

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056741.D
 Acq On : 16 Jul 2019 3:17
 Operator : JC/SP
 Sample : K3814-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC066-SW-190712

Quant Time: Jul 16 05:59:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

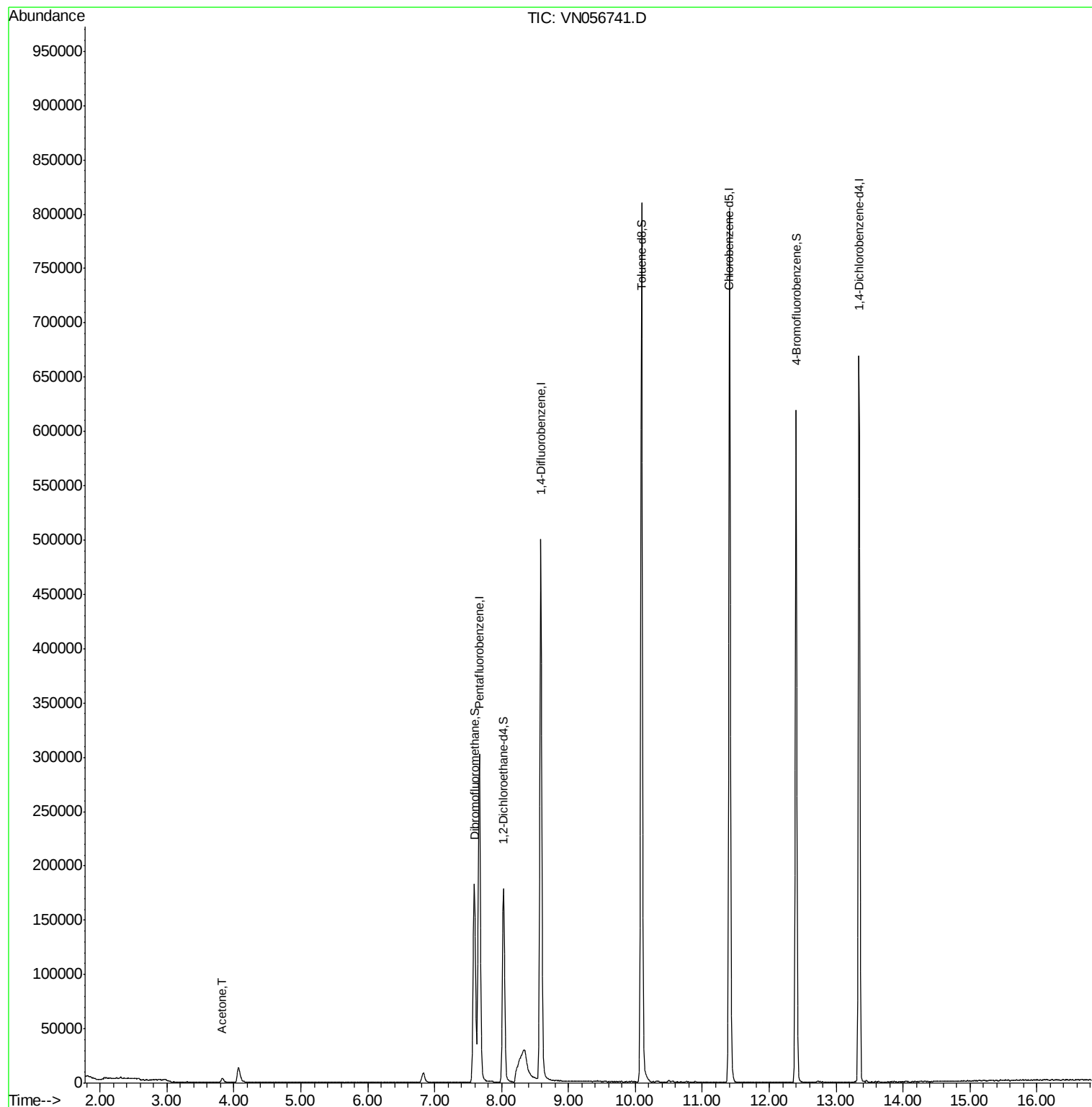
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	268529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	475295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	156219	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
35) Dibromofluoromethane	7.59	113	143800	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.09	98	596995	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.40	95	220817	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
Target Compounds						
16) Acetone	3.83	43	7592	5.547	ug/l	Qvalue 99

