

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056757.D
 Acq On : 16 Jul 2019 10:43
 Operator : JC/SP
 Sample : K3814-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LA119SW005-SW-190712

Quant Time: Jul 17 08:17:27 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

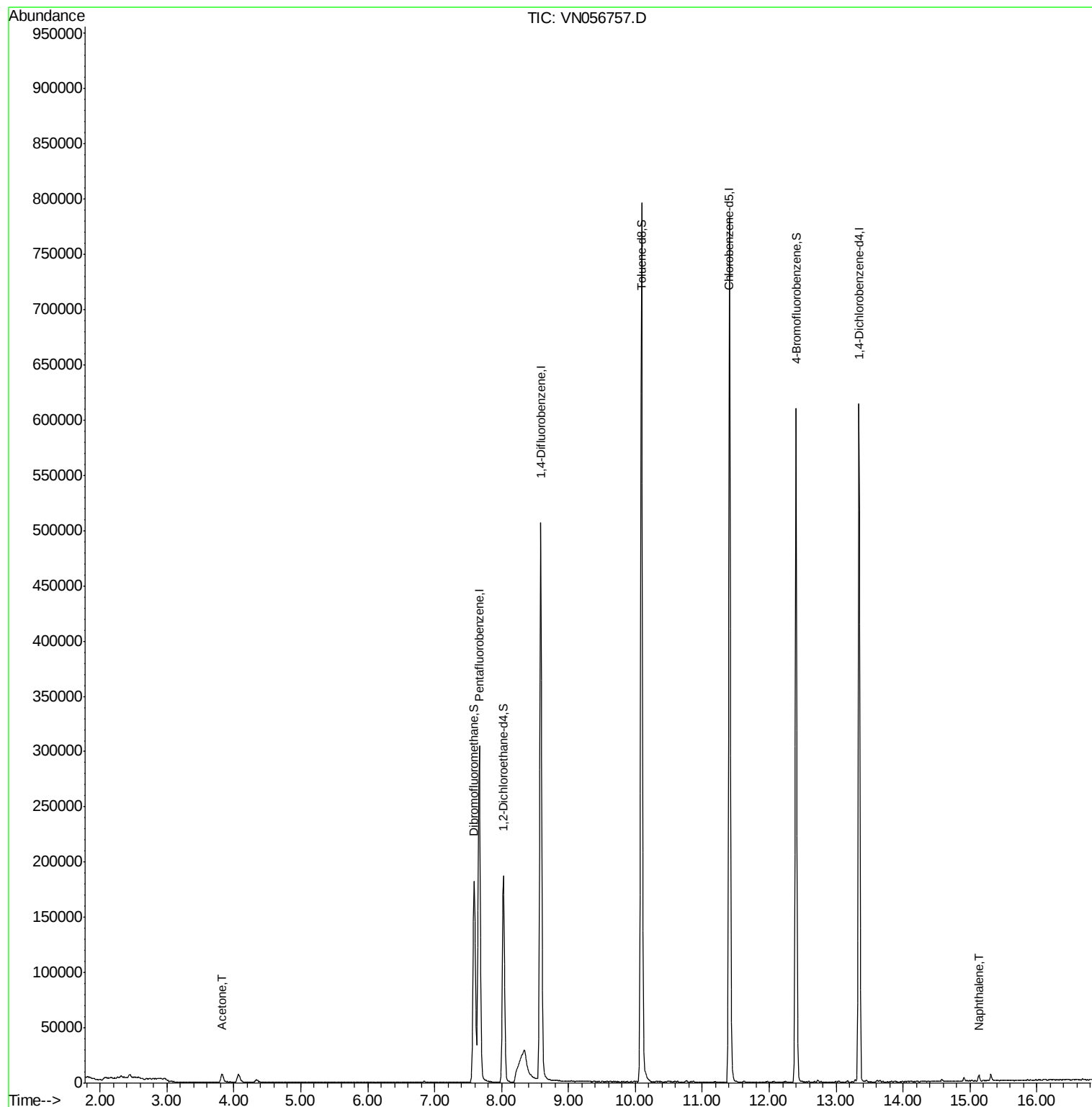
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	275488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	482267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	497881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	156021	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	7.59	113	144273	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	595590	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.40	95	215610	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
Target Compounds						
16) Acetone	3.82	43	13743	9.787	ug/l	98
95) Naphthalene	15.13	128	5470	5.043	ug/l #	90

