

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056774.D
 Acq On : 16 Jul 2019 17:19
 Operator : JC/SP
 Sample : PB121398ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#11

Quant Time: Jul 17 02:26:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

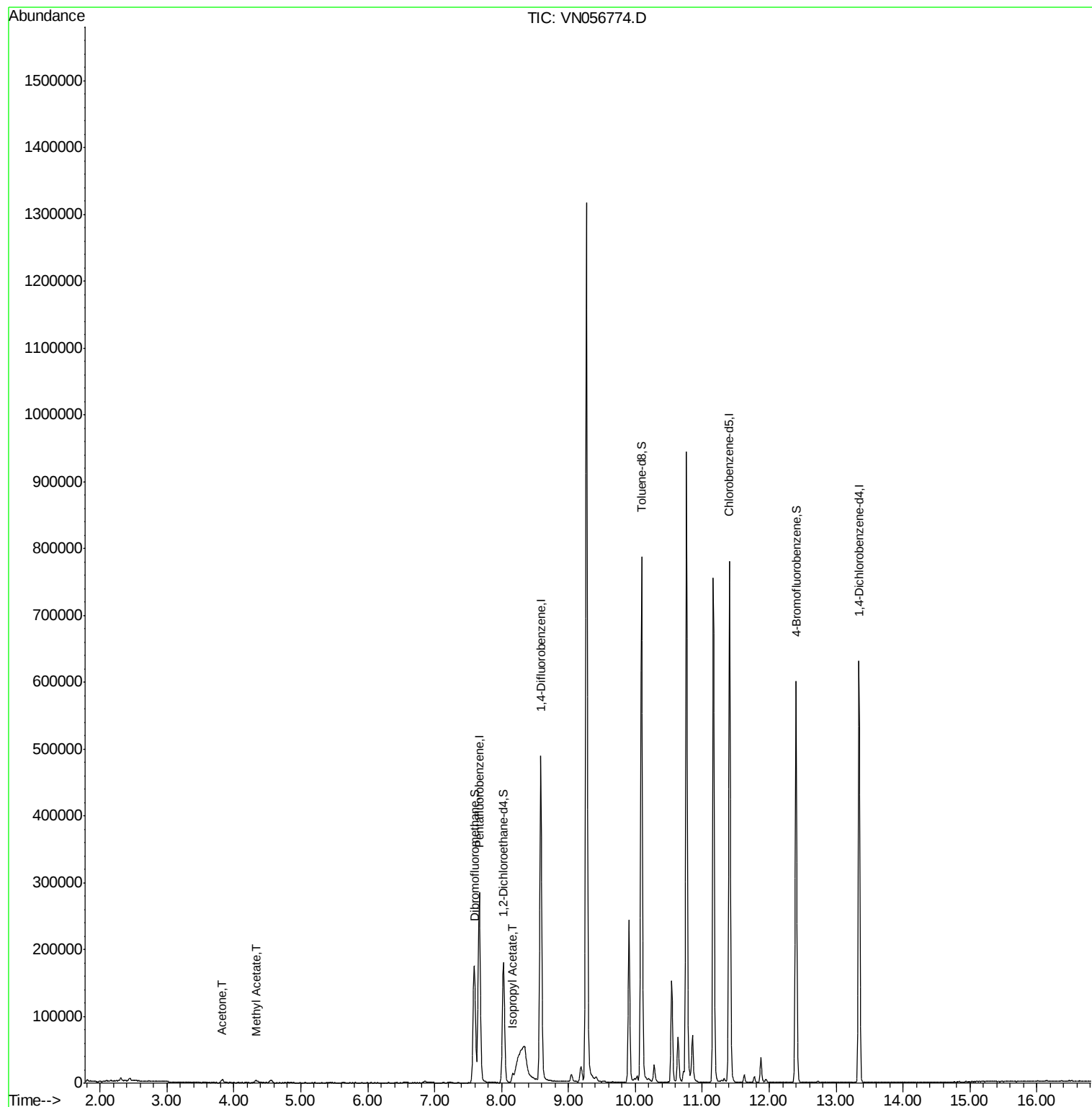
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	257300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	461559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	153295	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.59	113	138156	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.09	98	579067	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	215824	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
Target Compounds						
16) Acetone	3.83	43	8775	6.691	ug/l	99
18) Methyl Acetate	4.33	43	7106	1.467	ug/l #	81
43) Isopropyl Acetate	8.17	43	15450	2.335	ug/l	96

