

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056311.D
 Acq On : 14 Jun 2019 14:52
 Operator : JC/SP
 Sample : K3373-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13857-13964-13981

Quant Time: Jun 15 00:05:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

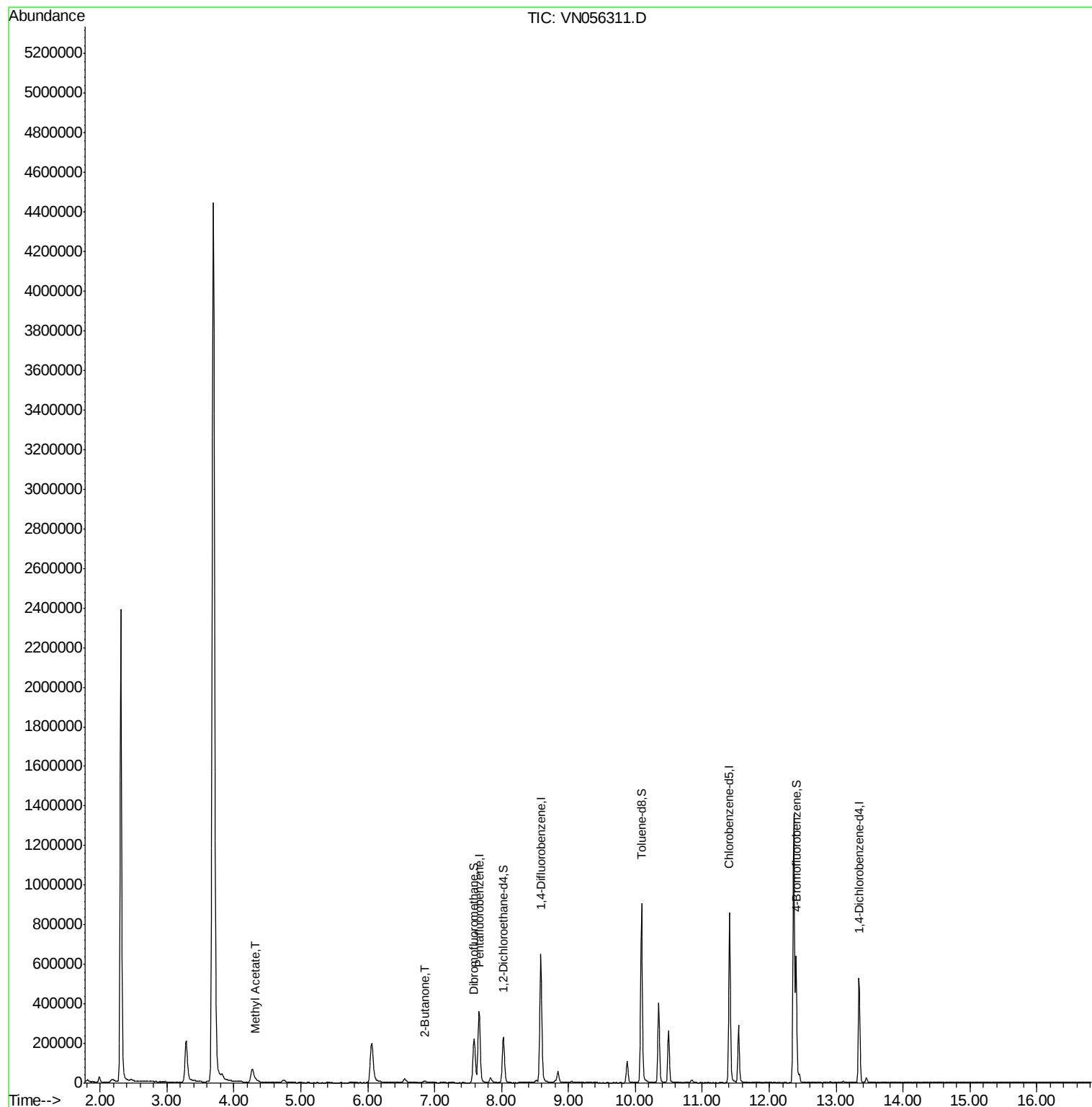
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	326566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	558159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	544174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191335	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.02%	
35) Dibromofluoromethane	7.59	113	172257	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.09	98	678210	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	228219	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
Target Compounds						
18) Methyl Acetate	4.33	43	13780	3.992	ug/l	95
25) 2-Butanone	6.86	43	5393	2.752	ug/l #	88