(#) = 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: VN056757.D

Acq: 16 Jul 2019 10:43

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MSVOA_N

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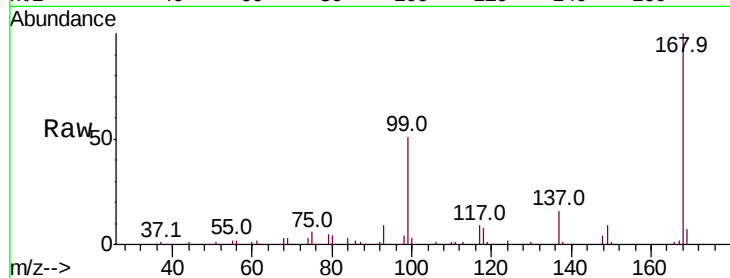
LA119SW005-SW-190712

Tot Ion:168 Resp: 275488

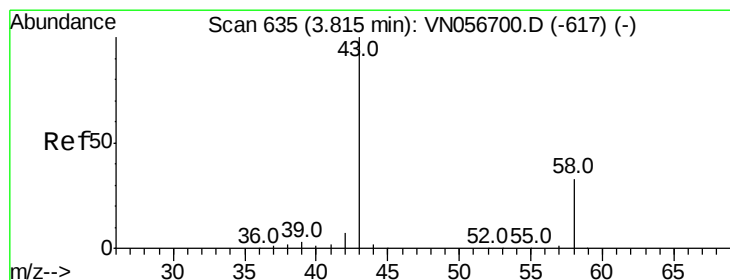
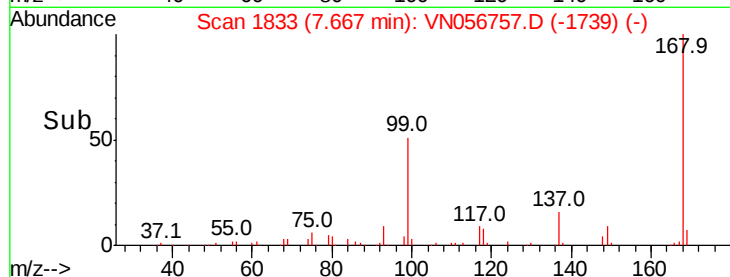
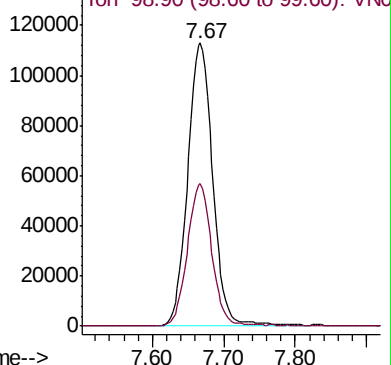
Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056757.D (-1739) (-)



#16

Acetone

Concen: 9.787 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056757.D

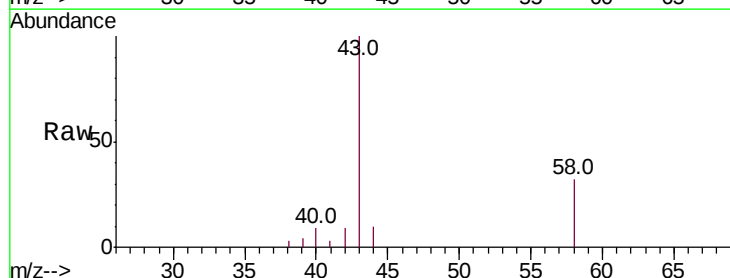
Acq: 16 Jul 2019 10:43

Tgt Ion: 43 Resp: 13743

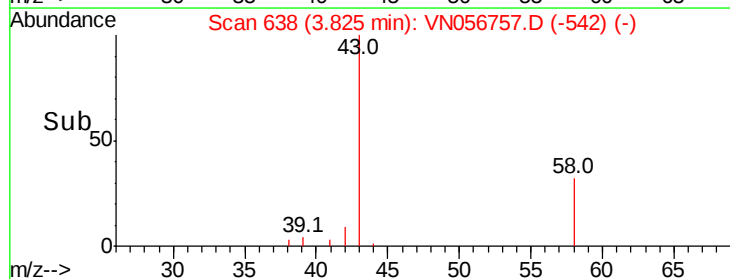
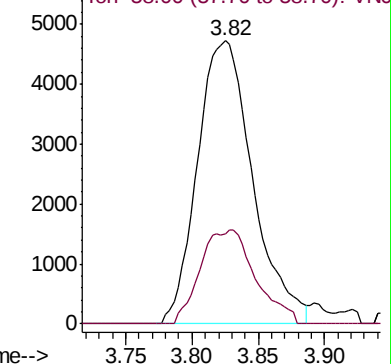
Ion Ratio Lower Upper

