

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056393.D
 Acq On : 20 Jun 2019 11:32
 Operator : JC/SP
 Sample : K3454-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30271

Quant Time: Jun 21 04:48:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

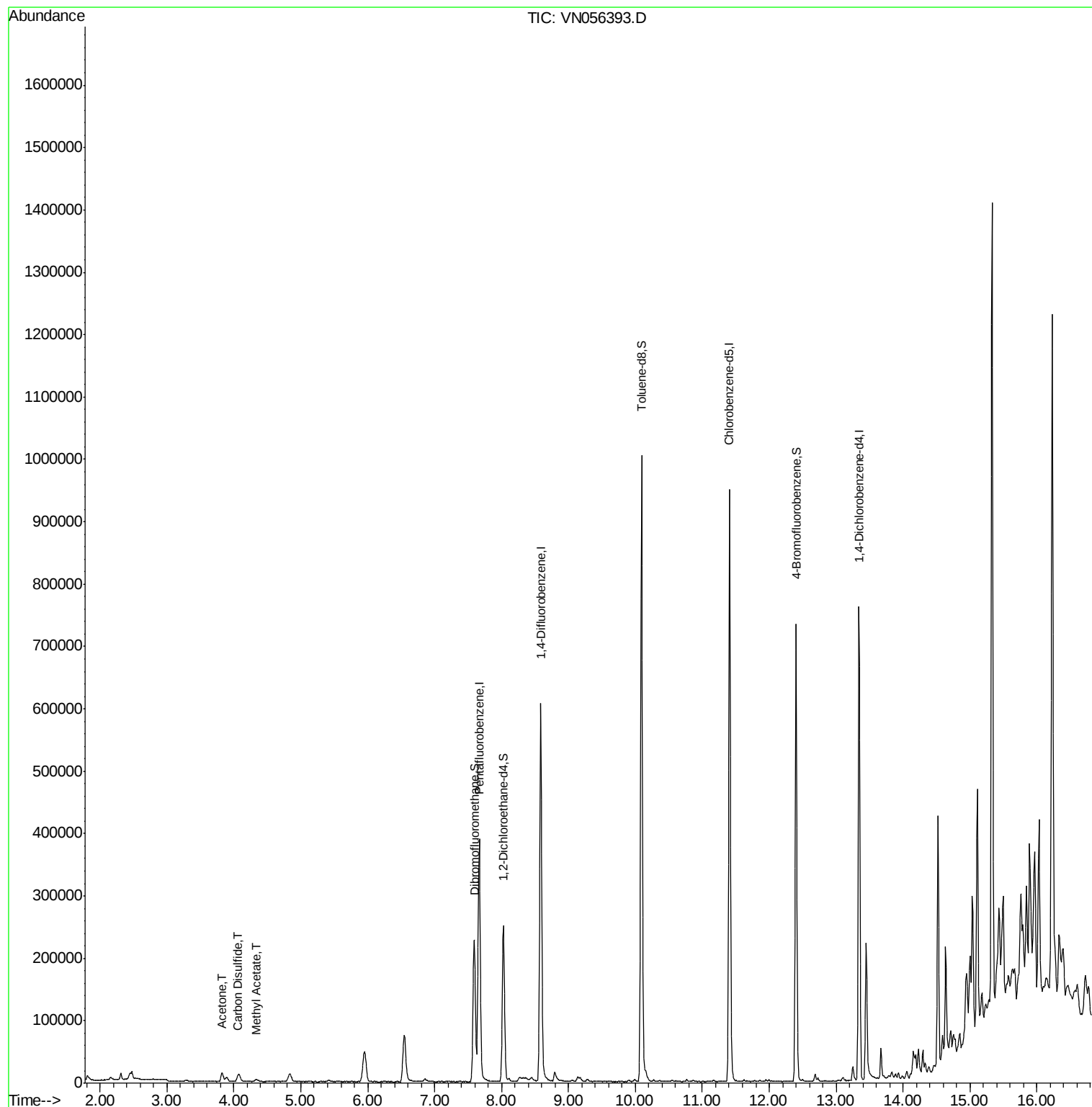
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	355917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	601585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202178	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	178167	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	10.09	98	743253	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.40	95	257980	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
Target Compounds						
16) Acetone	3.82	43	24671	12.483	ug/l	97
17) Carbon Disulfide	4.05	76	7452	1.042	ug/l #	89
18) Methyl Acetate	4.33	43	7970	1.212	ug/l #	89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056393.D