(#) = 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

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MSVOA_N

ClientSampleId :

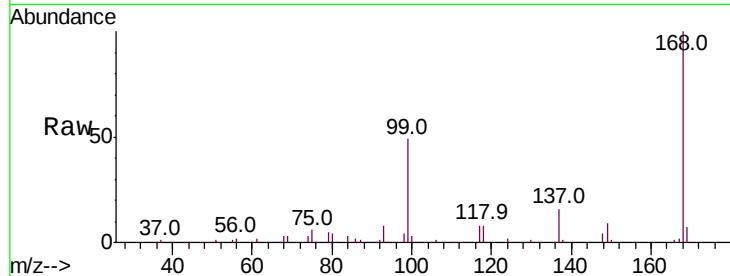
PB121398ZHE#11

Tot Ion:168 Resp: 257300

Ion Ratio Lower Upper

168 100

99 49.3 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

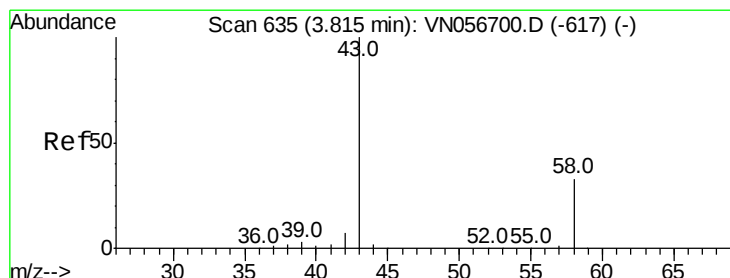
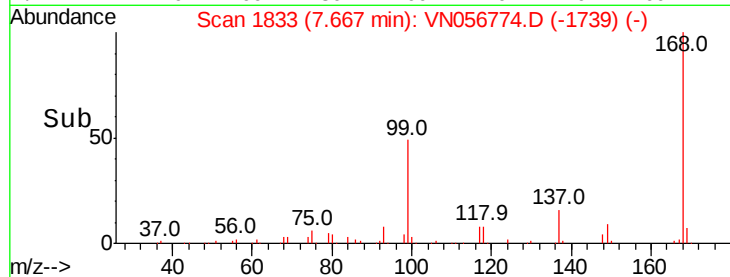
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.691 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056774.D