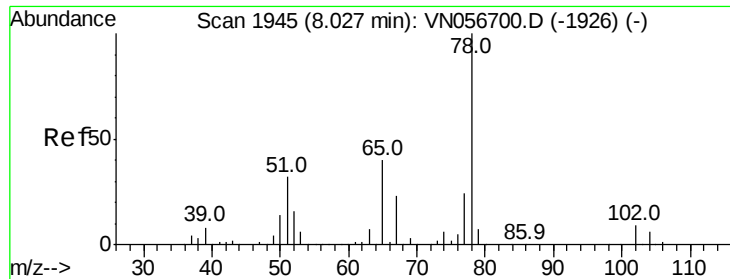
43 100

58 32.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056757.D (-542) (-)

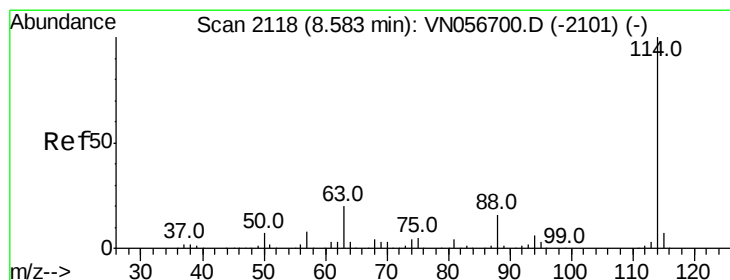
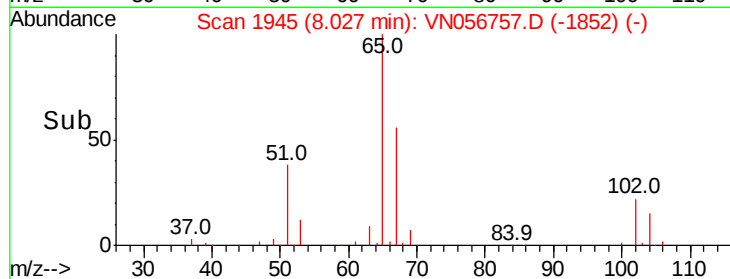
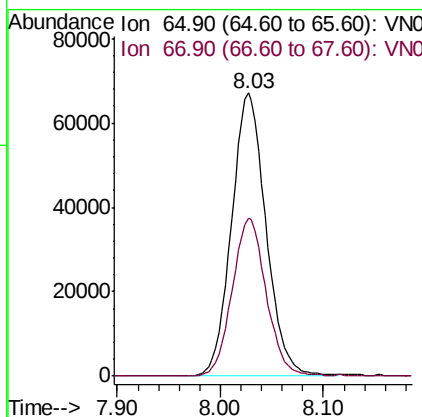
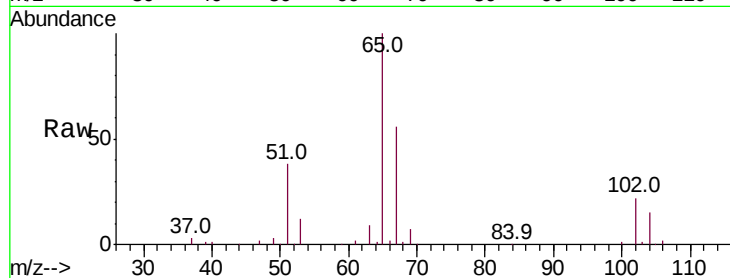




#33
 1,2-Dichloroethane-d4
 Concen: 51.200 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056757.D
 Acq: 16 Jul 2019 10:43