Acq: 20 Jun 2019 11:32

Instrument :

MSVOA_N

ClientSampled :

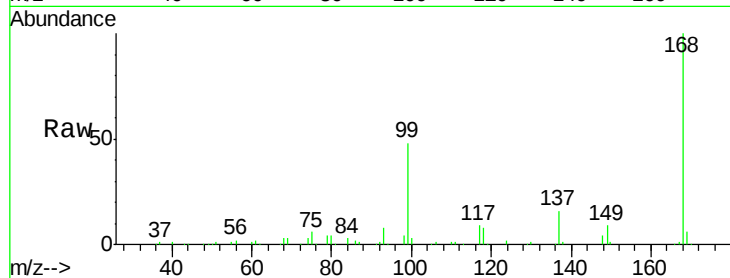
30271

Tot Ion:168 Resp: 355917

Ion Ratio Lower Upper

168 100

99 48.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

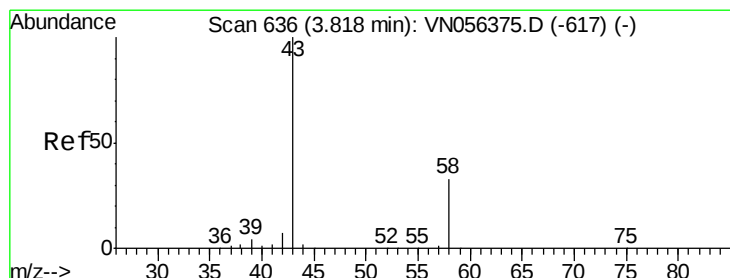
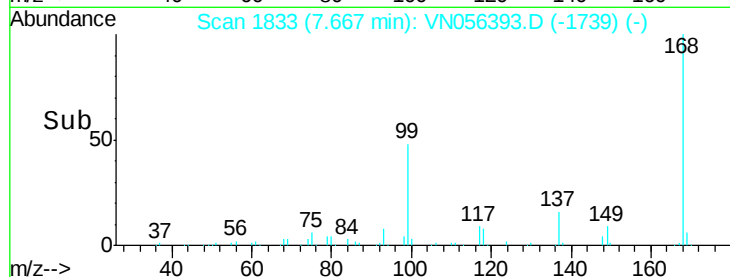
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.483 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056393.D