(#) = 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: VN056311.D

Acq: 14 Jun 2019 14:52

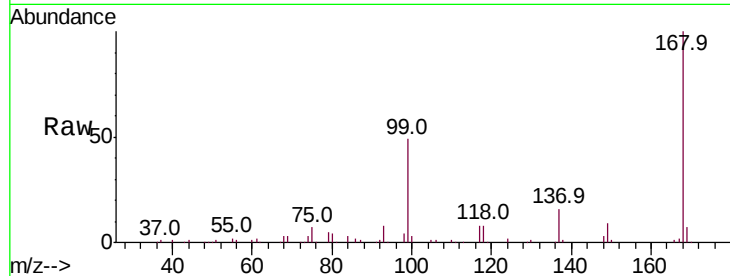
Instrument :
MSVOA_N
ClientSampleId :
13857-13964-13981

Tot Ion:168 Resp: 326566

Ion Ratio Lower Upper

168 100

99 49.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

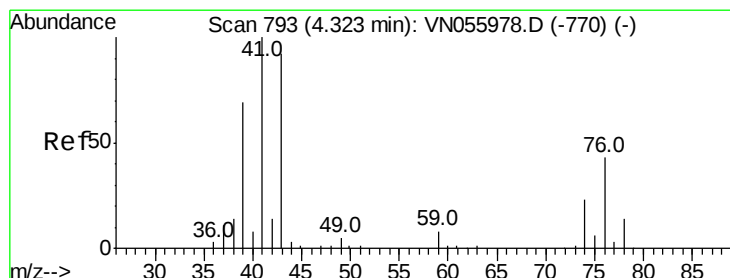
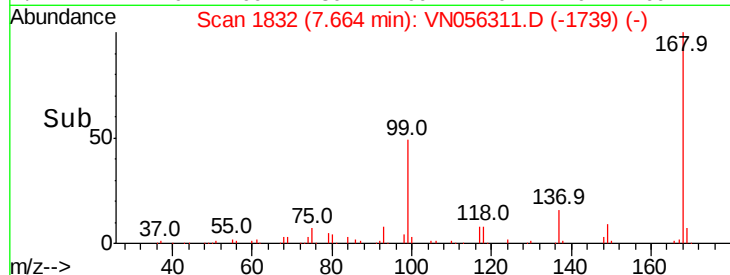
100000

50000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 3.992 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056311.D

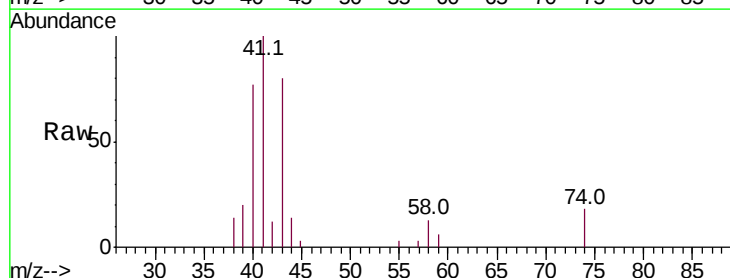
Acq: 14 Jun 2019 14:52

Tgt Ion: 43 Resp: 13780

Ion Ratio Lower Upper

43 100

74 21.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN055978.D (-770) (-)