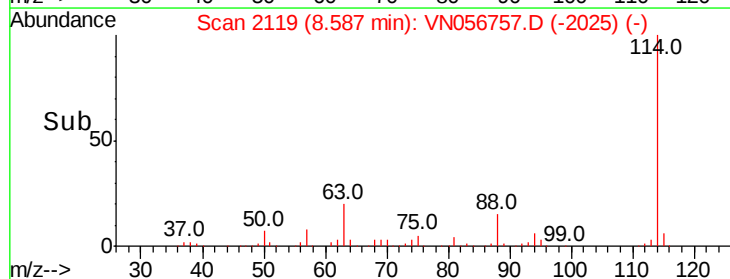
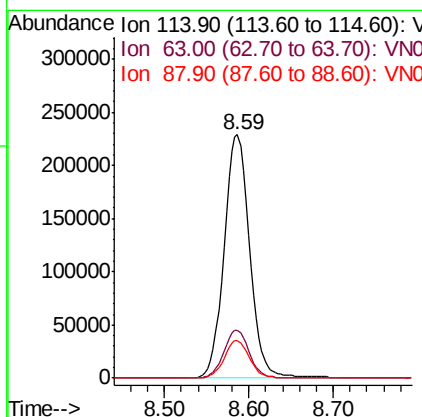
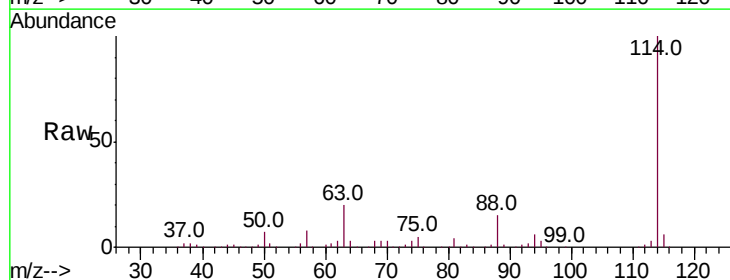
Instrument :
 MSVOA_N
 ClientSampleId :
 LA119SW005-SW-190712

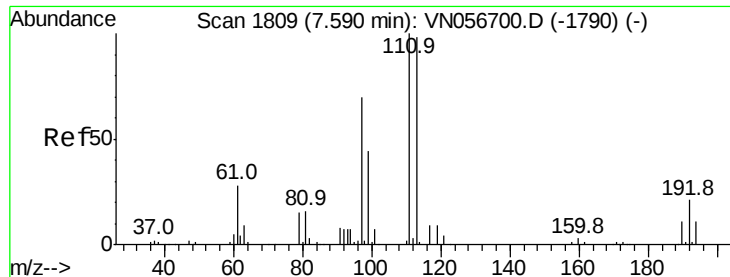
Tot Ion: 65 Resp: 156021
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056757.D
 Acq: 16 Jul 2019 10:43

Tgt Ion: 114 Resp: 482267
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.3 0.0 31.2



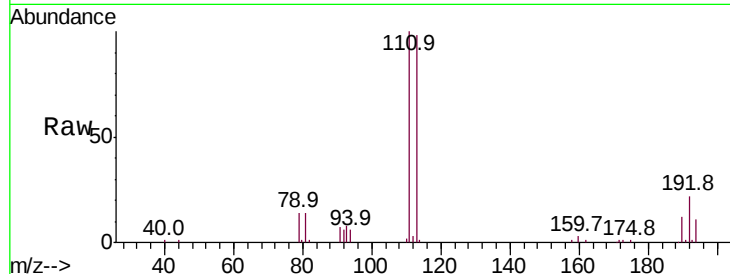


#35
Dibromofluoromethane
Concen: 48.071 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056757.D
Acq: 16 Jul 2019 10:43

