

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056744.D
 Acq On : 16 Jul 2019 4:27
 Operator : JC/SP
 Sample : K3626-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-071119-B

Quant Time: Jul 16 06:36:49 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

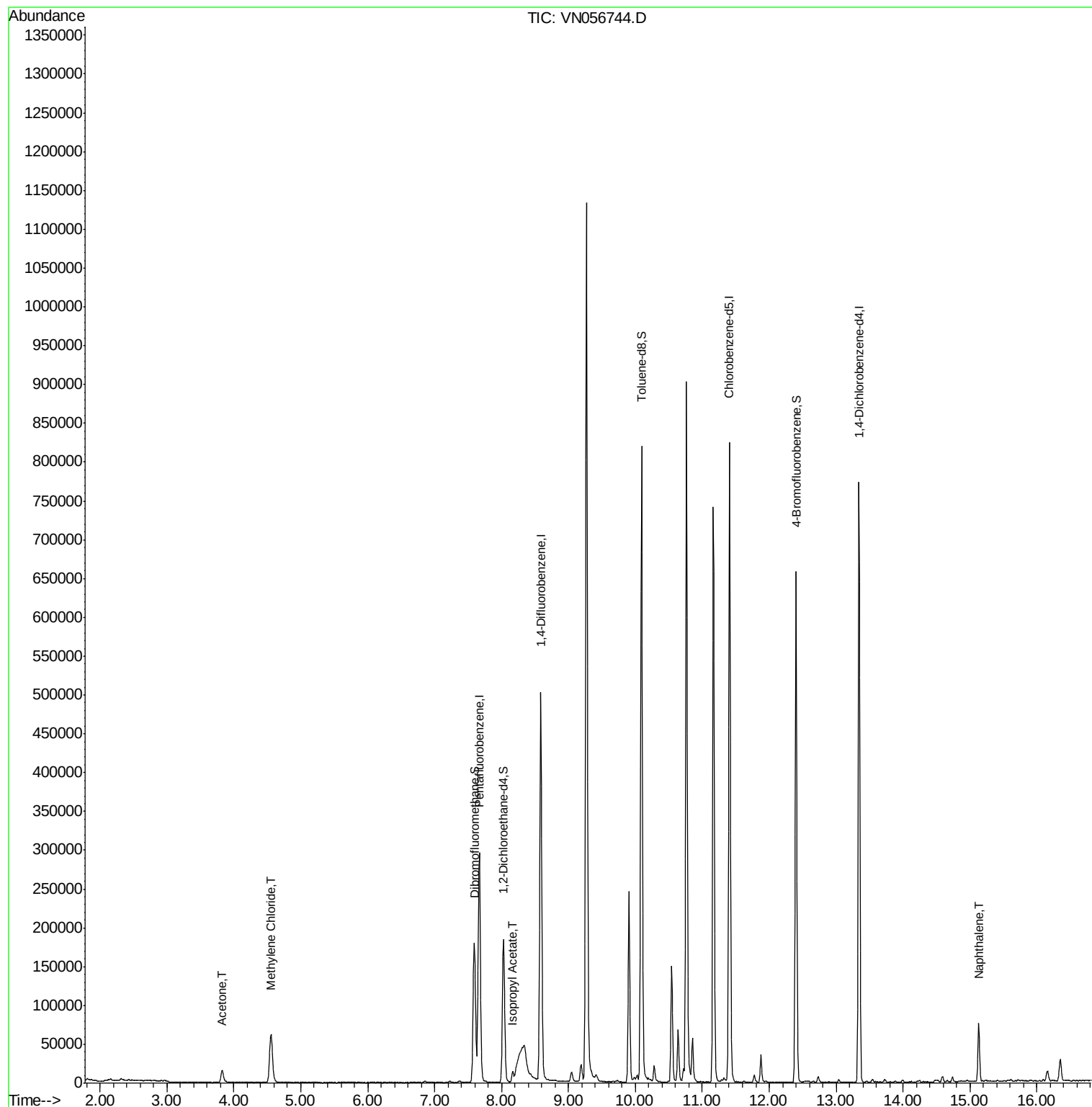
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	265737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	475413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159964	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	7.59	113	142801	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	607139	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	234015	60.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.46%	
Target Compounds						
16) Acetone	3.82	43	30488	22.508	ug/l	99
20) Methylene Chloride	4.55	84	50367	17.015	ug/l	99
43) Isopropyl Acetate	8.17	43	17188	2.522	ug/l	92
95) Naphthalene	15.13	128	69775	9.768	ug/l	99

