

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056742.D
 Acq On : 16 Jul 2019 3:40
 Operator : JC/SP
 Sample : K3620-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-071219-C

Quant Time: Jul 16 06:01:37 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

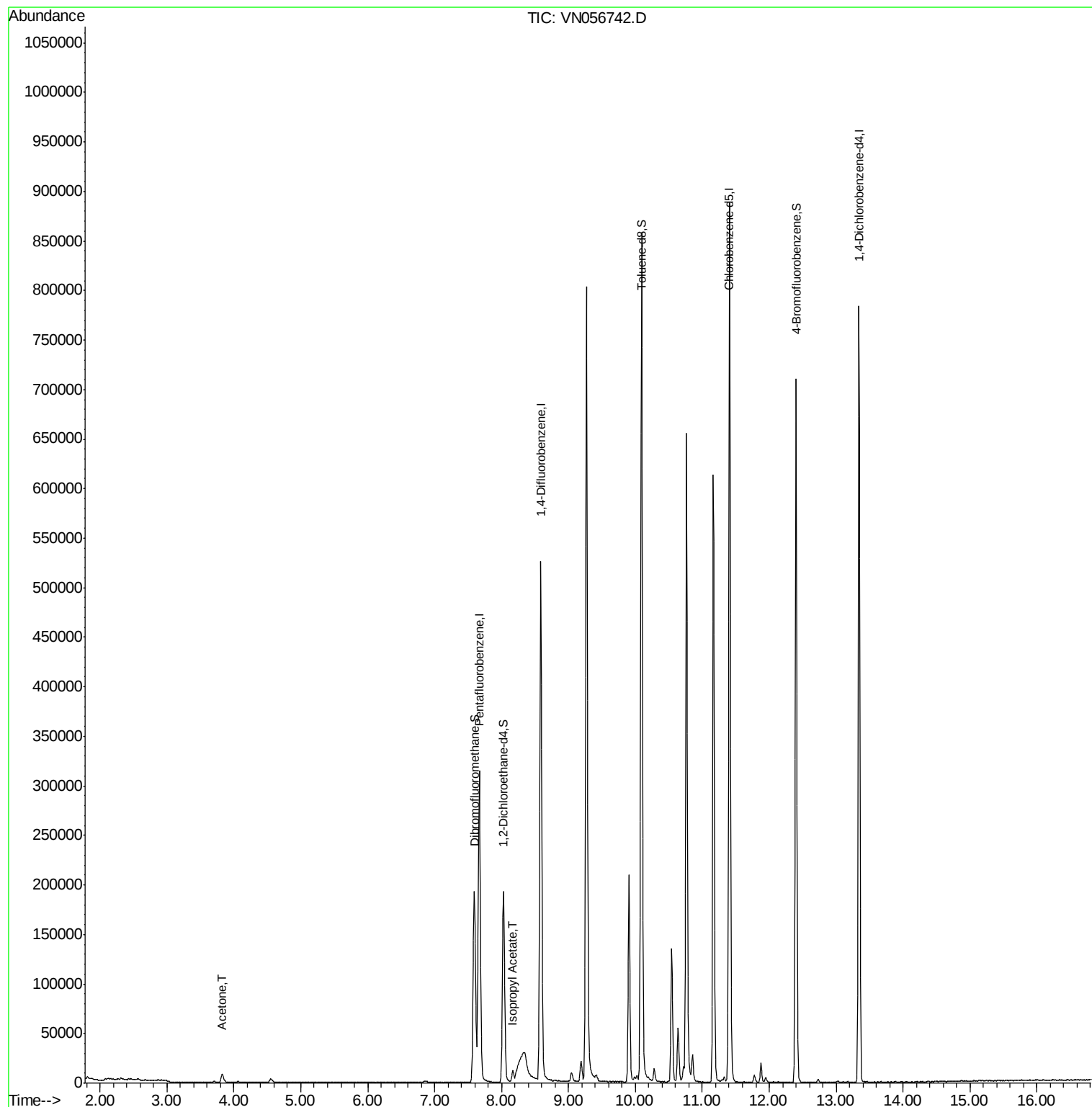
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	278246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	504595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	550687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	164808	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
35) Dibromofluoromethane	7.59	113	152532	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	646163	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.40	95	249587	61.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.04%	
Target Compounds						
16) Acetone	3.82	43	15556	10.968	ug/l	94
43) Isopropyl Acetate	8.17	43	13813	1.909	ug/l #	92