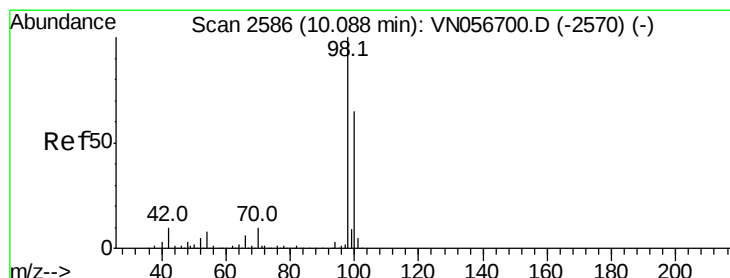
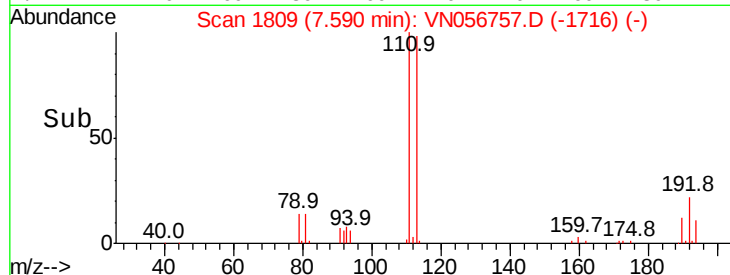
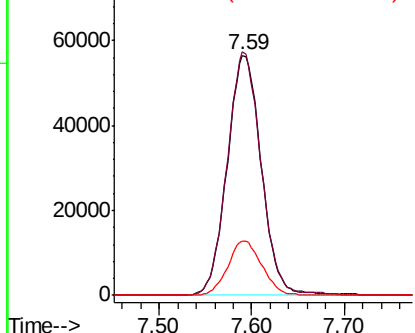
Instrument :
MSVOA_N
ClientSampleId :
LA119SW005-SW-190712

Tot Ion:113 Resp: 144273

Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.8	122.6
192	22.6	17.5	26.3



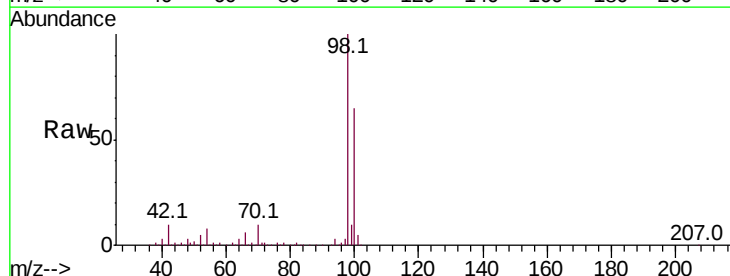
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



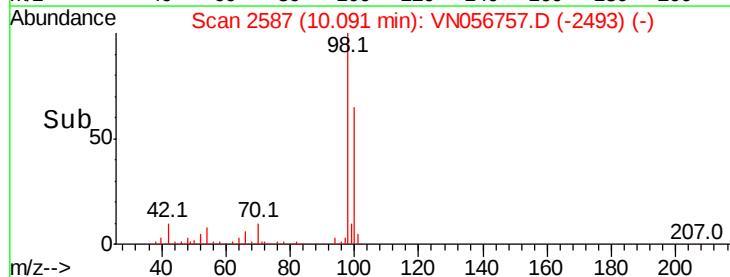
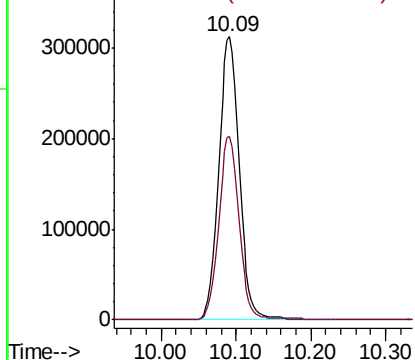
#50
Toluene-d8
Concen: 51.382 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056757.D
Acq: 16 Jul 2019 10:43