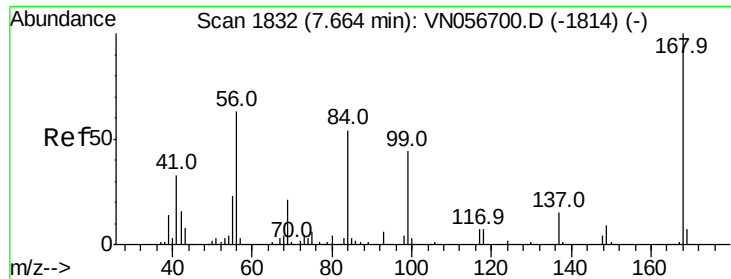
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

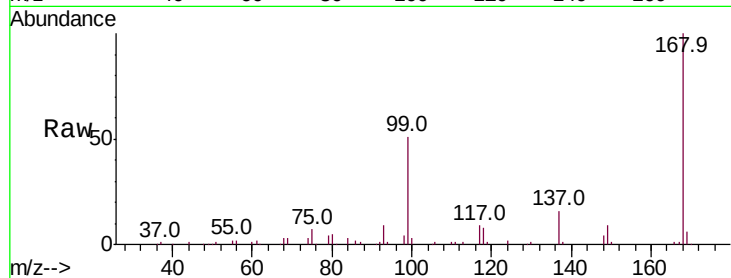
SU-04-071119-B

Tot Ion:168 Resp: 265737

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056700.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN056700.D (-1814) (-)

7.67

120000

100000

80000

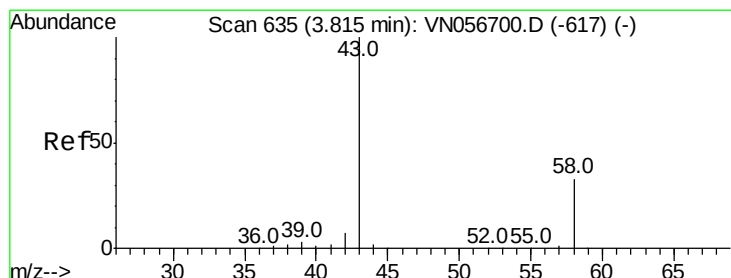
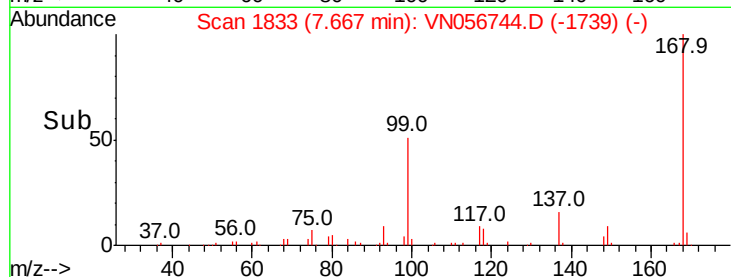
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 22.508 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056744.D

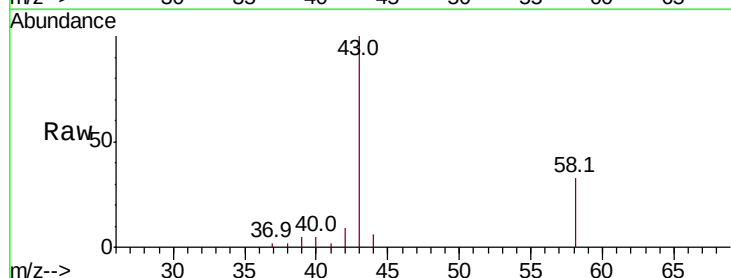
Acq: 16 Jul 2019 4:27

Tgt Ion: 43 Resp: 30488

Ion Ratio Lower Upper

43 100

58 32.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-617) (-)