(#) = 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: VN056742.D

Acq: 16 Jul 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

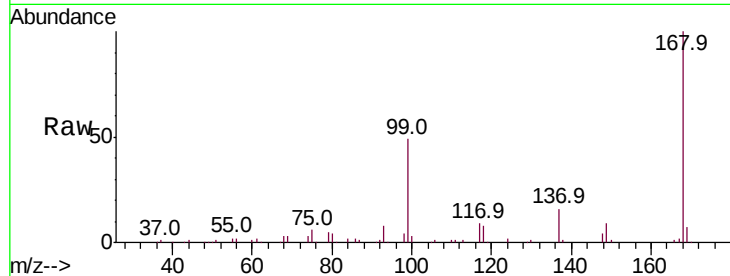
CL-01-071219-C

Tot Ion:168 Resp: 278246

Ion Ratio Lower Upper

168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056742.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056742.D (-1739) (-)

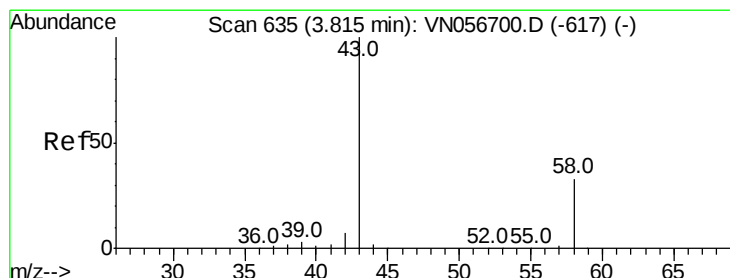
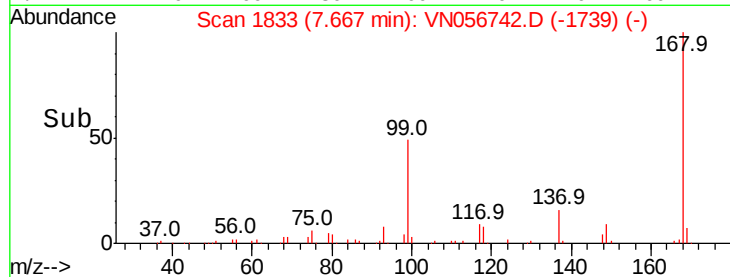
7.67

100000

50000

0

Time-->



#16

Acetone

Concen: 10.968 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056742.D

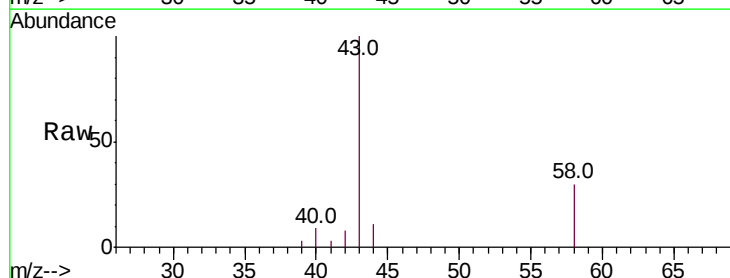
Acq: 16 Jul 2019 3:40

Tgt Ion: 43 Resp: 15556

Ion Ratio Lower Upper

43 100

58 29.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056742.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056742.D (-542) (-)

