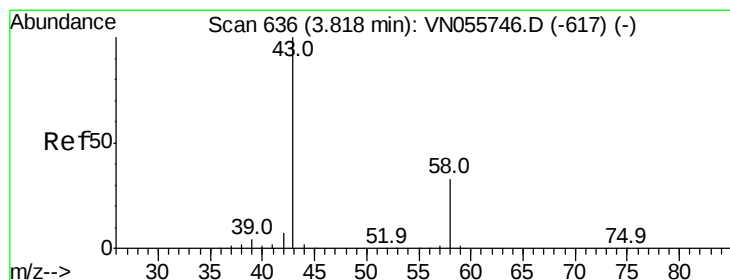
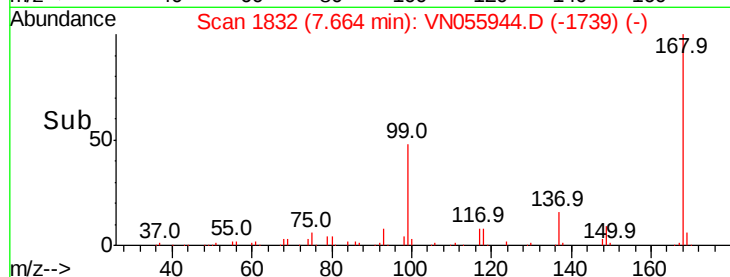
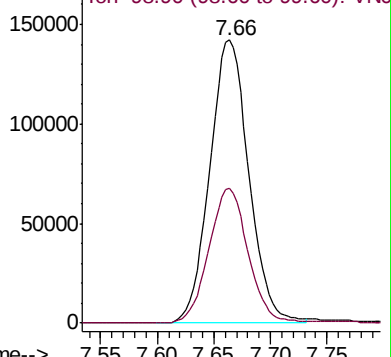
Ion Ratio Lower Upper

168 100

99 47.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)



#16

Acetone

Concen: 104.895 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055944.D

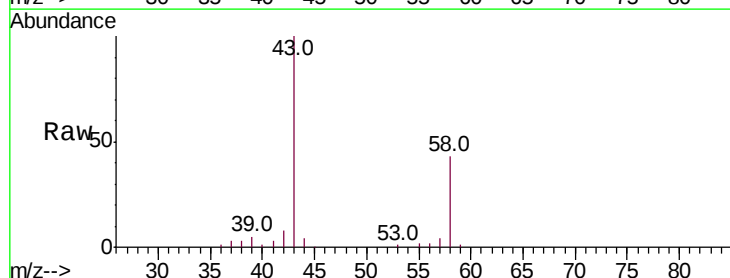
Acq: 1 Jun 2019 3:16

Tgt Ion: 43 Resp: 162861

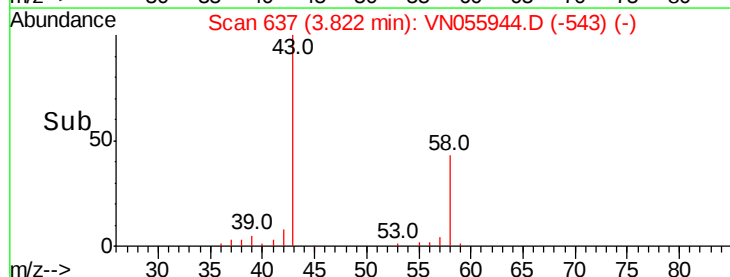
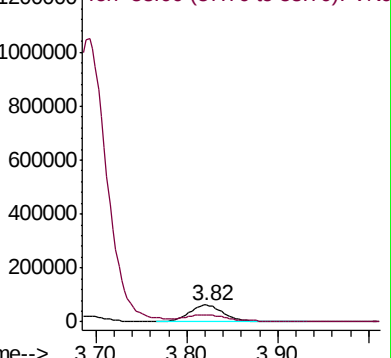
Ion Ratio Lower Upper