3.82

12000

10000

8000

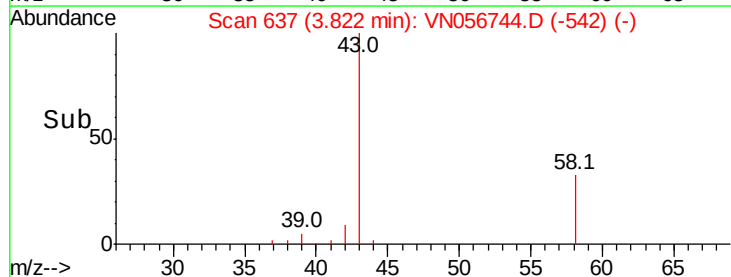
6000

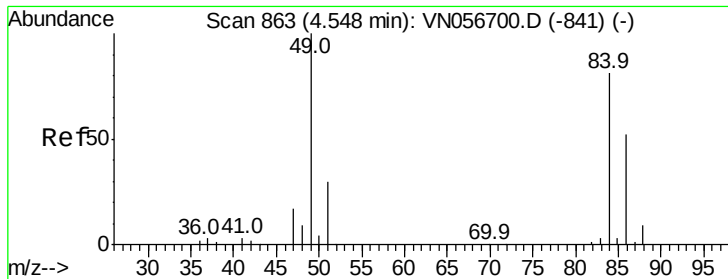
4000

2000

0

Time--> 3.70 3.80 3.90

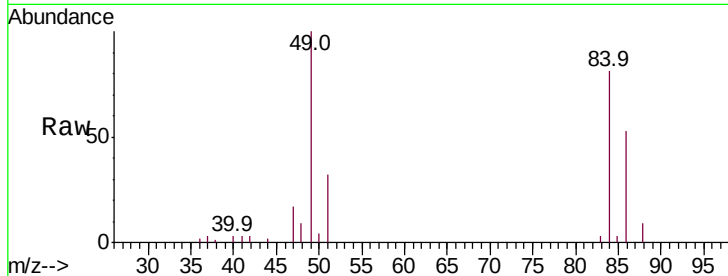




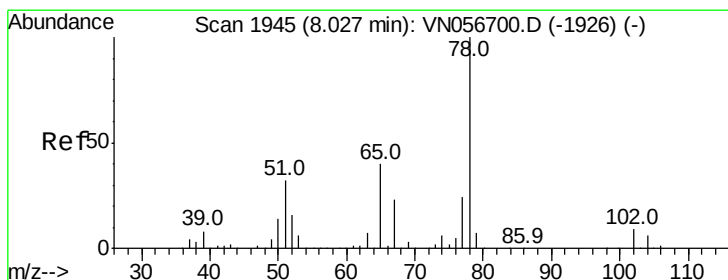
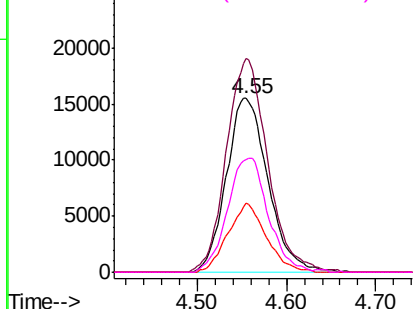
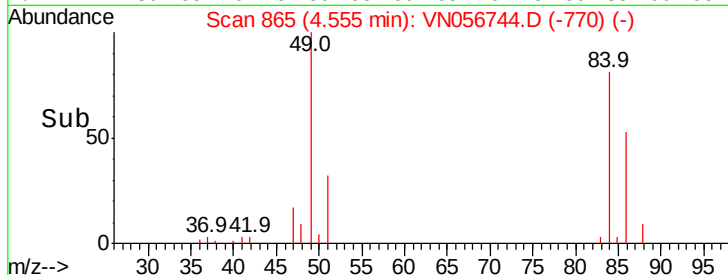
#20
Methylene Chloride
Concen: 17.015 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Instrument :
MSVOA_N
ClientSampleId :
SU-04-071119-B