4.33

5000

4000

3000

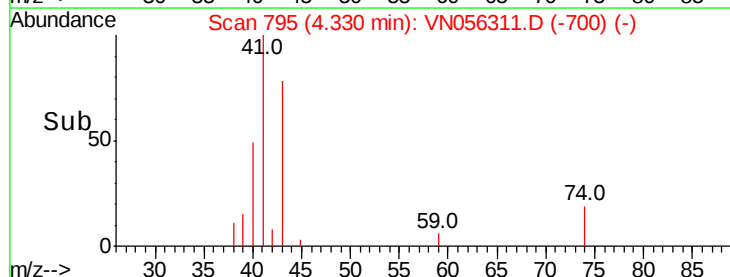
2000

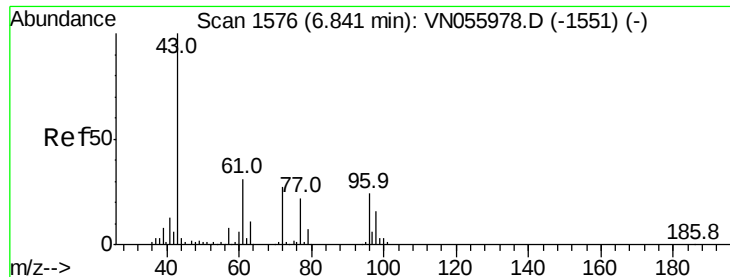
1000

0

4.25 4.30 4.35 4.40 4.45

Time-->

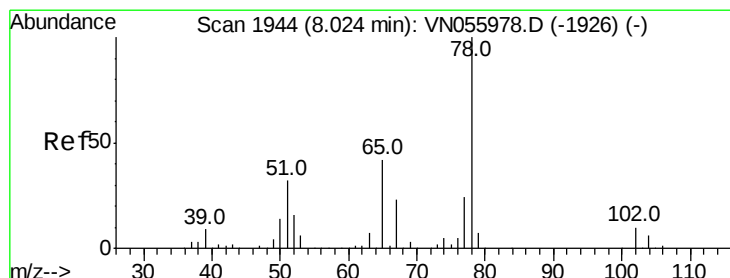
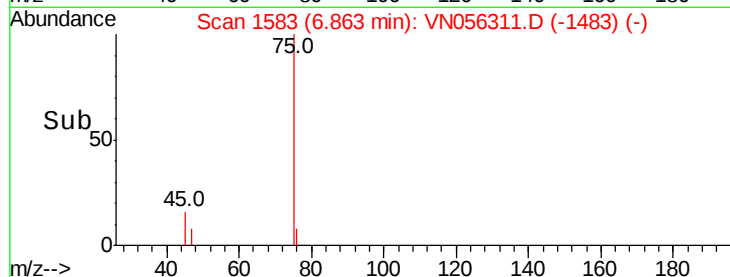
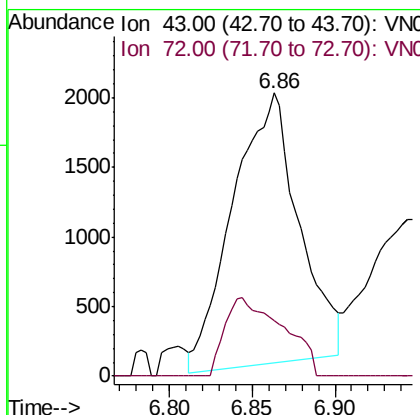
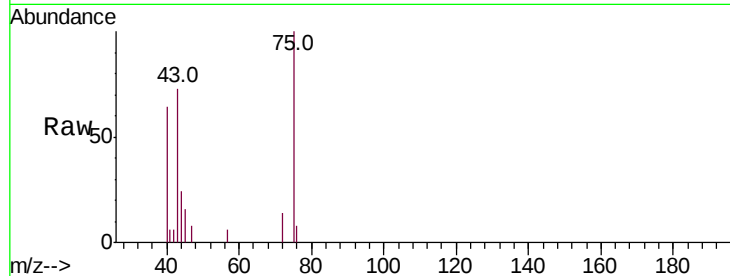




#25
 2-Butanone
 Concen: 2.752 ug/l
 RT: 6.86 min Scan# 1583
 Delta R.T. 0.02 min
 Lab File: VN056311.D
 Acq: 14 Jun 2019 14:52