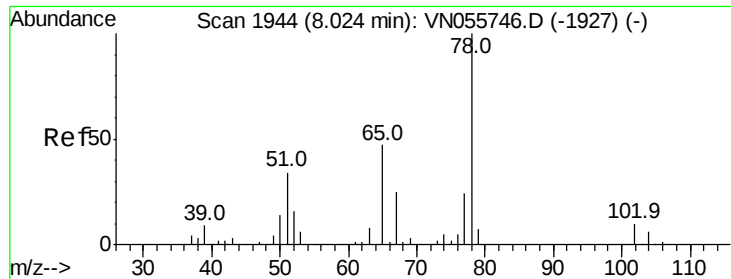
43 100

58 39.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-617) (-)

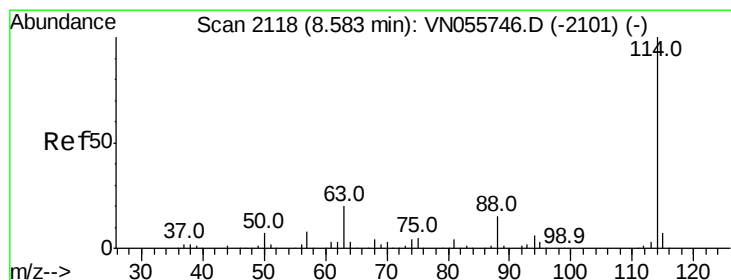
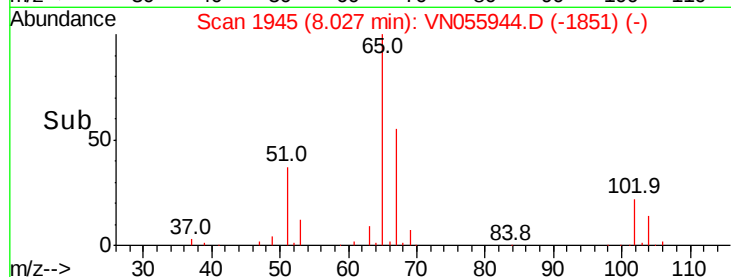
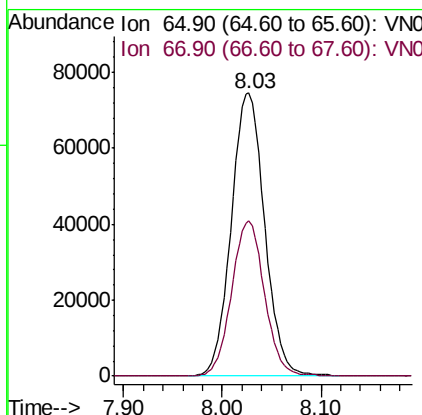
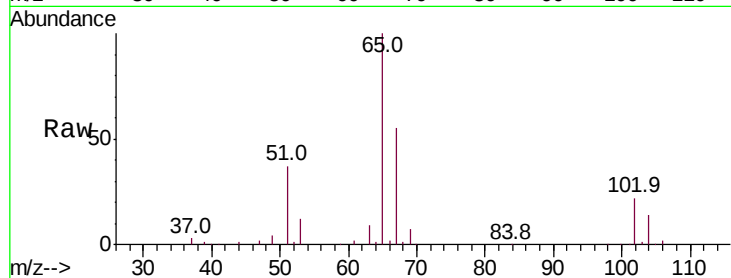




#33
 1,2-Dichloroethane-d4
 Concen: 49.746 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055944.D
 Acq: 1 Jun 2019 3:16