Tot Ion: 84 Resp: 50367
Ion Ratio Lower Upper
84 100
49 122.7 98.2 147.4
51 39.5 29.6 44.4
86 64.5 51.0 76.4

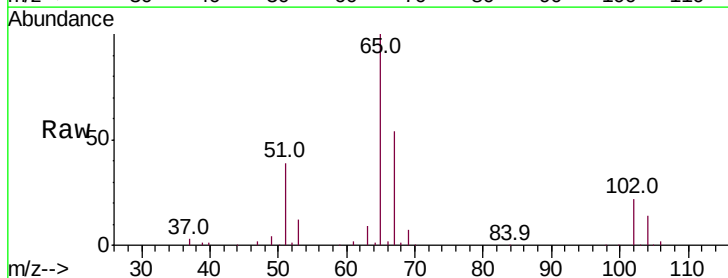


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

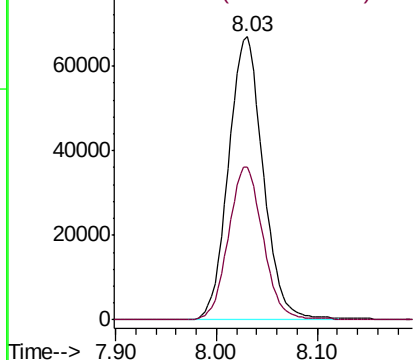
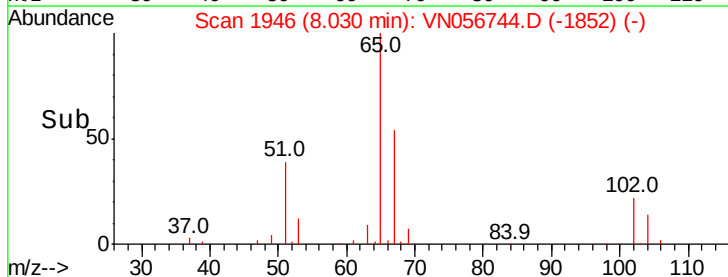


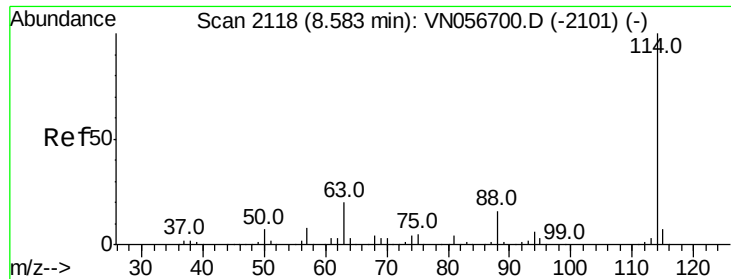
#33
1,2-Dichloroethane-d4
Concen: 54.420 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Tgt Ion: 65 Resp: 159964
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