3.82

6000

5000

4000

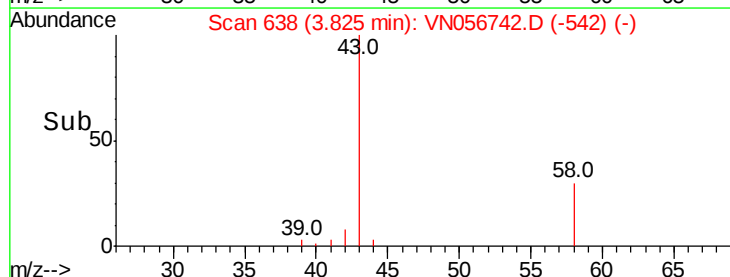
3000

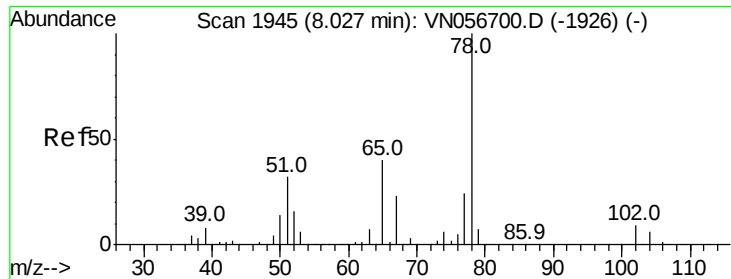
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.548 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN056742.D

Acq: 16 Jul 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

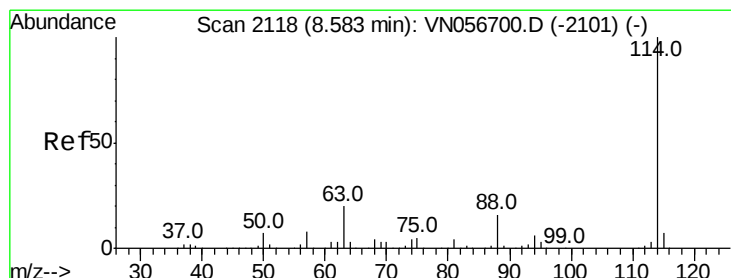
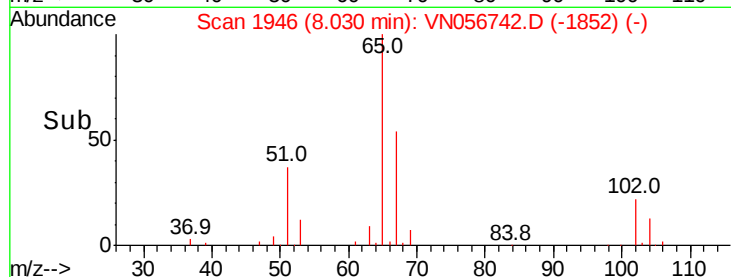
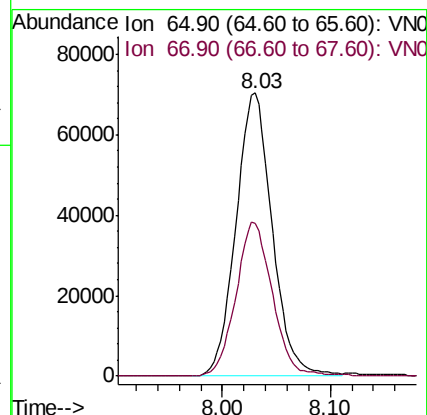
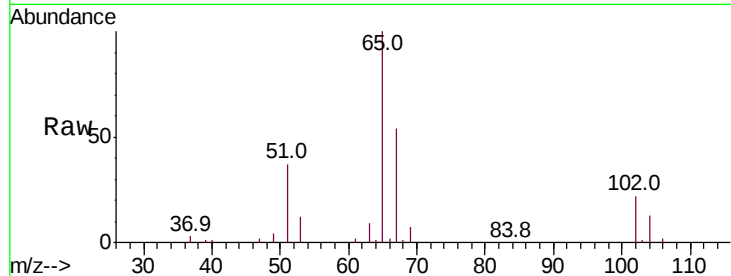
CL-01-071219-C