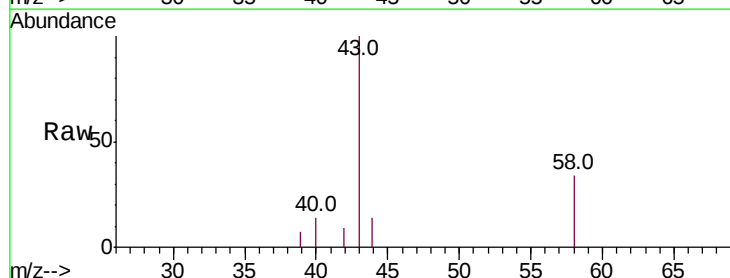
Acq: 16 Jul 2019 17:19

Tgt Ion: 43 Resp: 8775

Ion Ratio Lower Upper

43 100

58 33.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

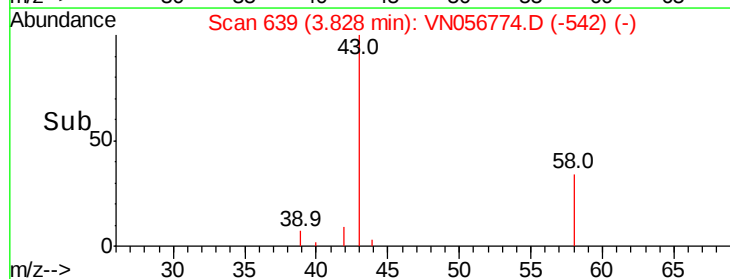
3000

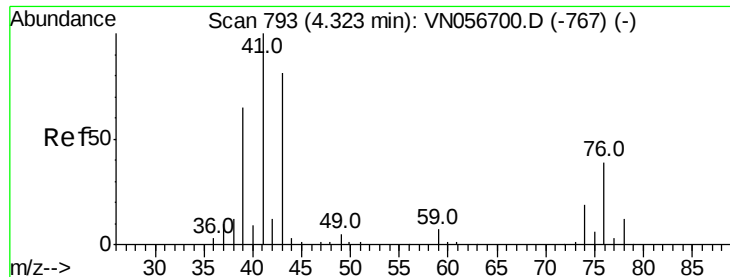
2000

1000

0

Time-->

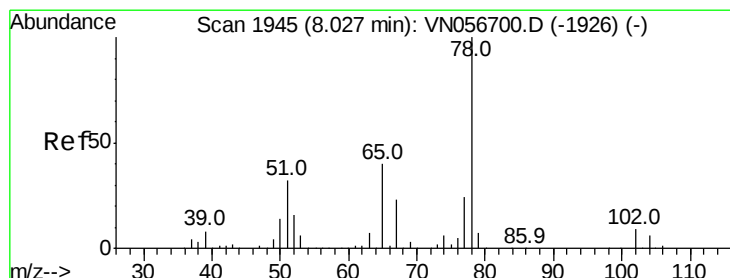
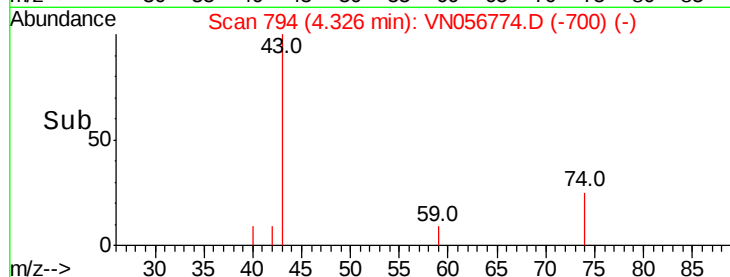
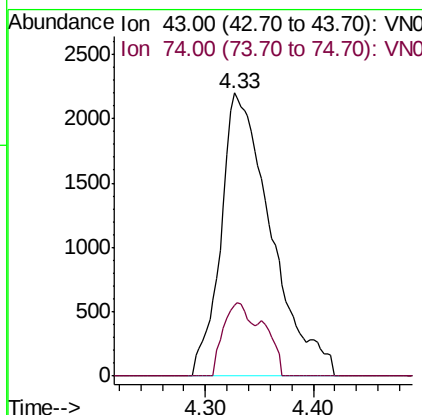
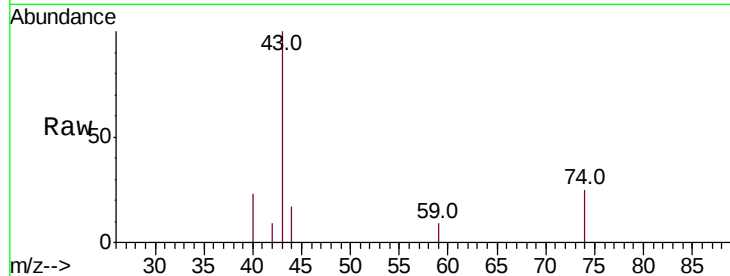




#18
Methvl Acetate
Concen: 1.467 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056774.D
Acq: 16 Jul 2019 17:19