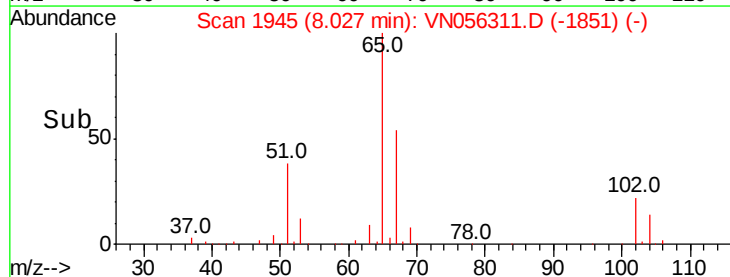
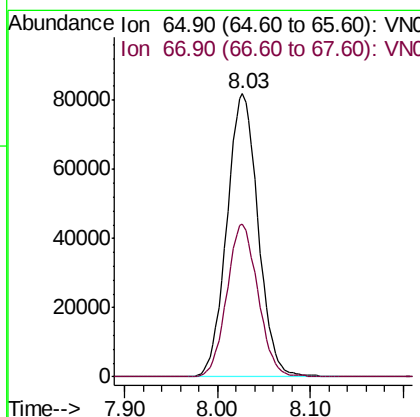
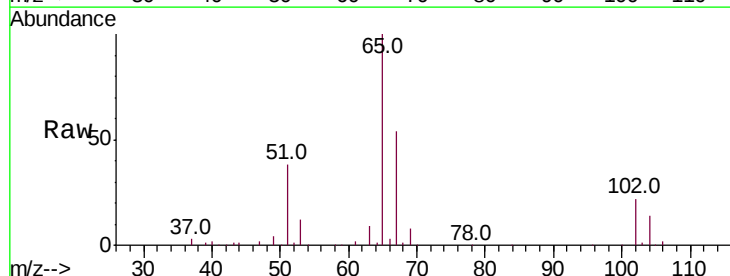
Instrument :
 MSVOA_N
 ClientSampleId :
 13857-13964-13981

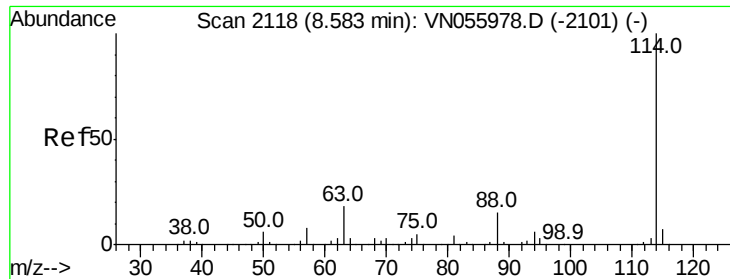
Tot Ion: 43 Resp: 5393
 Ion Ratio Lower Upper
 43 100
 72 21.2 21.9 32.9#



#33
 1,2-Dichloroethane-d4
 Concen: 59.008 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056311.D
 Acq: 14 Jun 2019 14:52

Tgt Ion: 65 Resp: 191335
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.2

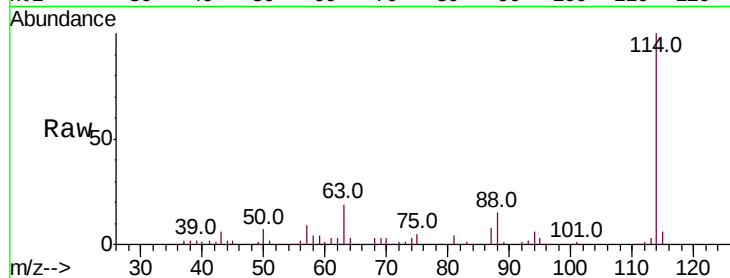




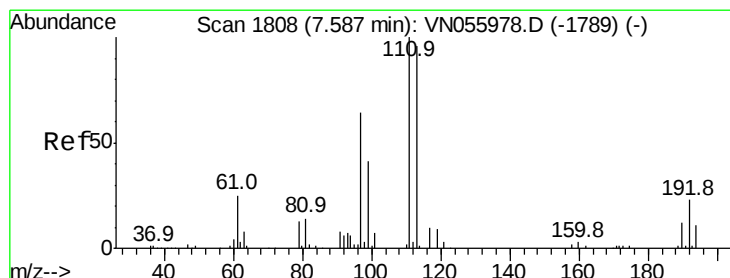
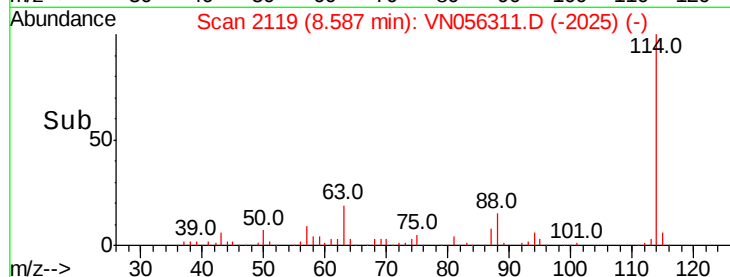
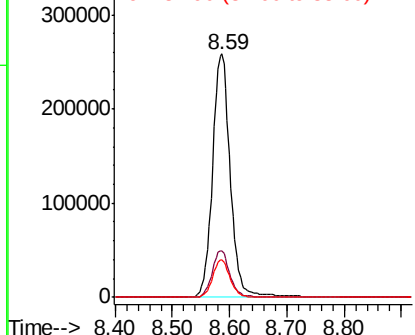
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056311.D
 Acq: 14 Jun 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 13857-13964-13981