Tot Ion: 65 Resp: 164808

Ion Ratio Lower Upper

65 100

67 54.7 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: VN056742.D

Acq: 16 Jul 2019 3:40

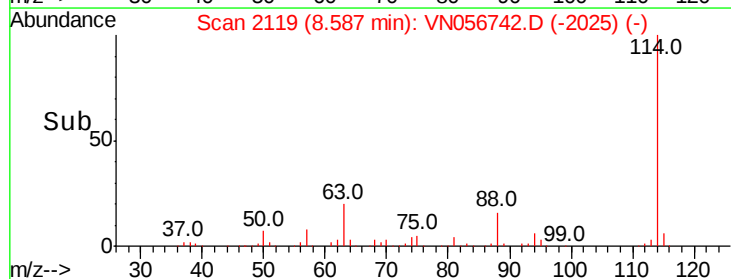
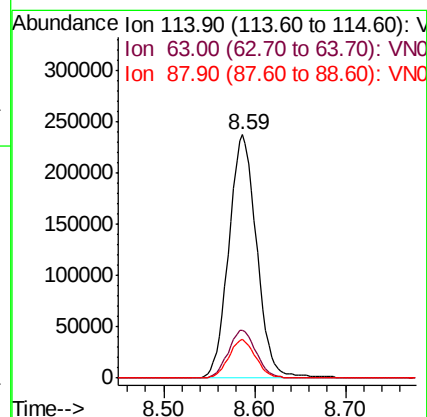
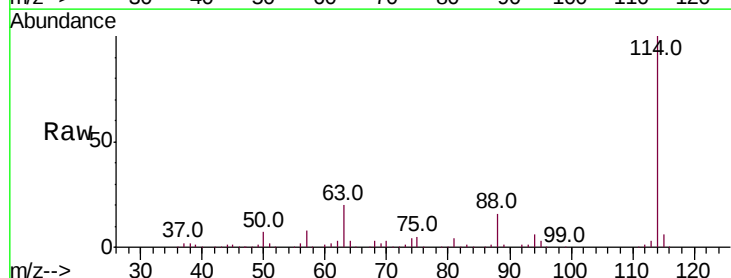
Tgt Ion: 114 Resp: 504595

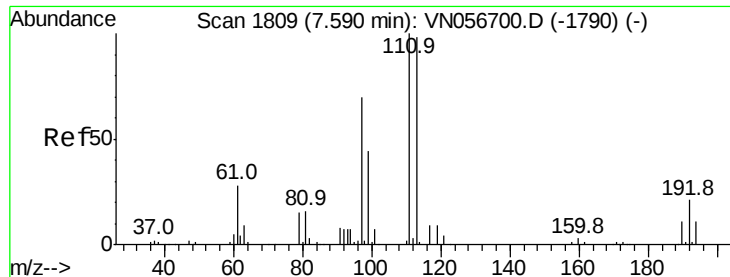
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.8 0.0 31.2