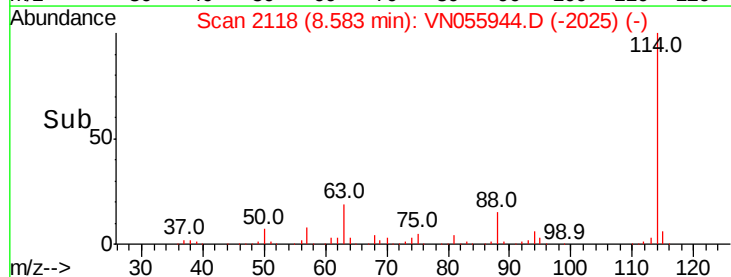
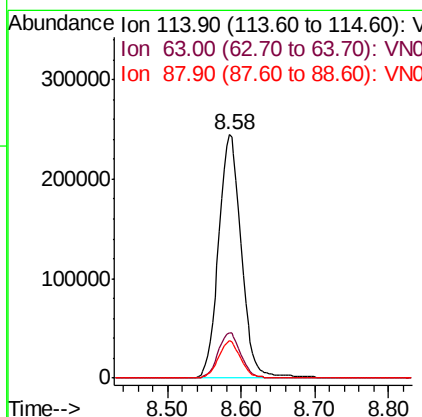
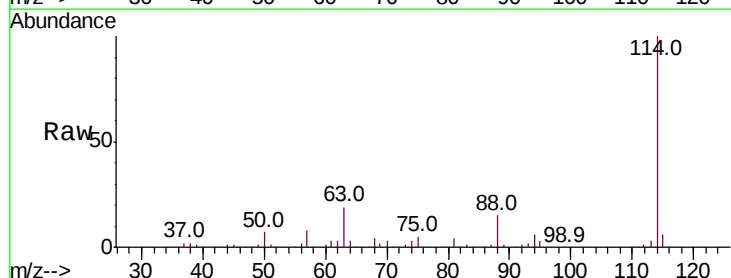
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

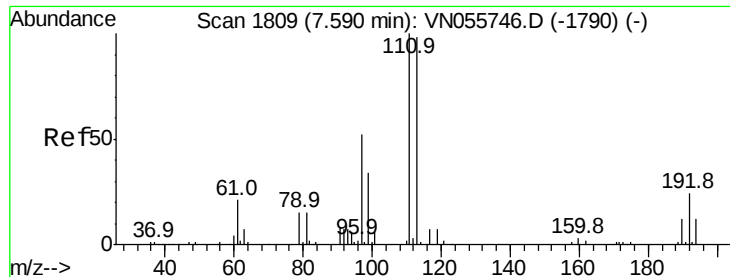
Tot Ion: 65 Resp: 175704
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055944.D
 Acq: 1 Jun 2019 3:16

Tgt Ion: 114 Resp: 525397
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.086 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055944.D

Acq: 1 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

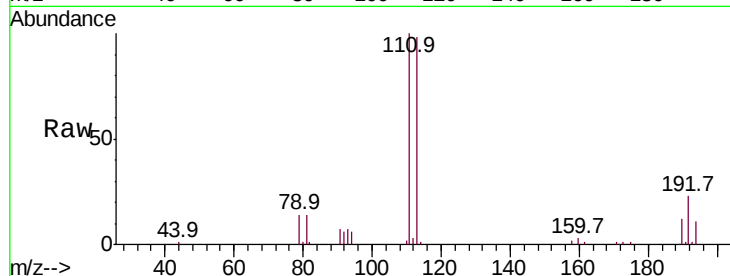
Tot Ion:113 Resp: 153086

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

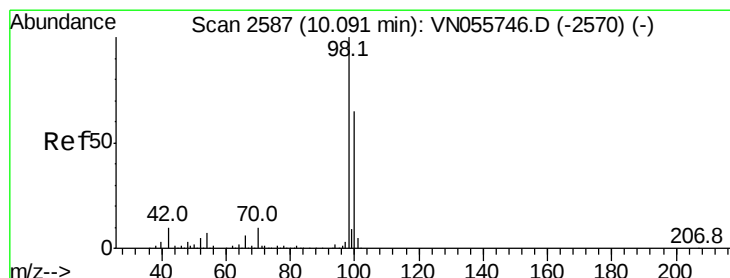
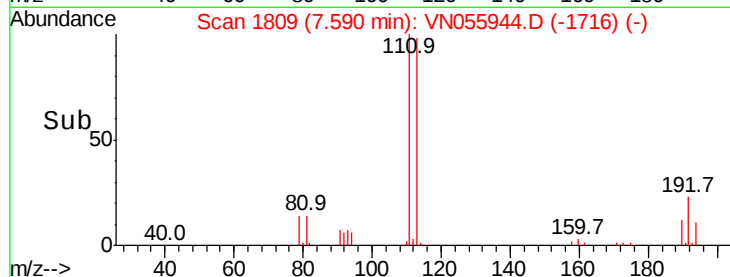
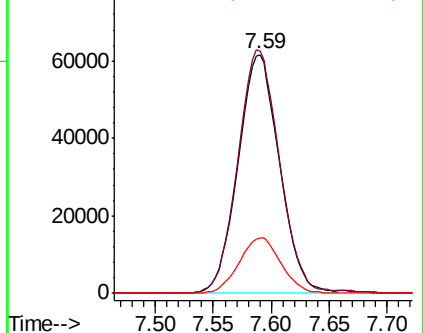
192 23.6 19.5 29.3