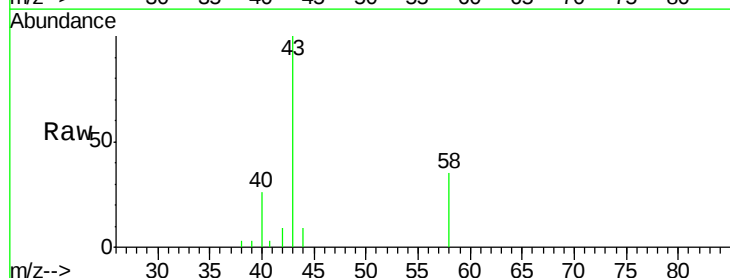
Acq: 20 Jun 2019 11:32

Tgt Ion: 43 Resp: 24671

Ion Ratio Lower Upper

43 100

58 34.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

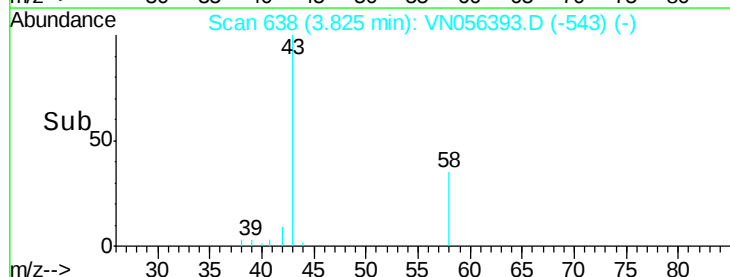
6000

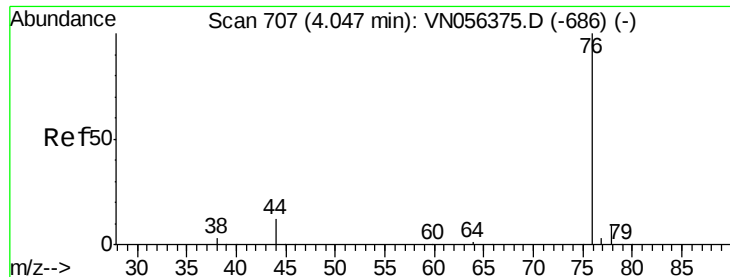
4000

2000

0

Time-->

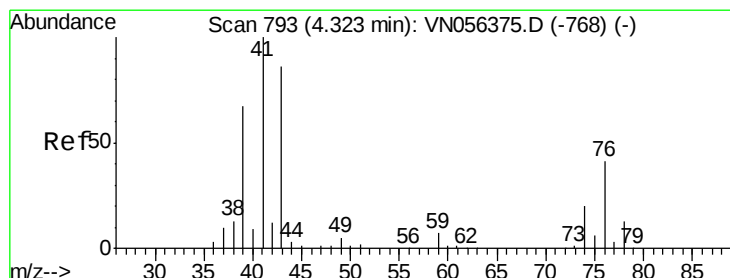
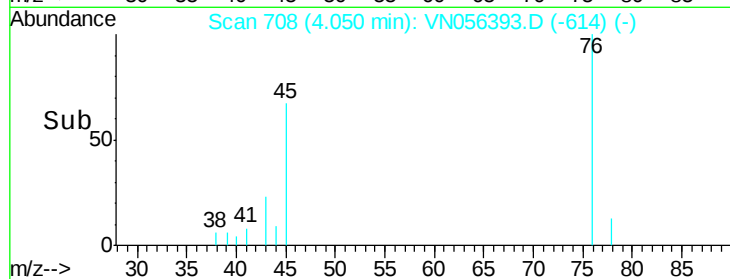
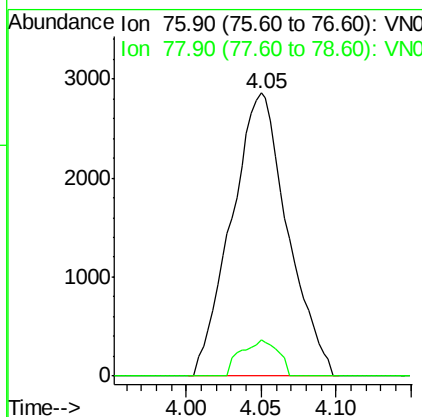
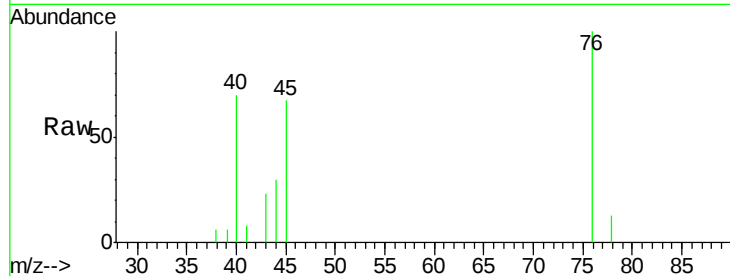




#17
Carbon Disulfide
Concen: 1.042 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056393.D
Acq: 20 Jun 2019 11:32