(#) = 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# 1834

Delta R.T. 0.01 min

Lab File: VN056741.D

Acq: 16 Jul 2019 3:17

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MSVOA_N

ClientSampleId :

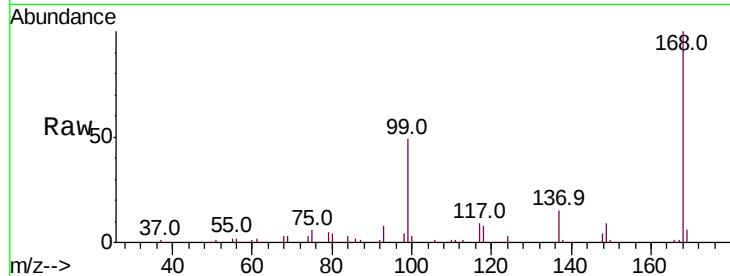
KY030LC066-SW-190712

Tot Ion:168 Resp: 268529

Ion Ratio Lower Upper

168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

120000

100000

80000

60000

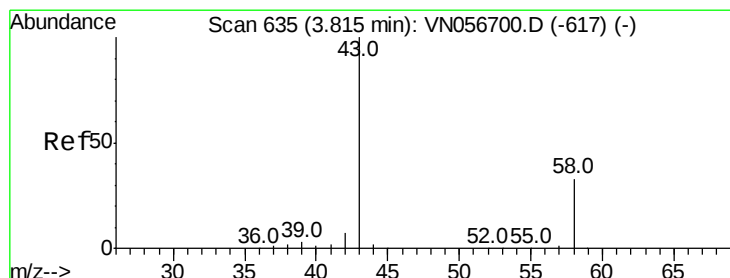
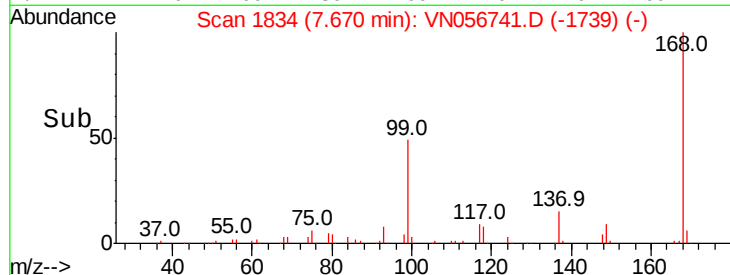
40000

20000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 5.547 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056741.D

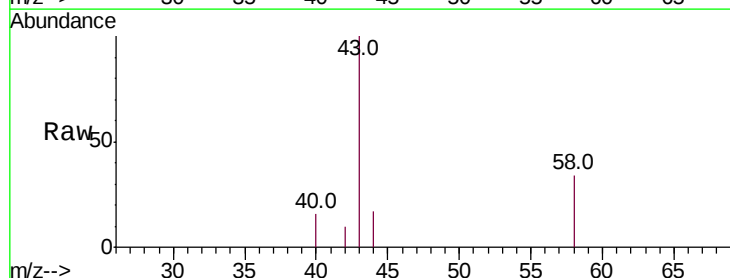
Acq: 16 Jul 2019 3:17

Tgt Ion: 43 Resp: 7592

Ion Ratio Lower Upper

43 100

58 33.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3000

2500

2000

1500

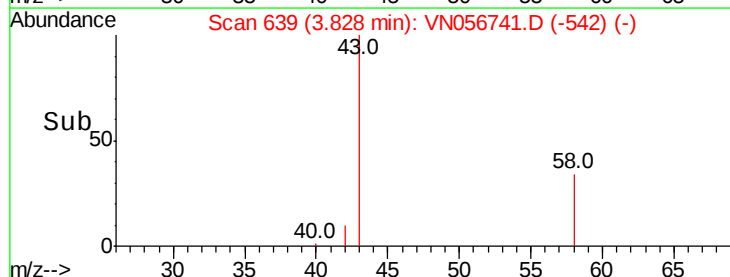
1000

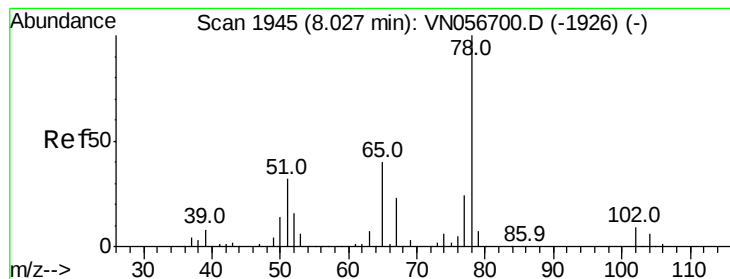
500

0

Time-->

3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 52.594 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN056741.D