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: 48.769 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055944.D

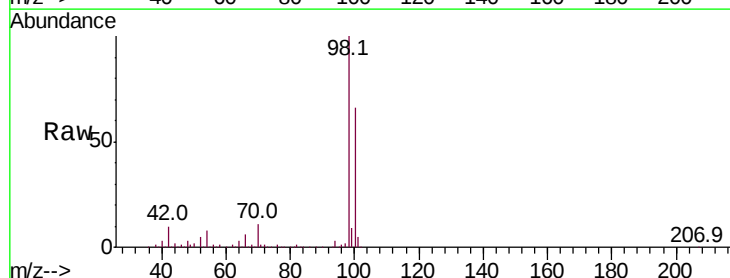
Acq: 1 Jun 2019 3:16

Tgt Ion: 98 Resp: 621407

Ion Ratio Lower Upper

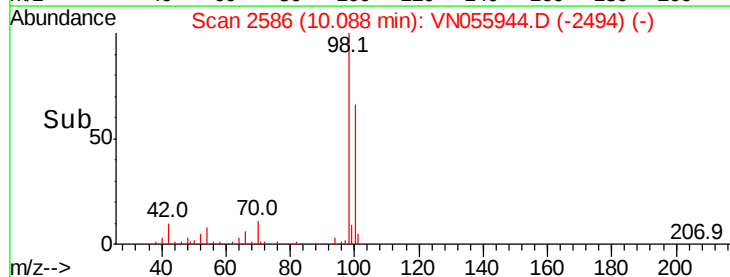
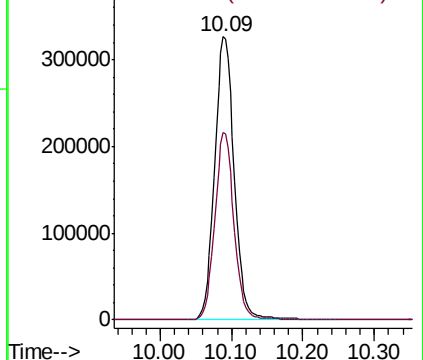
98 100

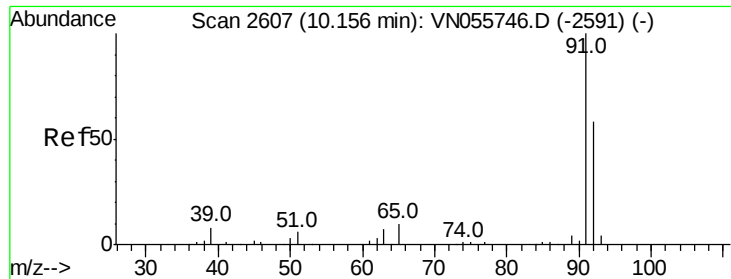
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 4.889 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055944.D