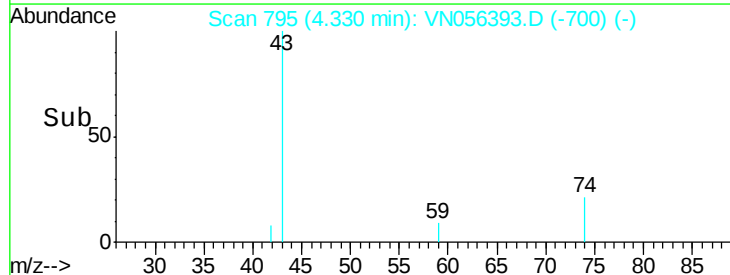
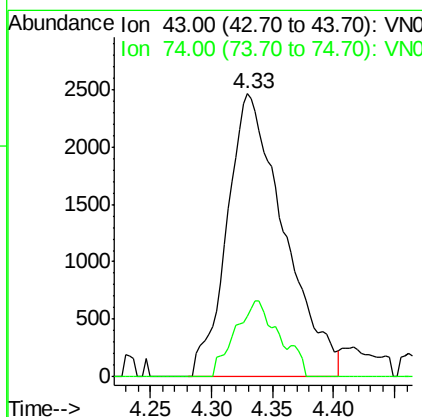
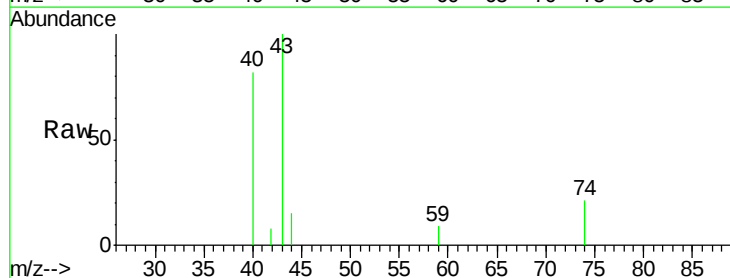
Instrument :
MSVOA_N
ClientSampled :
30271

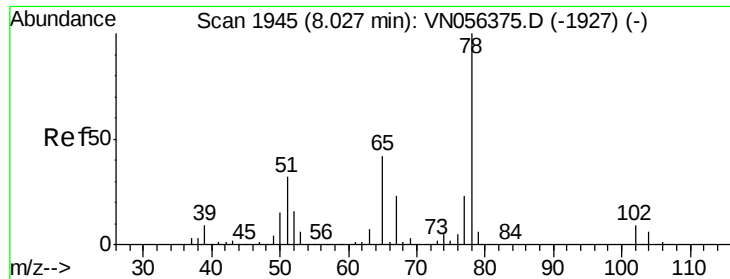
Tot Ion: 76 Resp: 7452
Ion Ratio Lower Upper
76 100
78 12.7 7.1 10.7#



#18
Methyl Acetate
Concen: 1.212 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056393.D
Acq: 20 Jun 2019 11:32