Acq: 16 Jul 2019 3:17

Instrument :

MSVOA_N

ClientSampleId :

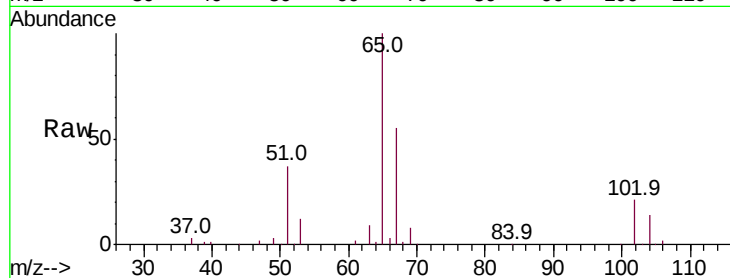
KY030LC066-SW-190712

Tot Ion: 65 Resp: 156219

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056700.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN056700.D (-1926) (-)

8.03

60000

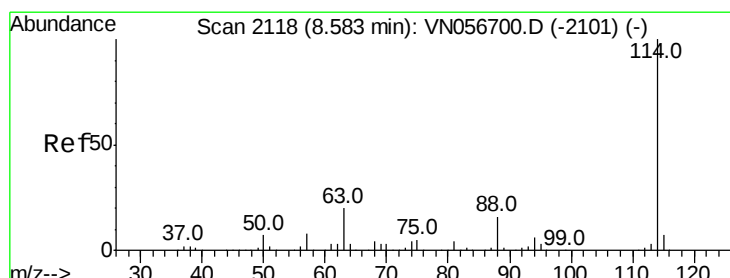
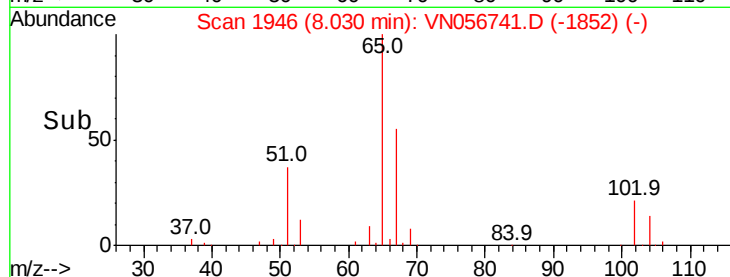
40000

20000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056741.D

Acq: 16 Jul 2019 3:17

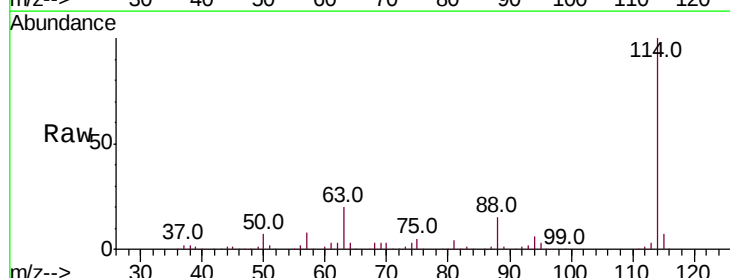
Tgt Ion: 114 Resp: 475295

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN056700.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN056700.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN056700.D (-2101) (-)