Tot Ion:	114	Resp:	558159
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.2
88	15.3	0.0	31.0

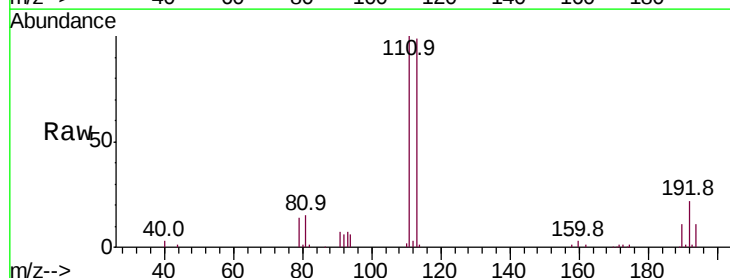


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

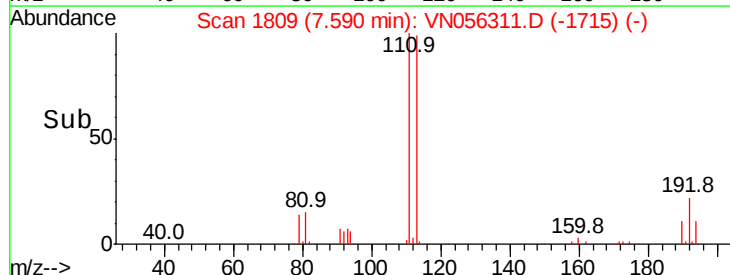
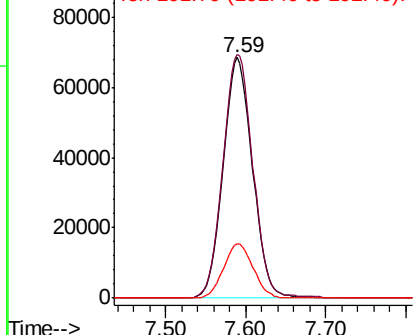


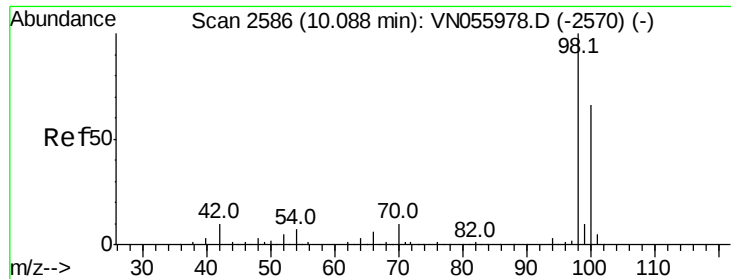
#35
 Dibromofluoromethane
 Concen: 50.302 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056311.D
 Acq: 14 Jun 2019 14:52

Tgt Ion:	113	Resp:	172257
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	22.7	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: 51.467 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056311.D