Acq: 1 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

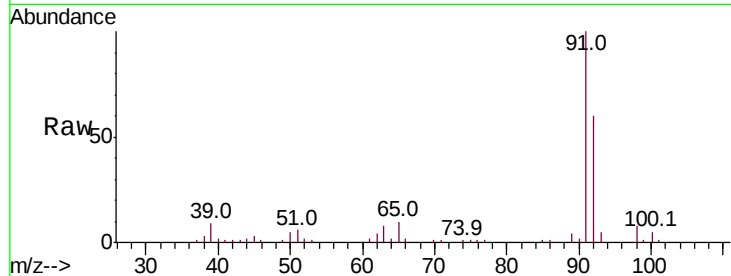
COMP-3

Tot Ion: 92 Resp: 42433

Ion Ratio Lower Upper

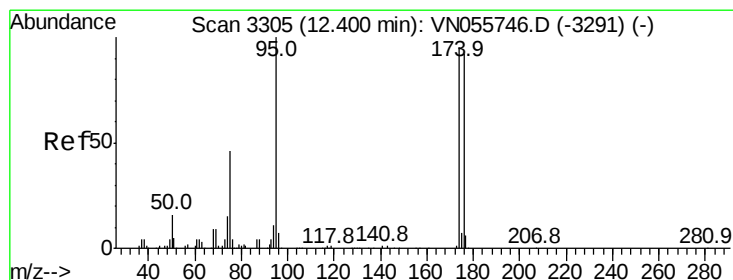
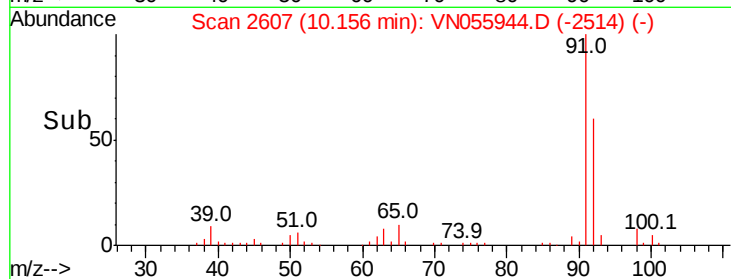
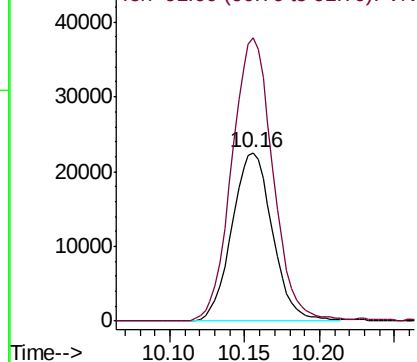
92 100

91 170.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.638 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055944.D

Acq: 1 Jun 2019 3:16

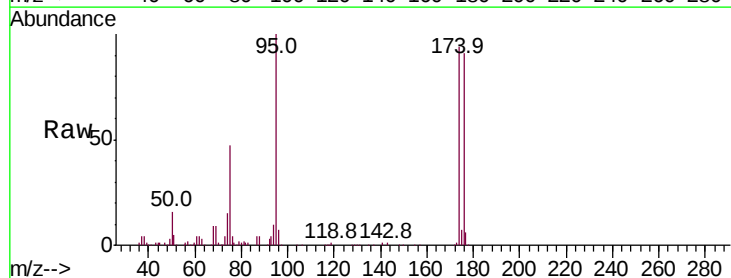
Tgt Ion: 95 Resp: 203762

Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.0

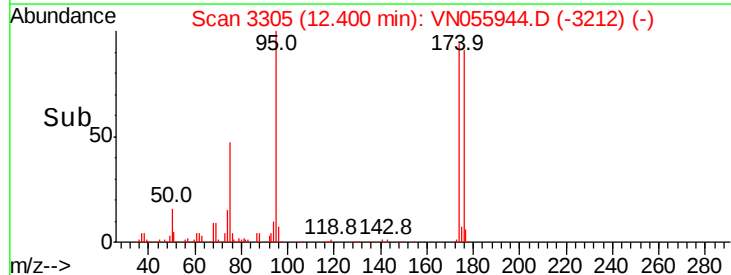
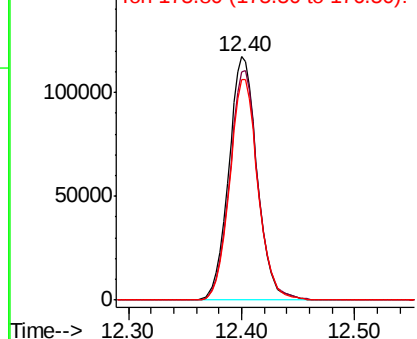
176 90.6 0.0 185.2