Tgt Ion: 43 Resp: 7970
Ion Ratio Lower Upper
43 100
74 18.7 19.2 28.8#

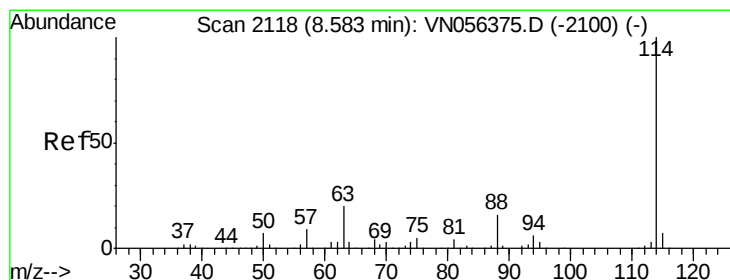
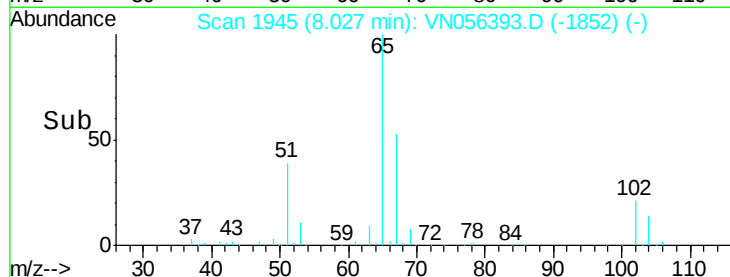
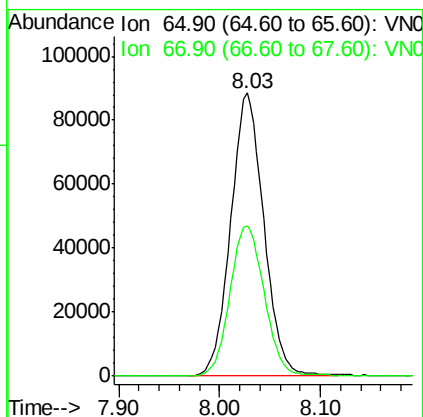
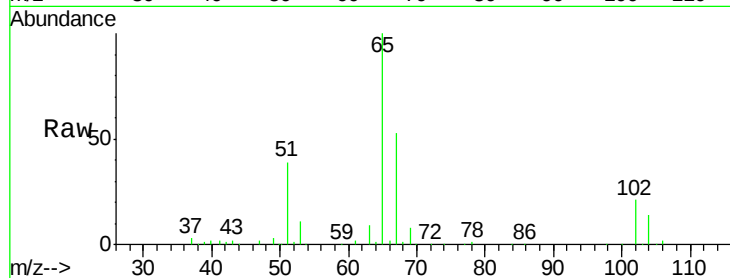




#33
 1,2-Dichloroethane-d4
 Concen: 51.254 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056393.D
 Acq: 20 Jun 2019 11:32

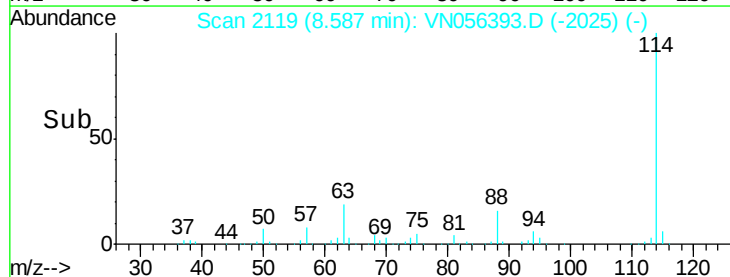
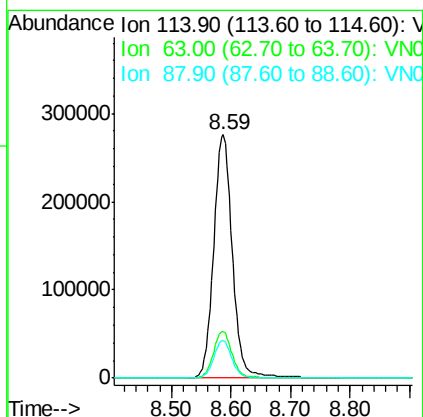
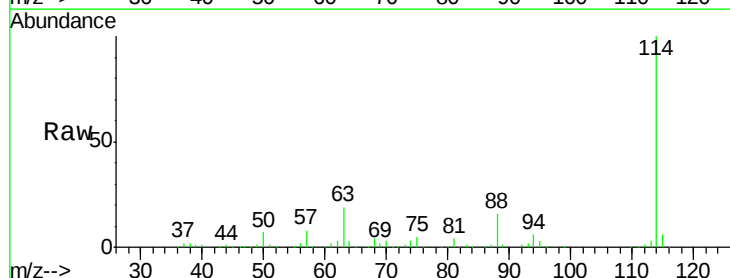
Instrument :
 MSVOA_N
 ClientSampleId :
 30271