8.59

300000

250000

200000

150000

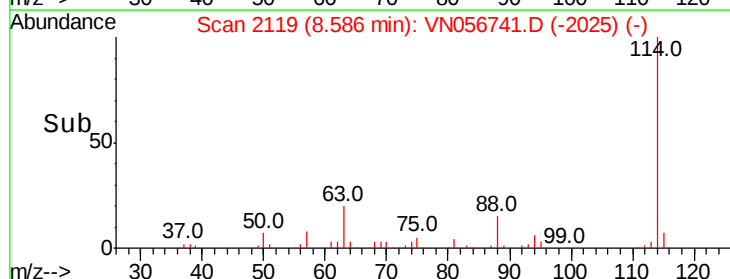
100000

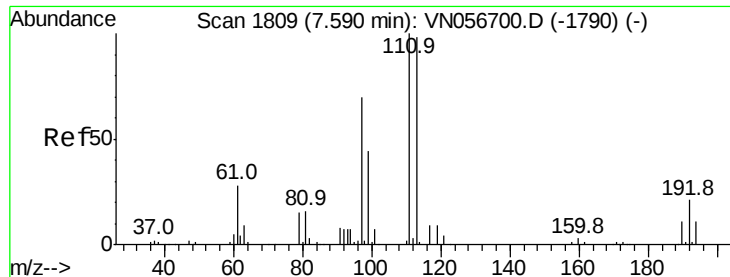
50000

0

Time-->

8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 48.616 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056741.D

Acq: 16 Jul 2019 3:17

Instrument :

MSVOA_N

ClientSampleId :

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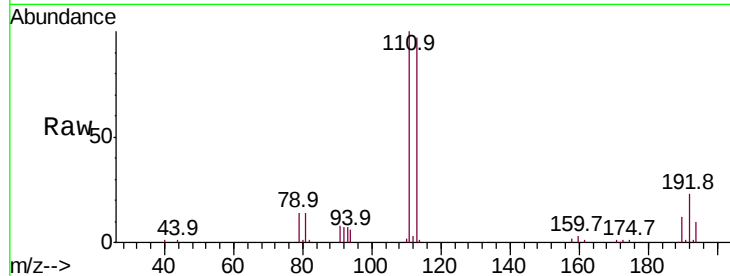
Tot Ion:113 Resp: 143800

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

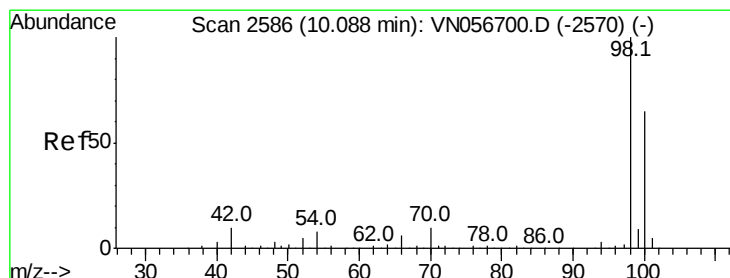
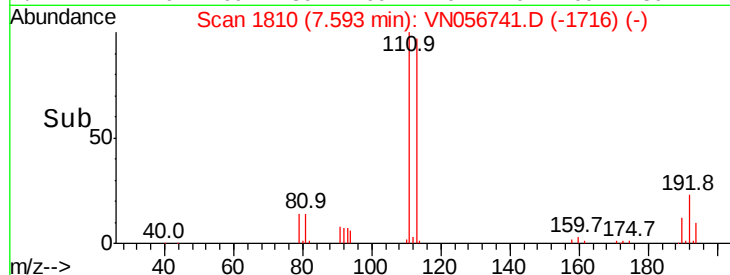
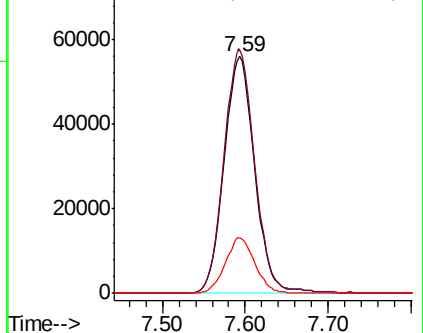
192 22.7 17.5 26.3



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: 52.258 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056741.D