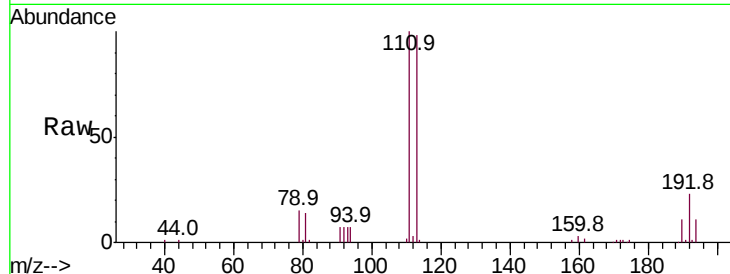




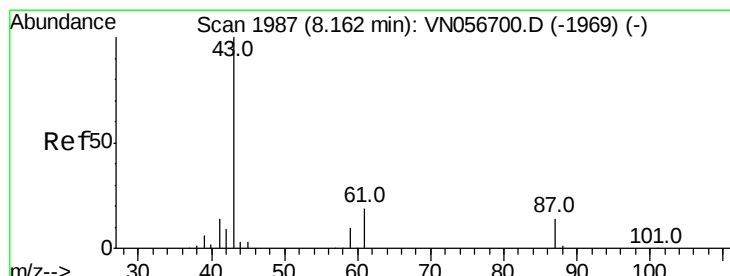
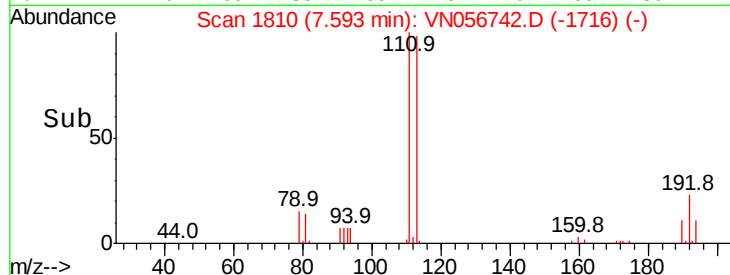
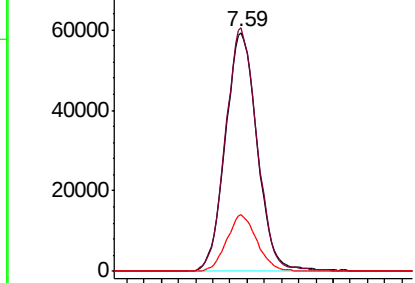
#35
 Dibromofluoromethane
 Concen: 48.574 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056742.D
 Acq: 16 Jul 2019 3:40

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-071219-C

Tot Ion:113 Resp: 152532
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.8 122.6
 192 22.6 17.5 26.3

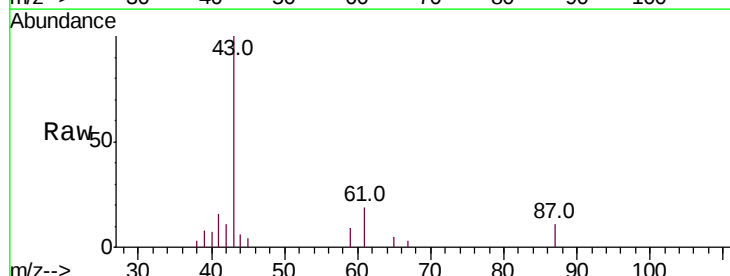


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

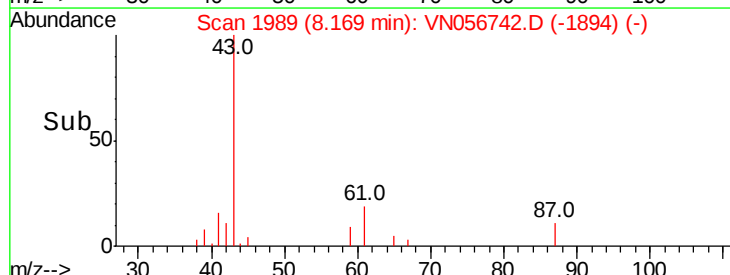
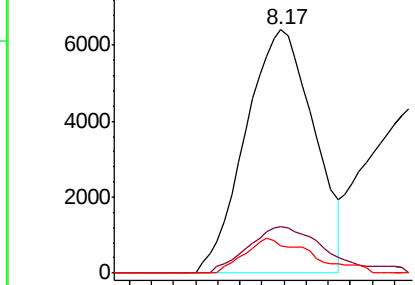


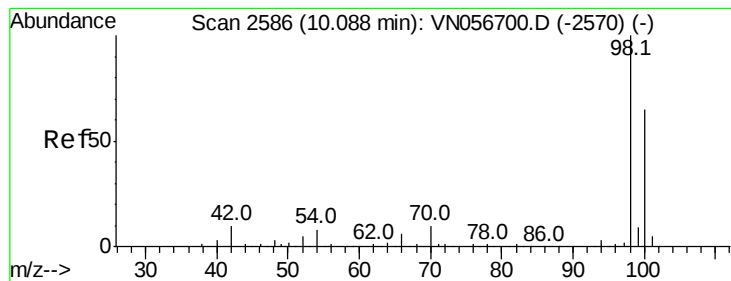
#43
 Isopropyl Acetate
 Concen: 1.909 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN056742.D
 Acq: 16 Jul 2019 3:40