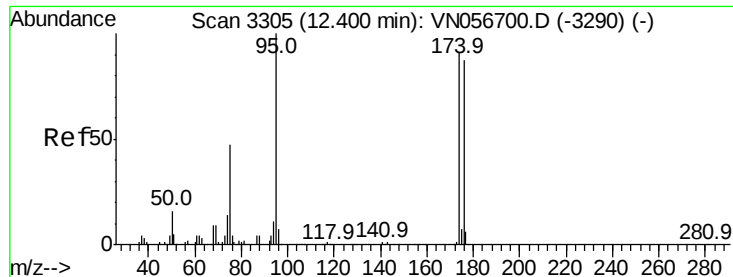
Tgt Ion: 98 Resp: 595590

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0



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





#62

4-Bromofluorobenzene

Concen: 55.157 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056757.D

Acq: 16 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

LA119SW005-SW-190712

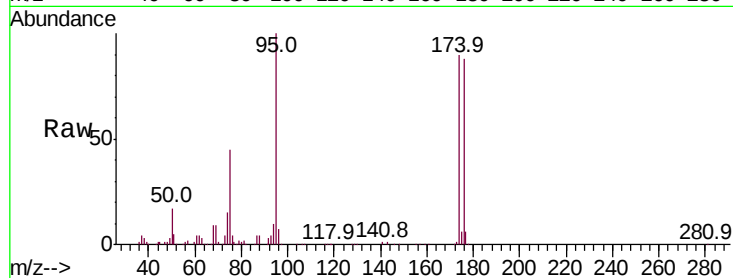
Tot Ion: 95 Resp: 215610

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

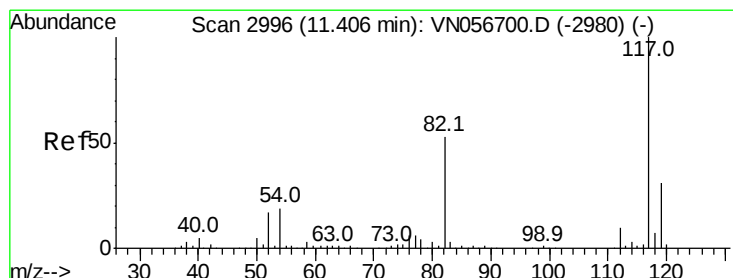
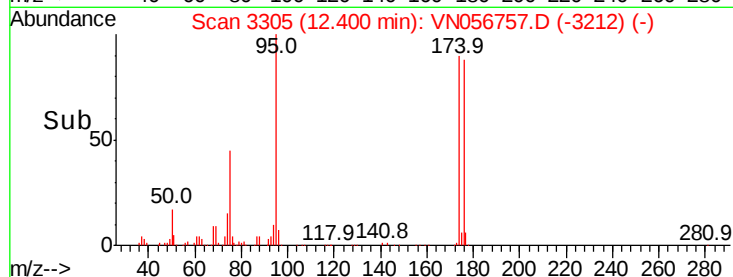
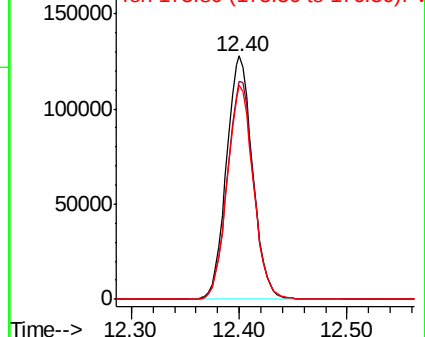
176 88.1 0.0 173.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056757.D

Acq: 16 Jul 2019 10:43

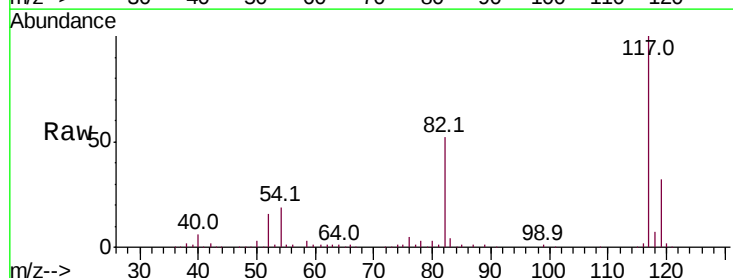
Tgt Ion: 117 Resp: 497881

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.2

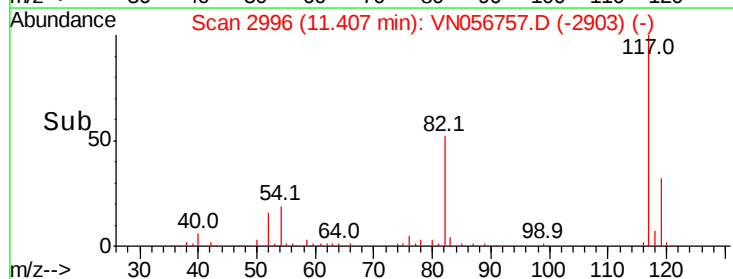
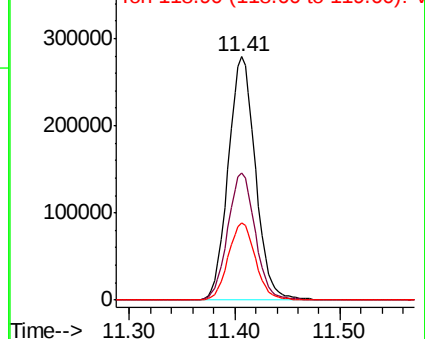
119 31.7 25.2 37.8