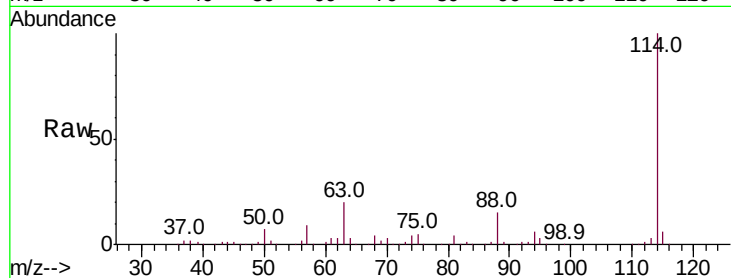




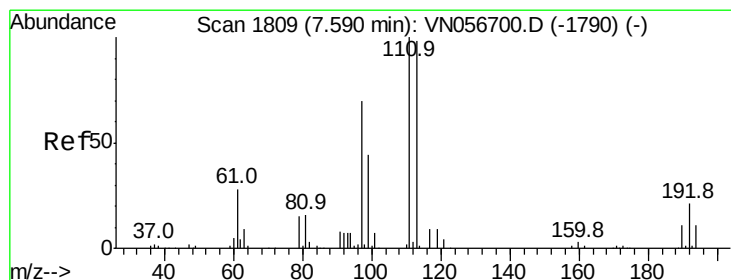
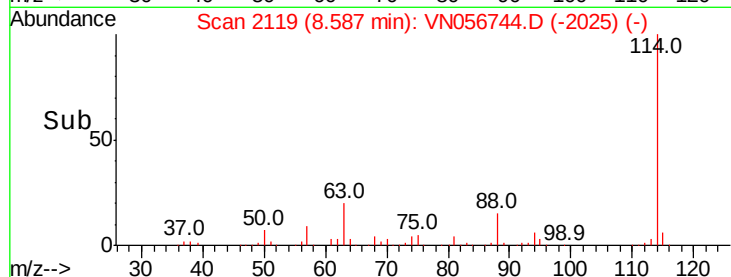
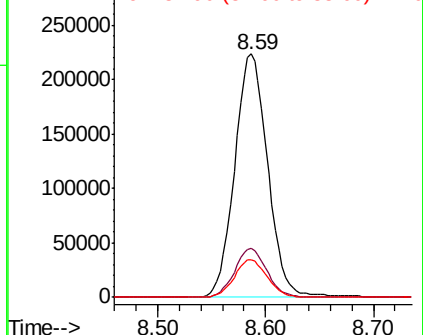
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-071119-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.4
88	15.4	0.0	31.2

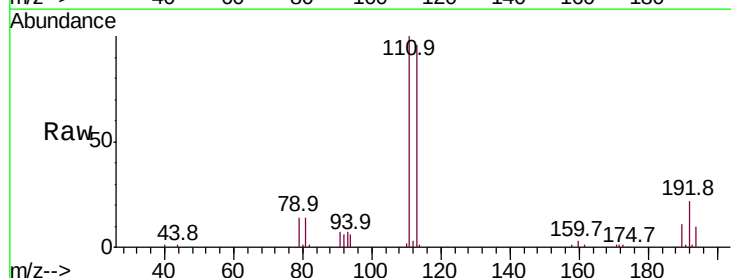


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

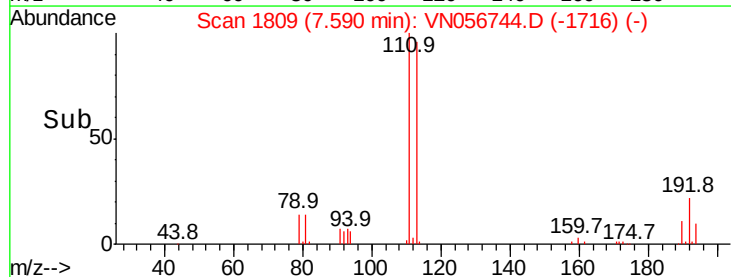
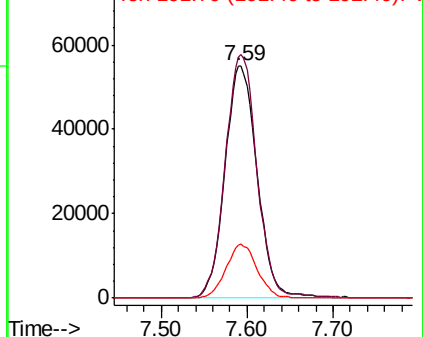


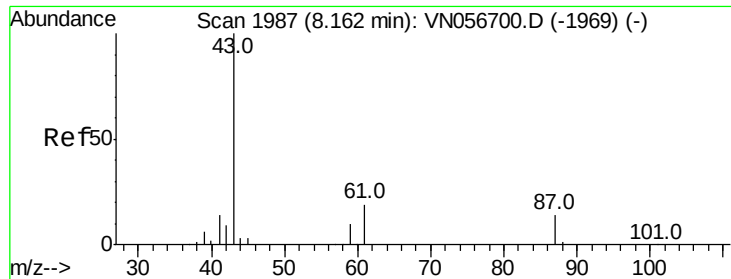
#35
 Dibromofluoromethane
 Concen: 48.267 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	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