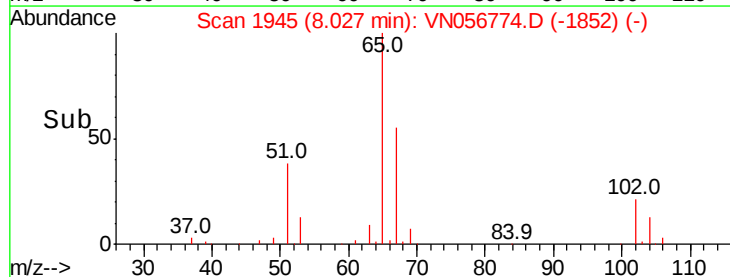
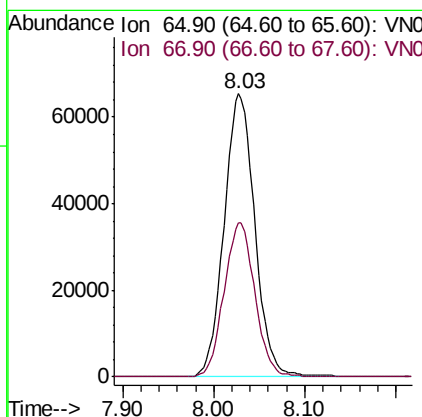
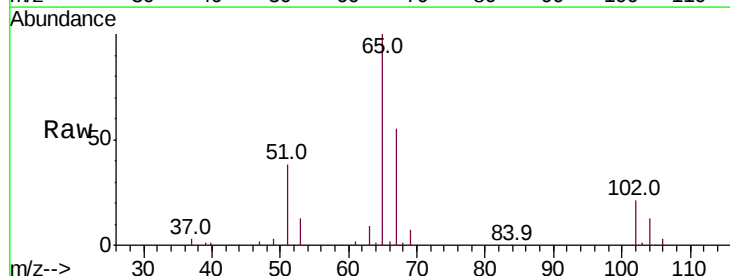
Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#11

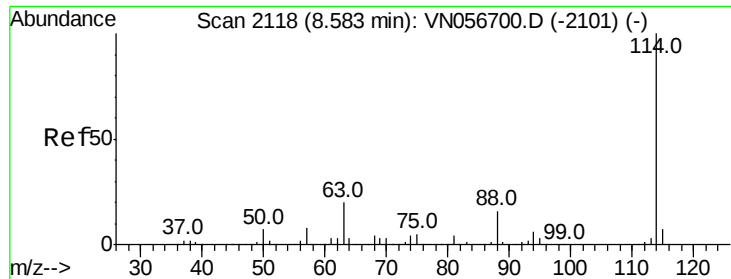
Tot Ion: 43 Resp: 7106
Ion Ratio Lower Upper
43 100
74 14.2 18.9 28.3#



#33
1,2-Dichloroethane-d4
Concen: 53.862 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056774.D
Acq: 16 Jul 2019 17:19