Acq: 14 Jun 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

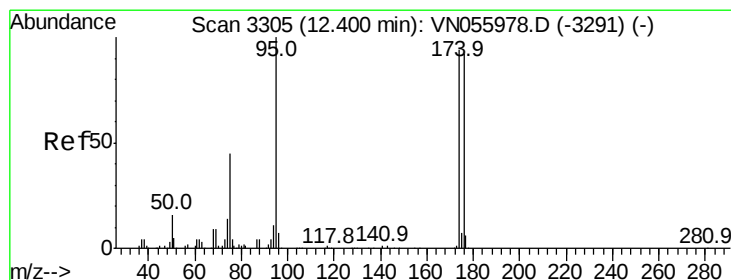
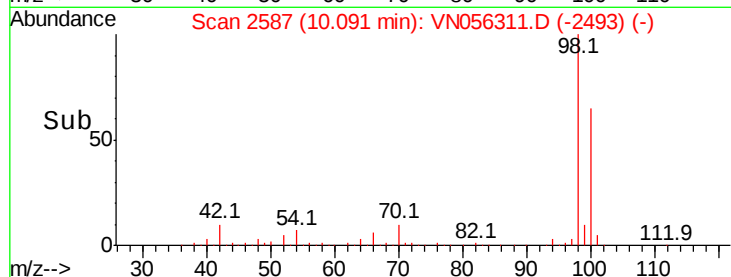
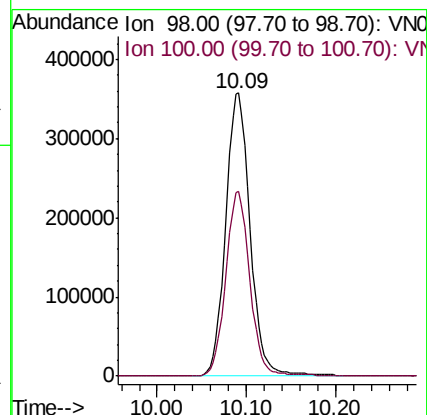
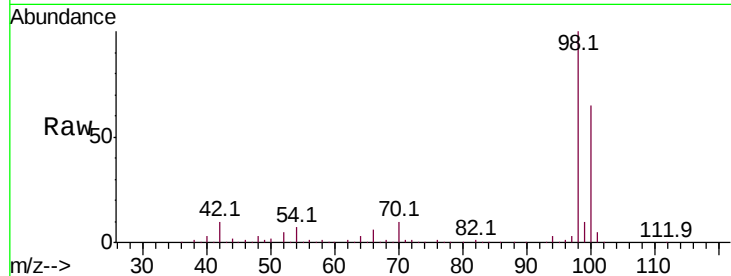
13857-13964-13981

Tot Ion: 98 Resp: 678210

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.927 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056311.D

Acq: 14 Jun 2019 14:52

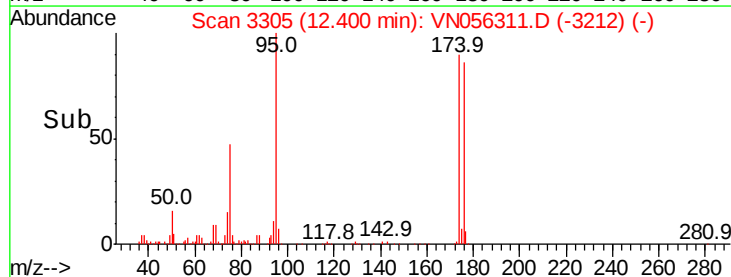
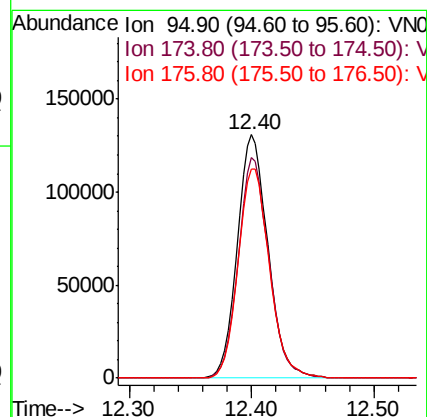
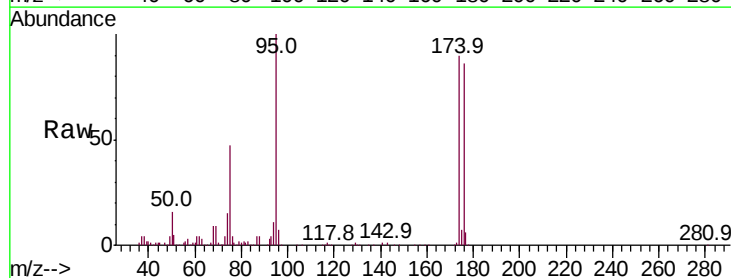
Tgt Ion: 95 Resp: 228219