Tgt Ion: 43 Resp: 13813
 Ion Ratio Lower Upper
 43 100
 61 21.8 22.3 33.5#
 87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 53.278 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056742.D

Acq: 16 Jul 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

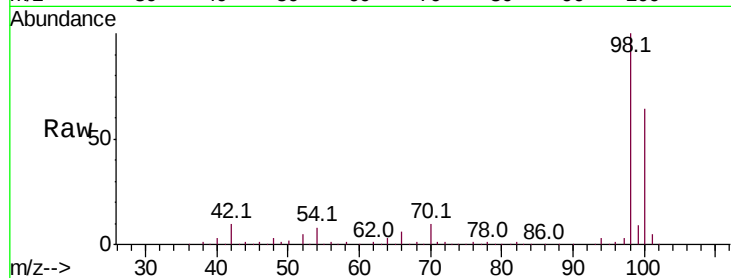
CL-01-071219-C

Tot Ion: 98 Resp: 646163

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

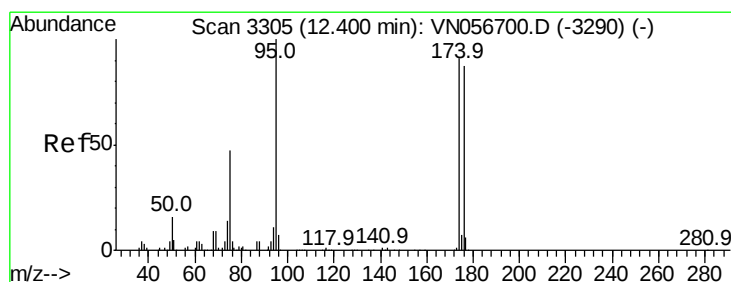
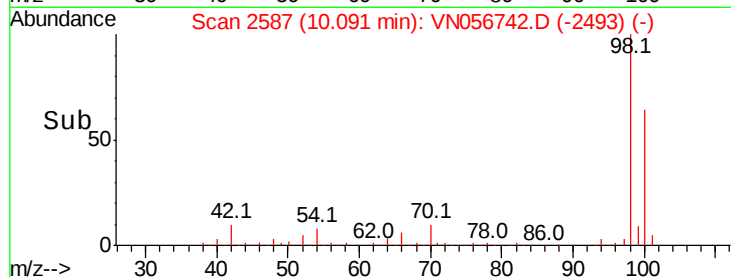
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 61.023 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056742.D