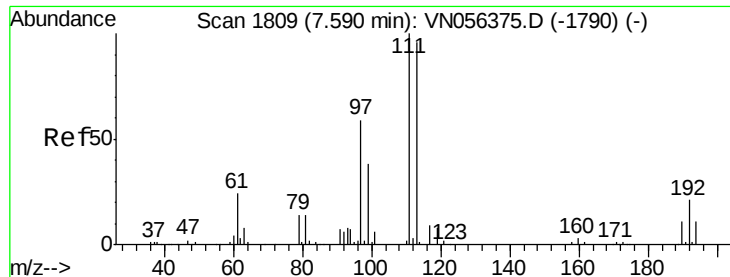
Tot Ion: 65 Resp: 202178
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056393.D
 Acq: 20 Jun 2019 11:32

Tgt Ion: 114 Resp: 601585
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.6 0.0 31.4

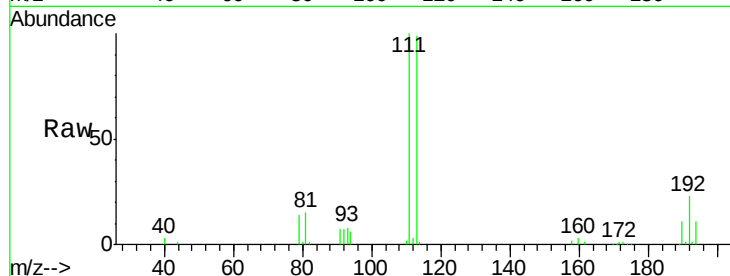




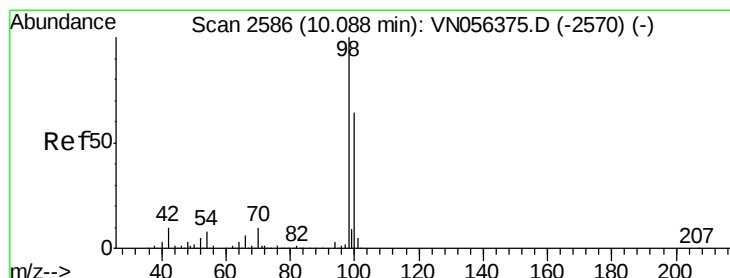
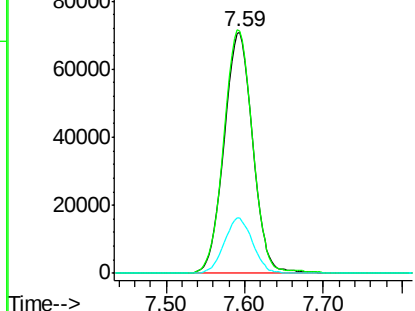
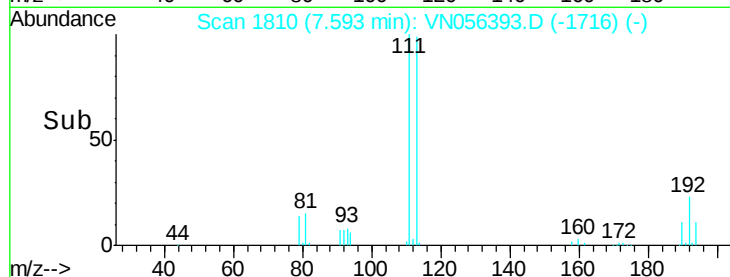
#35
 Dibromofluoromethane
 Concen: 47.474 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056393.D
 Acq: 20 Jun 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 30271