Tgt Ion: 65 Resp: 153295
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0

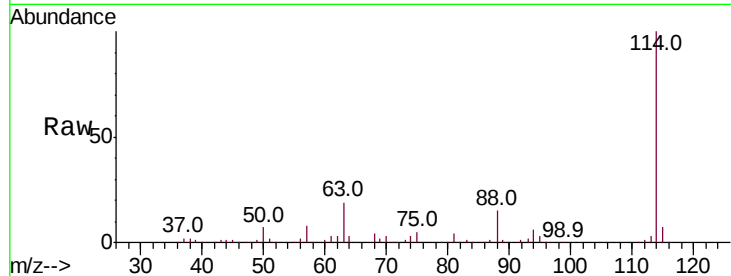




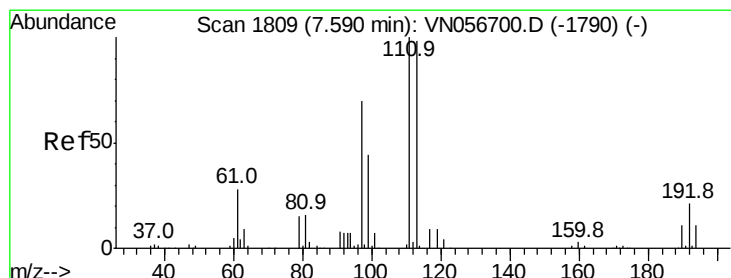
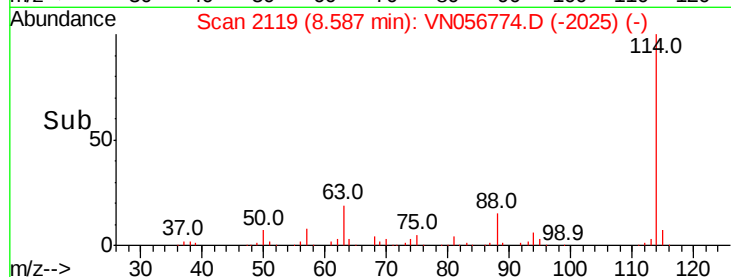
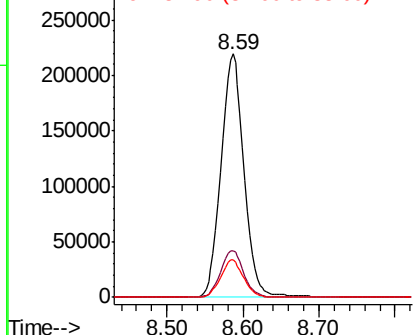
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056774.D
 Acq: 16 Jul 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#11

Tot Ion:	114	Resp:	461559
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.4
88	15.2	0.0	31.2

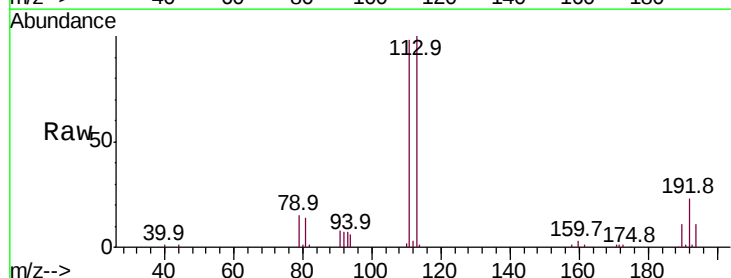


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

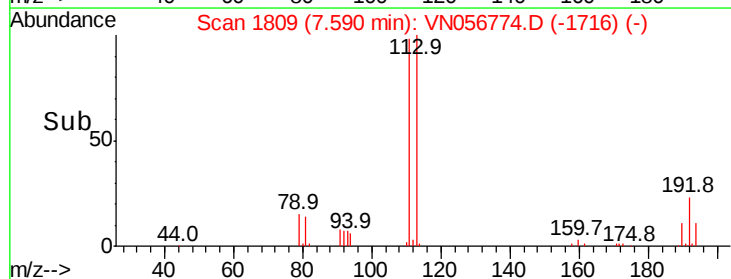
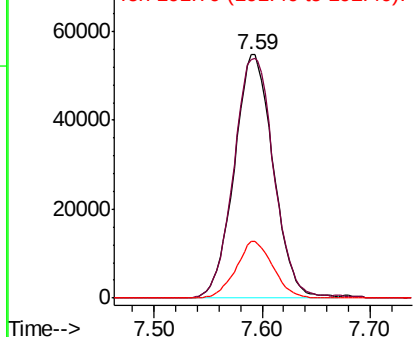


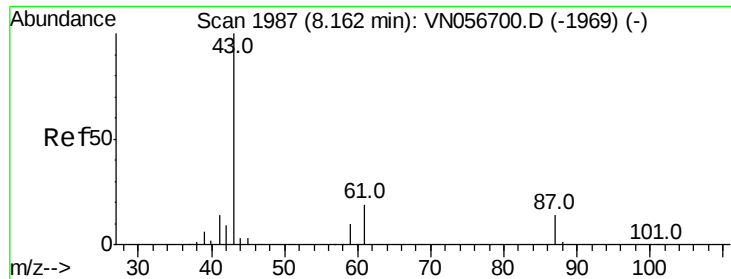
#35
 Dibromofluoromethane
 Concen: 48.098 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056774.D
 Acq: 16 Jul 2019 17:19