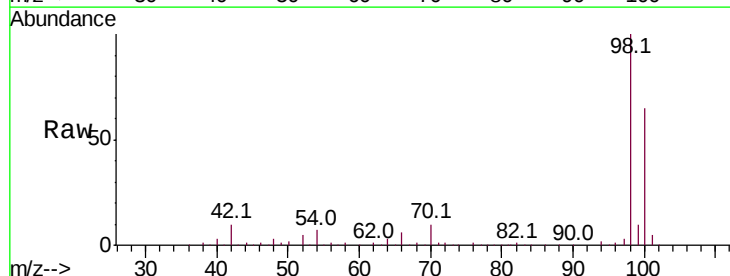
Acq: 16 Jul 2019 3:17

Tgt Ion: 98 Resp: 596995

Ion Ratio Lower Upper

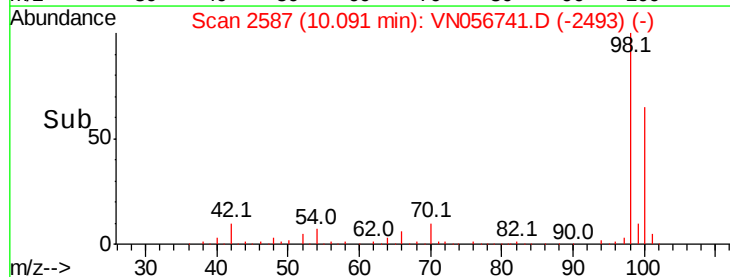
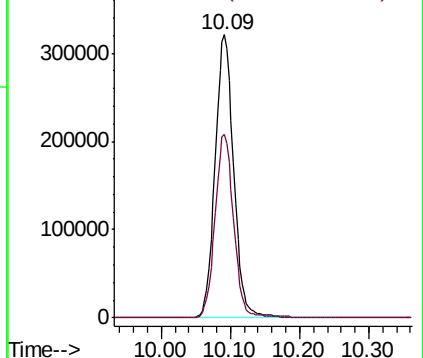
98 100

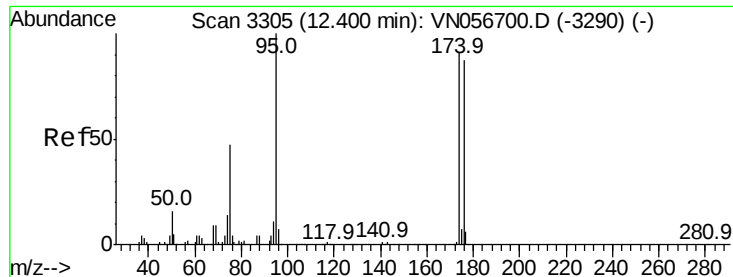
100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

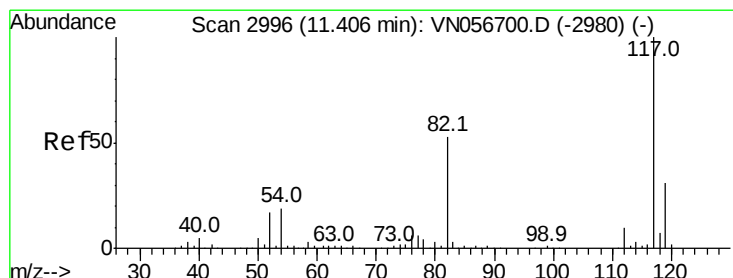
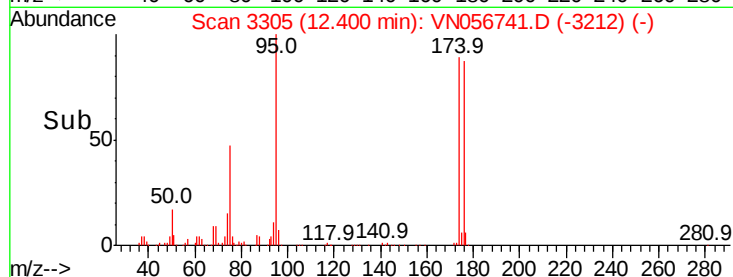
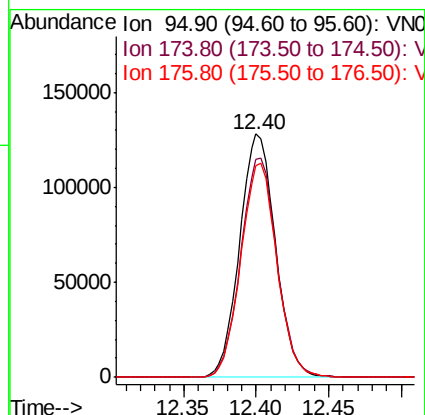
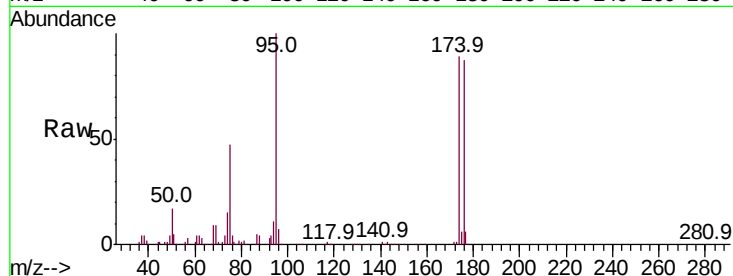