Acq: 16 Jul 2019 3:40

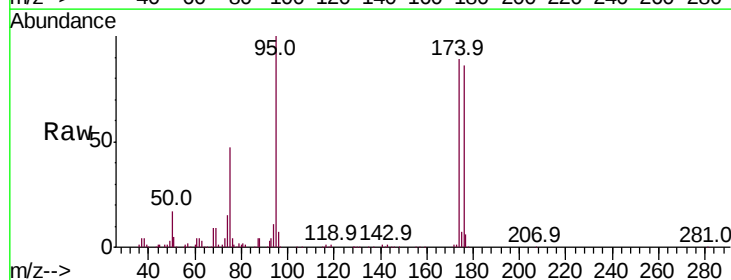
Tgt Ion: 95 Resp: 249587

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

176 85.8 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

12.40

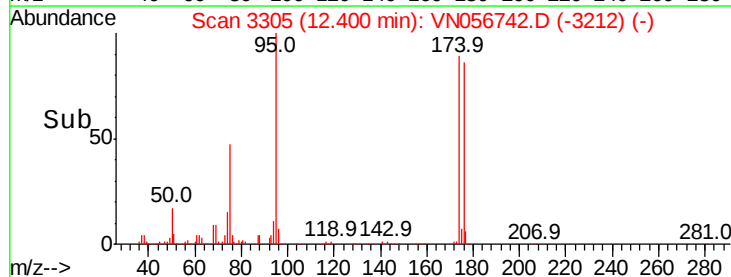
150000

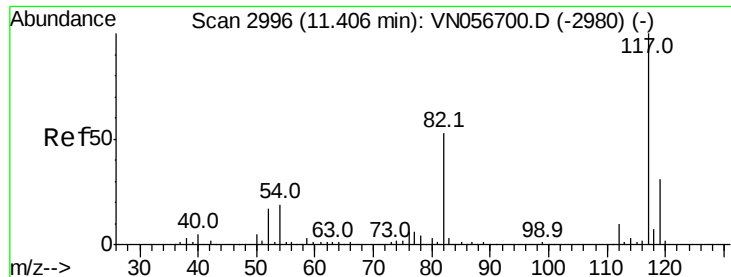
100000

50000

0

Time-->

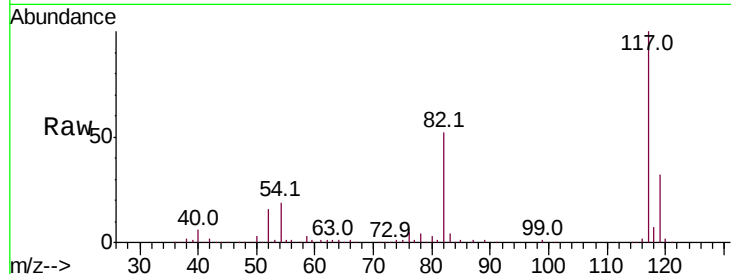




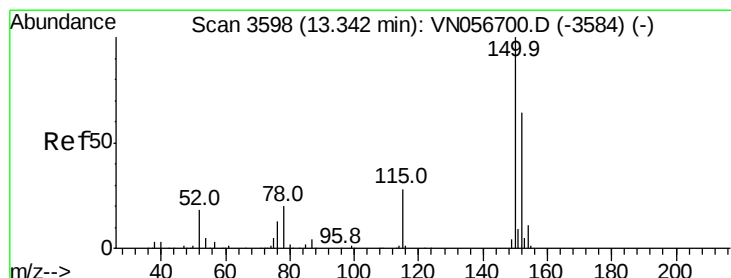
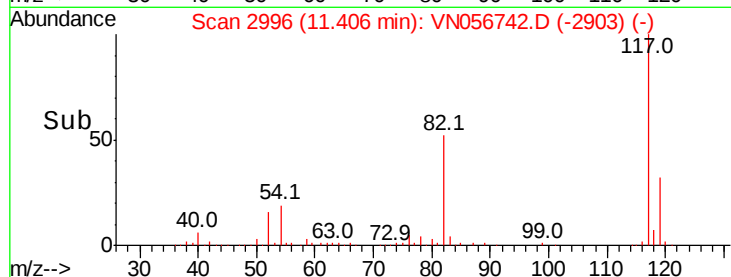
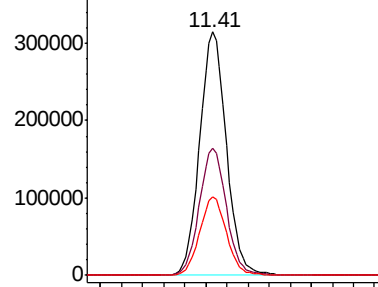
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056742.D
Acq: 16 Jul 2019 3:40

Instrument :
MSVOA_N
ClientSampleId :
CL-01-071219-C

Tot Ion:117 Resp: 550687
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.1 25.2 37.8

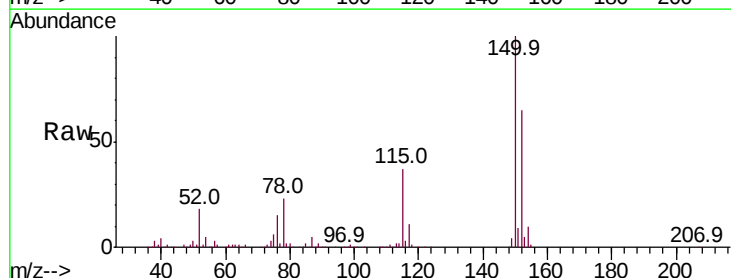


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056742.D
Acq: 16 Jul 2019 3:40

Tgt Ion:152 Resp: 227851
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 156.3 0.0 345.8



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