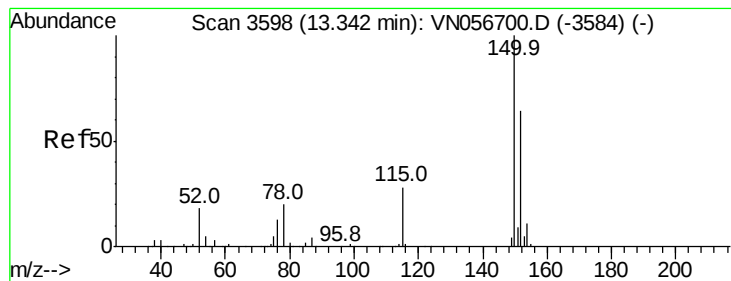


Abundance Ion 116.90 (116.60 to 117.60): VN056700.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN056700.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN056700.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056757.D

Acq: 16 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

LA119SW005-SW-190712

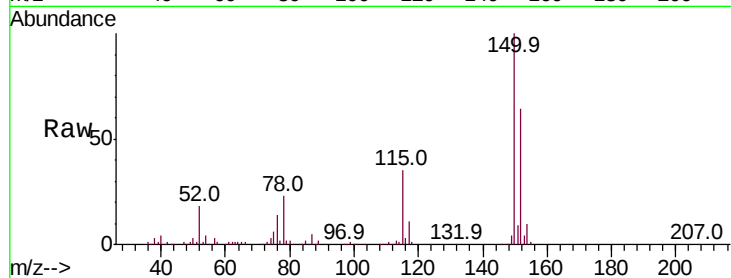
Tot Ion:152 Resp: 179338

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

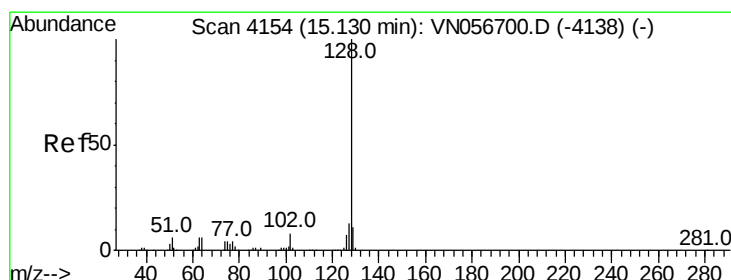
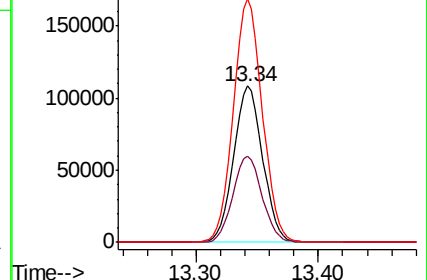
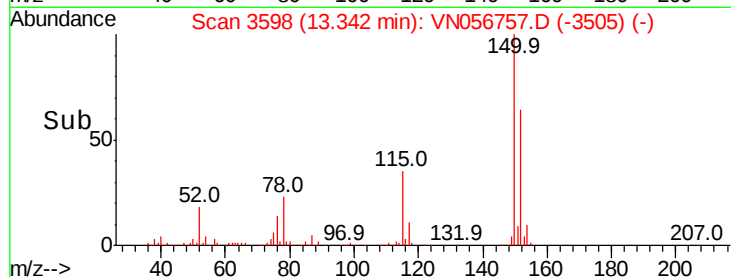
150 155.9 0.0 345.8



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



#95

Naphthalene

Concen: 5.043 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056757.D

Acq: 16 Jul 2019 10:43

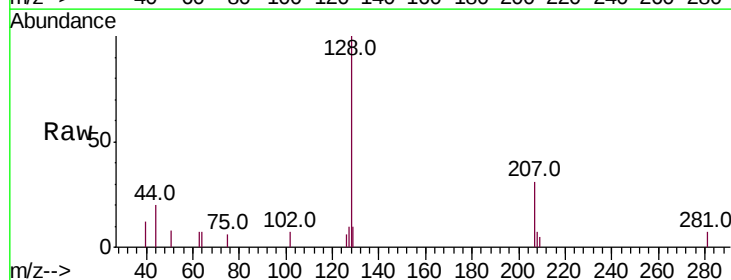
Tgt Ion:128 Resp: 5470

Ion Ratio Lower Upper

128 100

127 9.7 10.3 15.5#

129 6.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