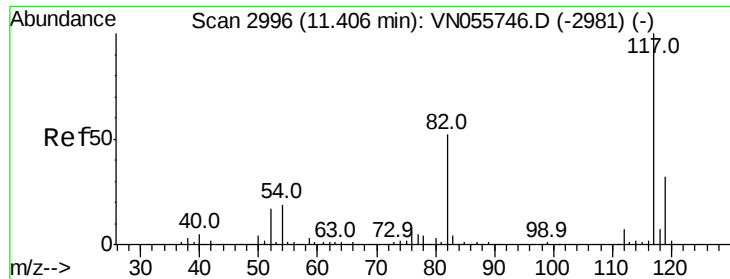


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

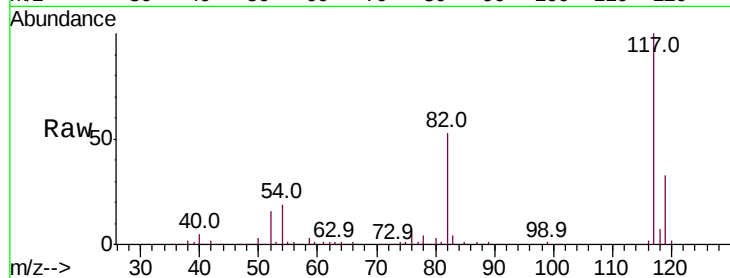




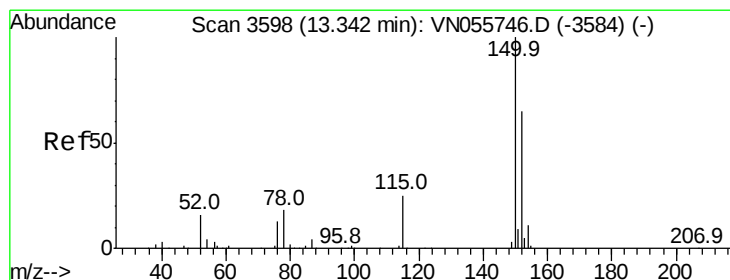
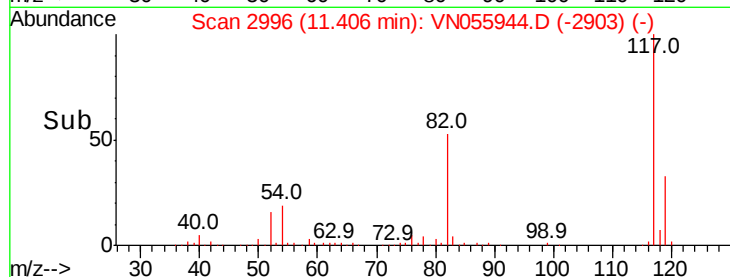
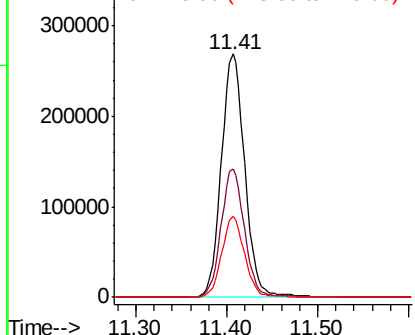
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055944.D
Acq: 1 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tot Ion:117 Resp: 481867
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 33.1 25.4 38.0

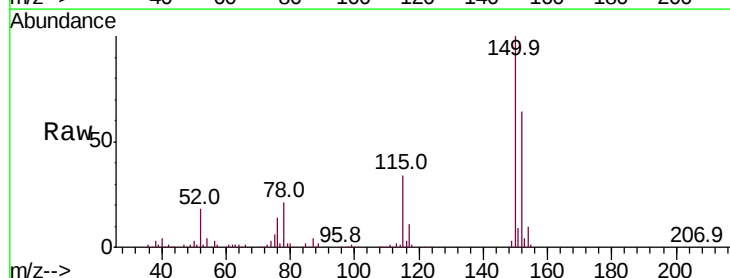


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055944.D
Acq: 1 Jun 2019 3:16

Tgt Ion:152 Resp: 157307
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 156.5 0.0 343.2



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