Tgt Ion:	113	Resp:	138156
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	22.1	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: 2.335 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056774.D

Acq: 16 Jul 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#11

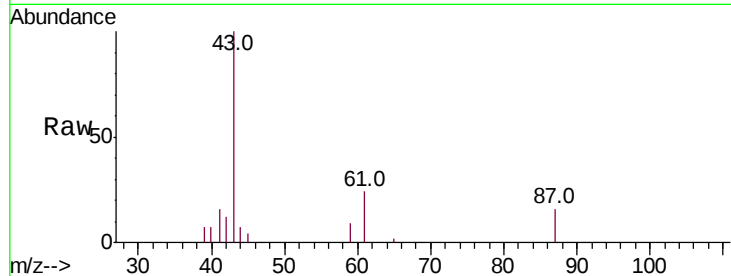
Tot Ion: 43 Resp: 15450

Ion Ratio Lower Upper

43 100

61 25.8 22.3 33.5

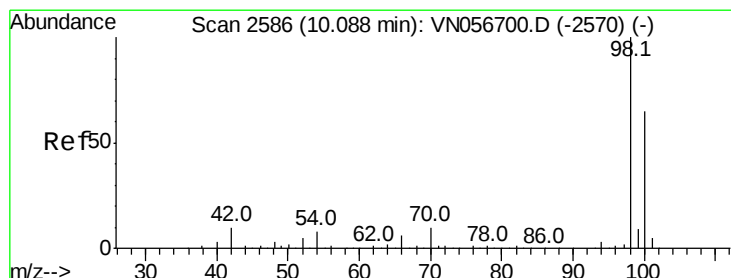
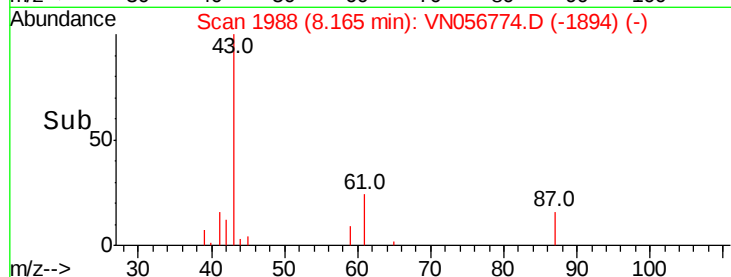
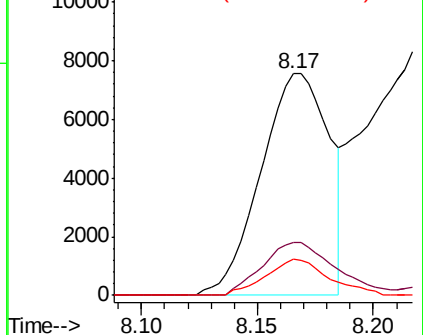
87 15.2 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.197 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056774.D