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	22.7	17.7	26.5

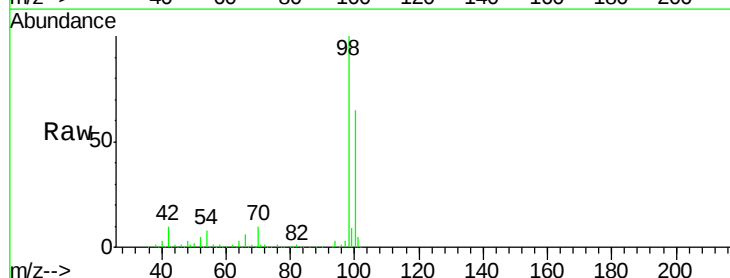


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

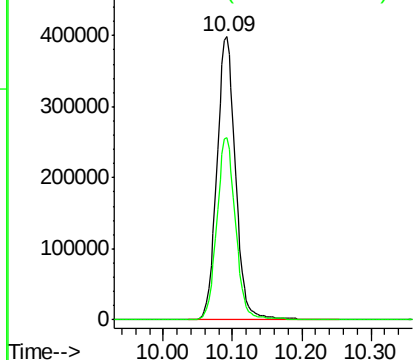
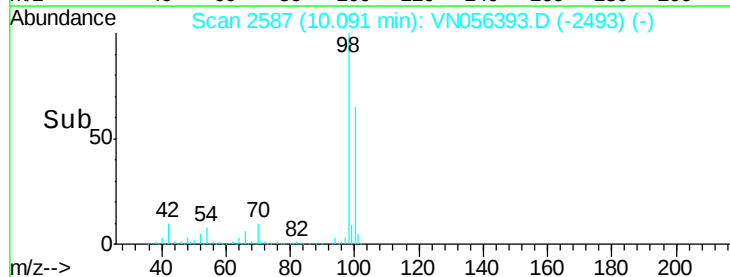


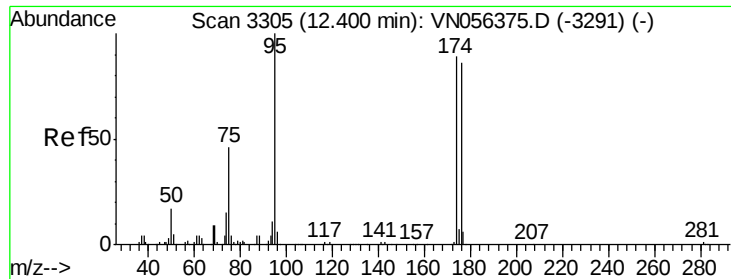
#50
 Toluene-d8
 Concen: 50.898 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056393.D
 Acq: 20 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 52.995 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056393.D

Acq: 20 Jun 2019 11:32

Instrument :

MSVOA_N

ClientSampled :

30271

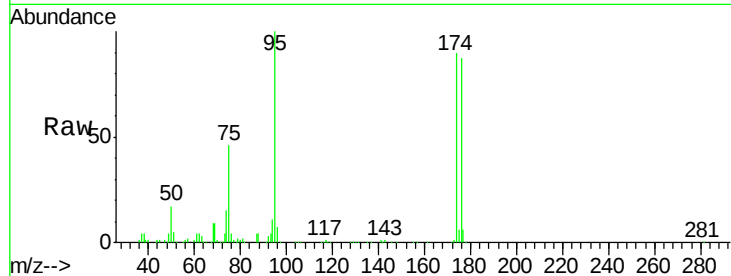
Tot Ion: 95 Resp: 257980

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.4

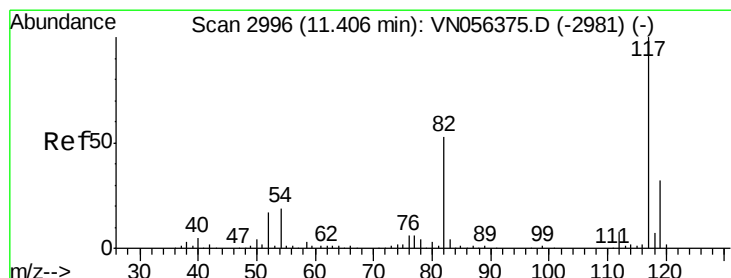
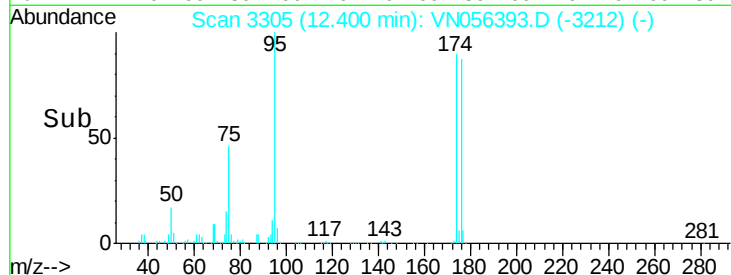
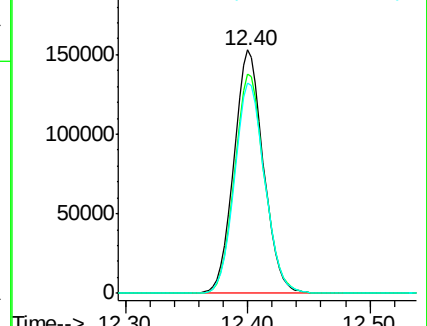
176 88.5 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056393.D