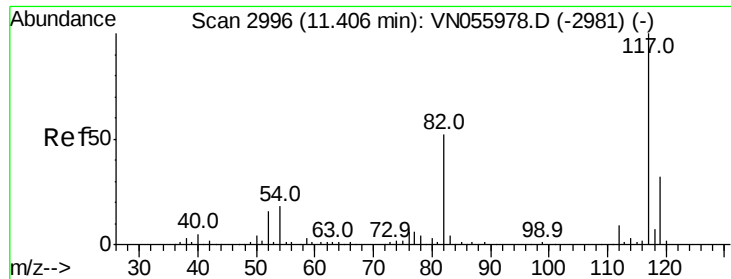
Ion Ratio Lower Upper

95 100

174 90.2 0.0 191.0

176 87.9 0.0 185.2

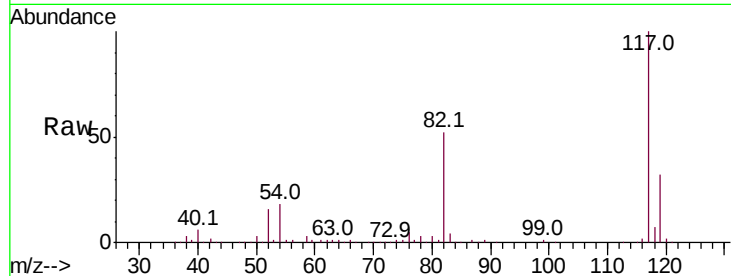




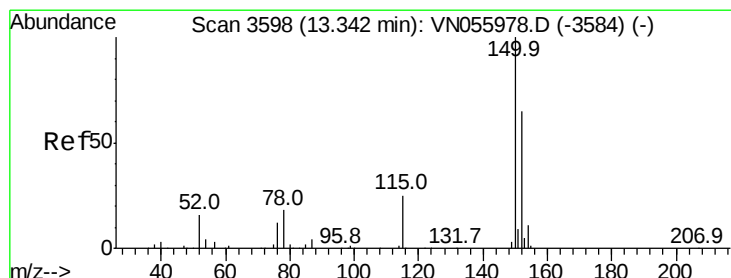
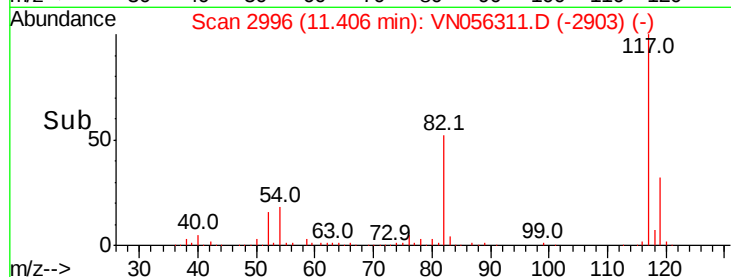
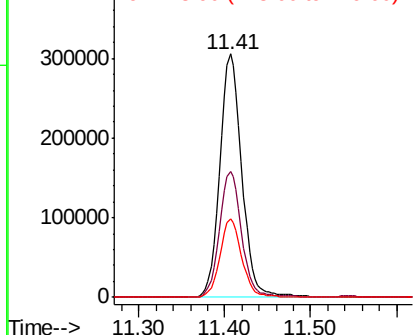
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056311.D
Acq: 14 Jun 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
13857-13964-13981

Tot Ion:117 Resp: 544174
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.1 25.4 38.0

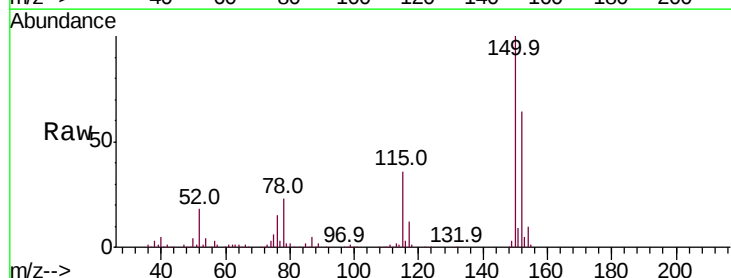


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056311.D
Acq: 14 Jun 2019 14:52

Tgt Ion:152 Resp: 156691
Ion Ratio Lower Upper
152 100
115 56.5 27.0 81.0
150 158.2 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