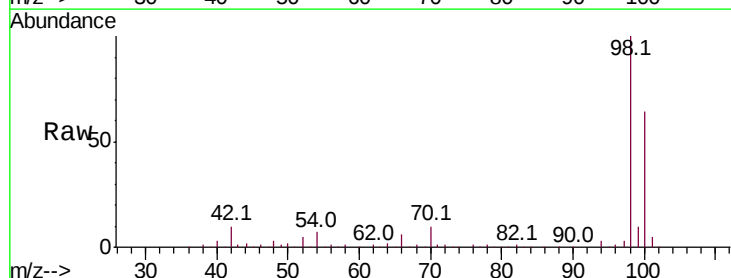
Acq: 16 Jul 2019 17:19

Tgt Ion: 98 Resp: 579067

Ion Ratio Lower Upper

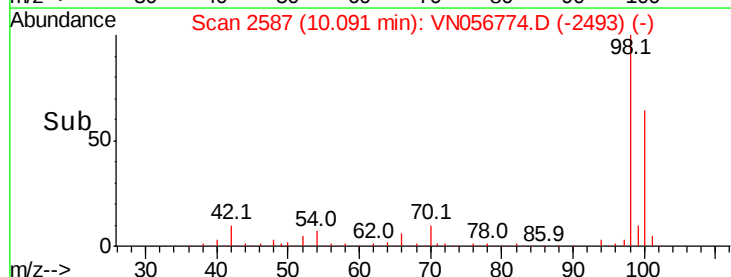
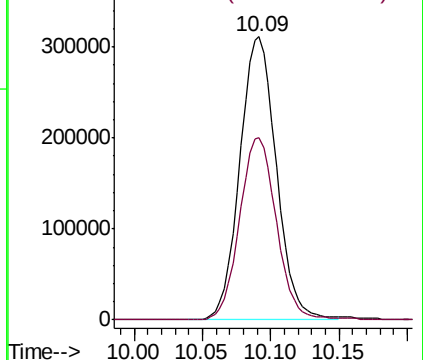
98 100

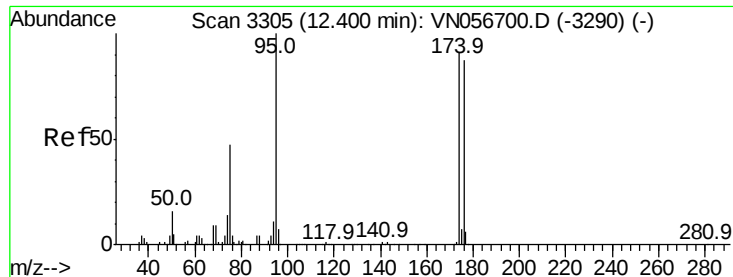
100 65.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.688 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056774.D

Acq: 16 Jul 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#11

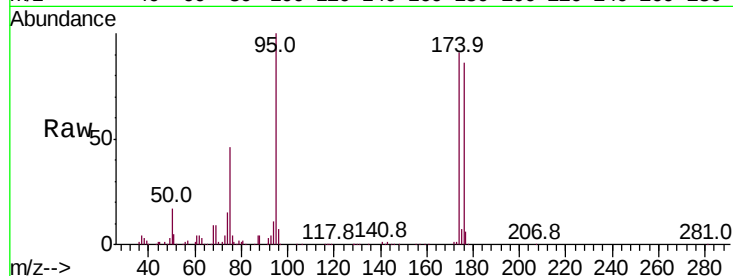
Tot Ion: 95 Resp: 215824

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.0

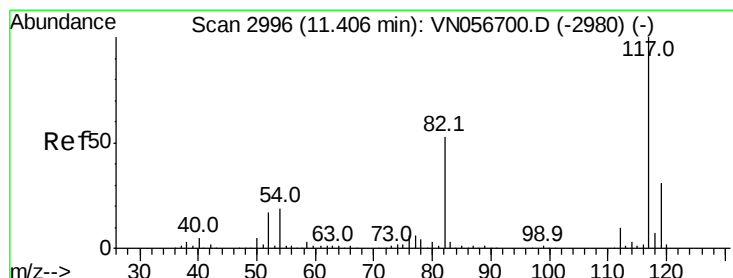
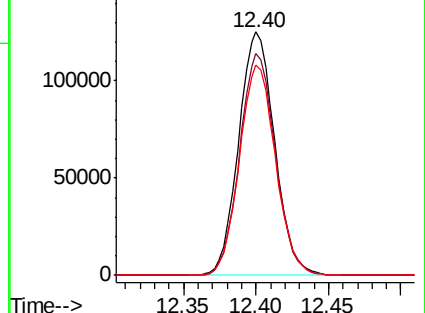
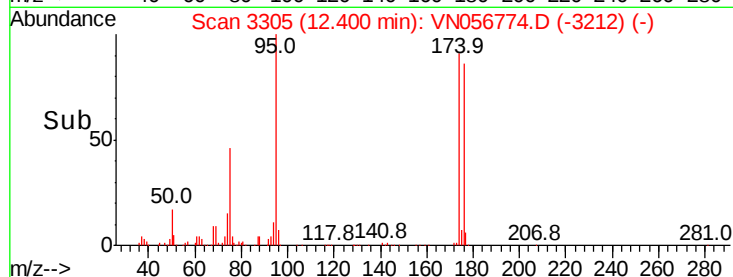
176 86.8 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056774.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056774.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056774.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056774.D