#62
4-Bromofluorobenzene
Concen: 57.317 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056741.D
Acq: 16 Jul 2019 3:17

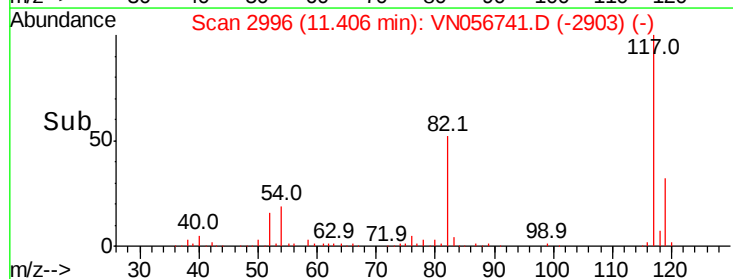
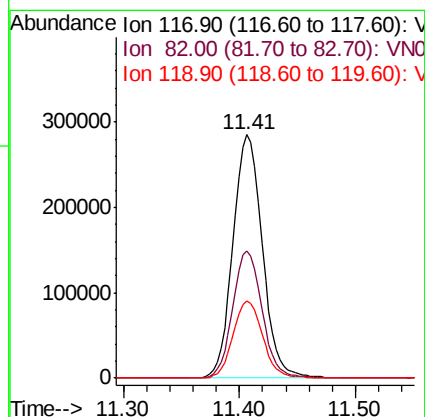
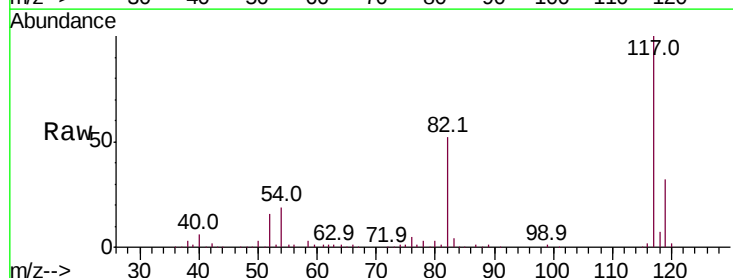
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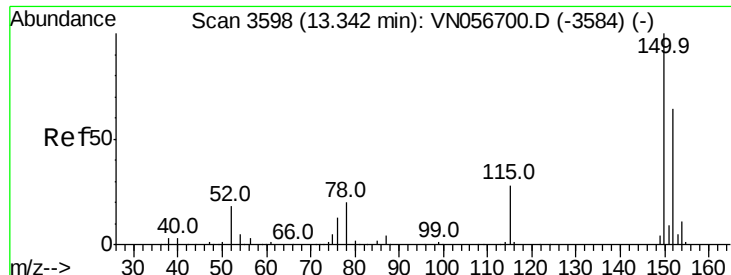
Tot Ion: 95 Resp: 220817
Ion Ratio Lower Upper
95 100
174 91.1 0.0 180.0
176 88.3 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056741.D
Acq: 16 Jul 2019 3:17

Tgt Ion: 117 Resp: 501727
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 31.8 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056741.D

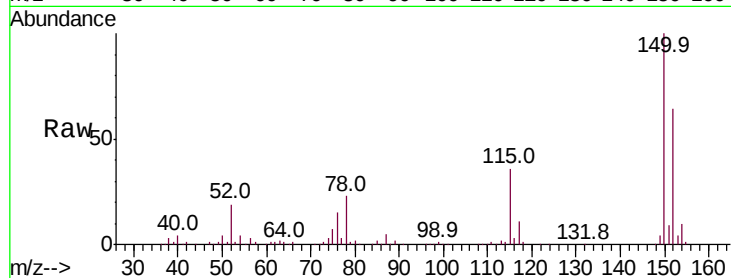
Acq: 16 Jul 2019 3:17

Instrument :

MSVOA_N

ClientSampleId :

KY030LC066-SW-190712



Tot Ion:152 Resp: 198809

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 156.1 0.0 345.8