Acq: 20 Jun 2019 11:32

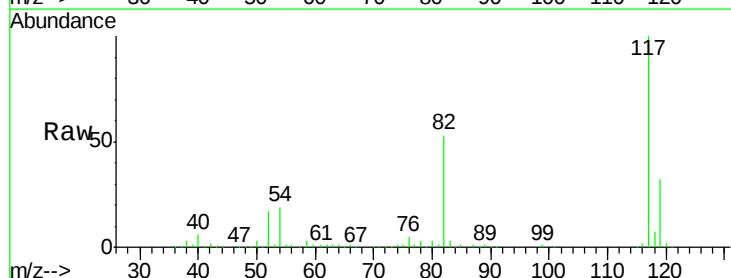
Tgt Ion: 117 Resp: 599270

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

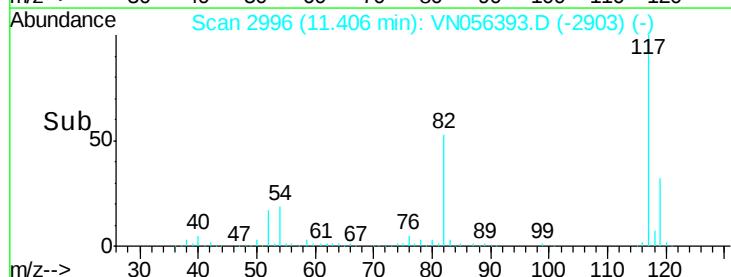
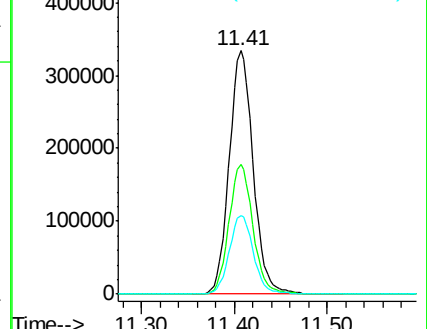
119 32.5 25.3 37.9

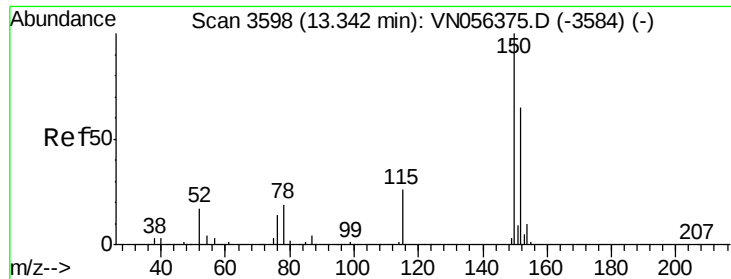


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056393.D

Acq: 20 Jun 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

30271

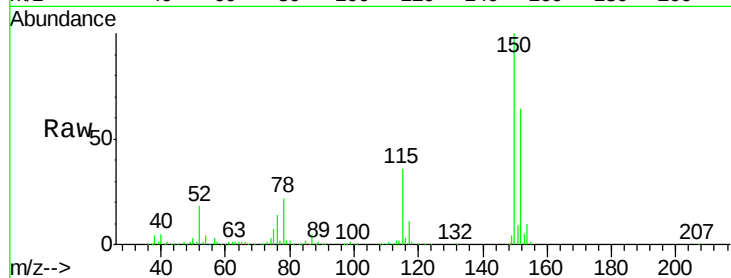
Tot Ion:152 Resp: 224133

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.4

150 156.4 0.0 348.4



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