Acq: 16 Jul 2019 17:19

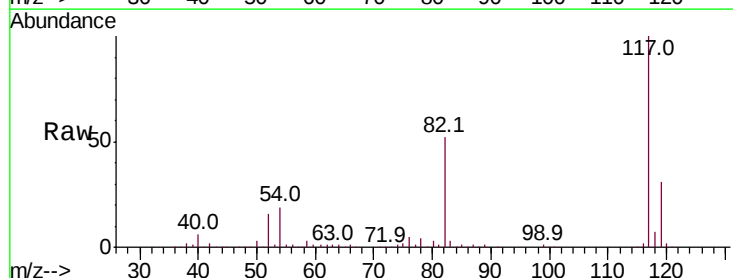
Tgt Ion: 117 Resp: 499411

Ion Ratio Lower Upper

117 100

82 51.9 42.2 63.2

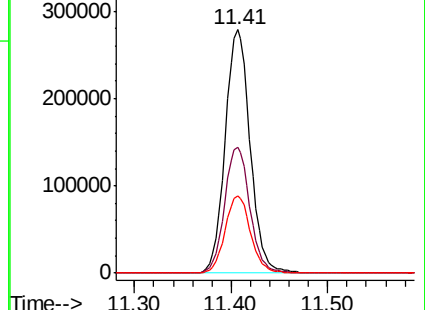
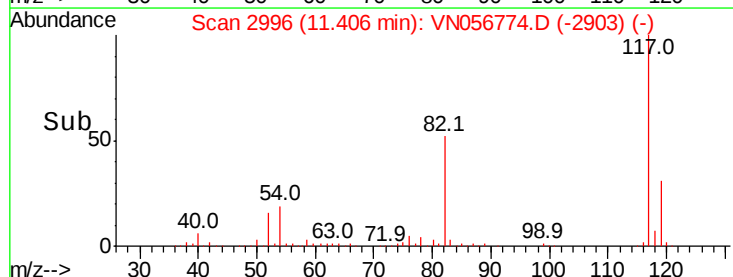
119 31.5 25.2 37.8

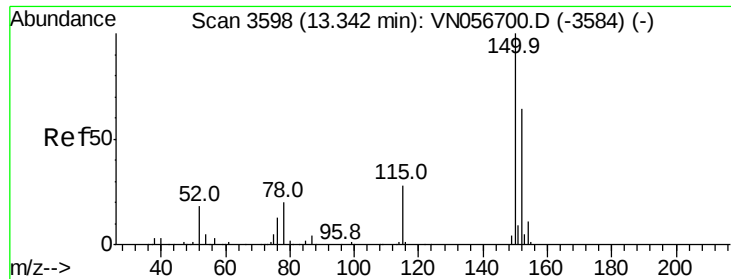


Abundance Ion 116.90 (116.60 to 117.60): VN056774.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056774.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056774.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056774.D

Acq: 16 Jul 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#11

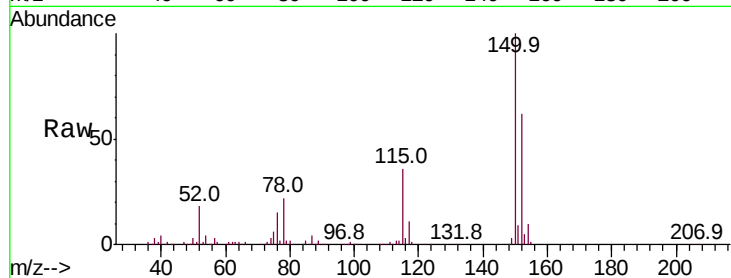
Tot Ion:152 Resp: 181867

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 159.1 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