#43

Isopropyl Acetate

Concen: 2.522 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

SU-04-071119-B

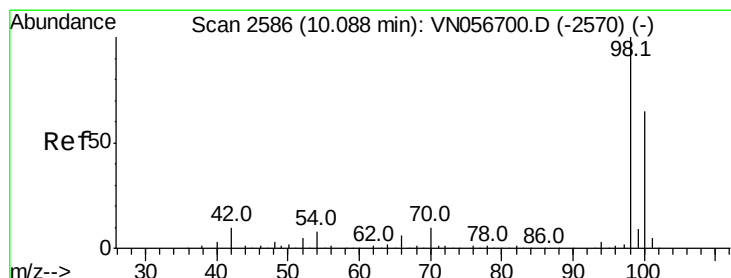
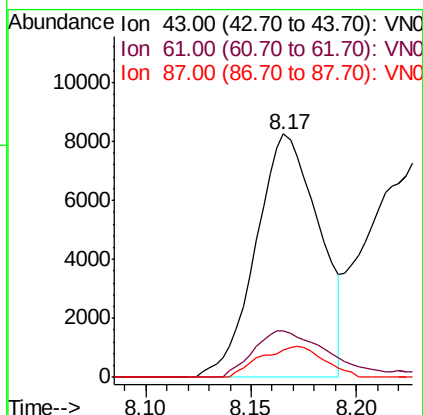
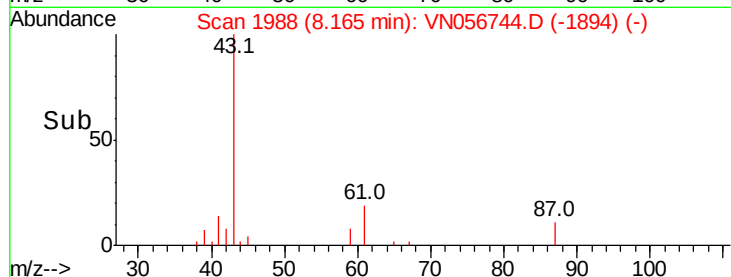
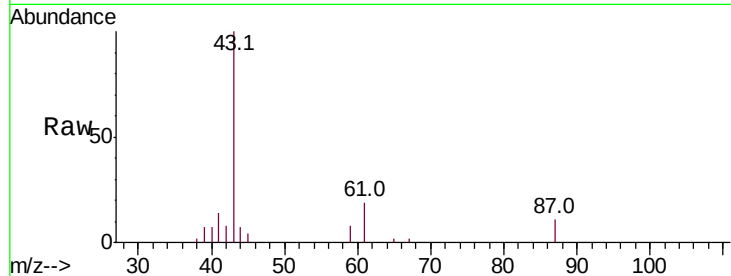
Tot Ion: 43 Resp: 17188

Ion Ratio Lower Upper

43 100

61 22.7 22.3 33.5

87 12.7 11.1 16.7



#50

Toluene-d8

Concen: 53.133 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056744.D

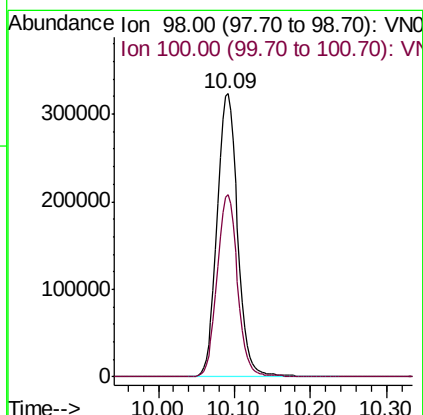
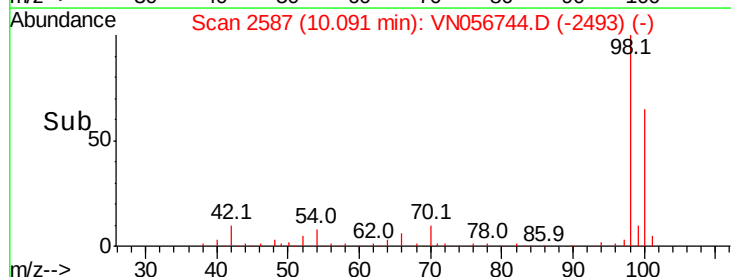
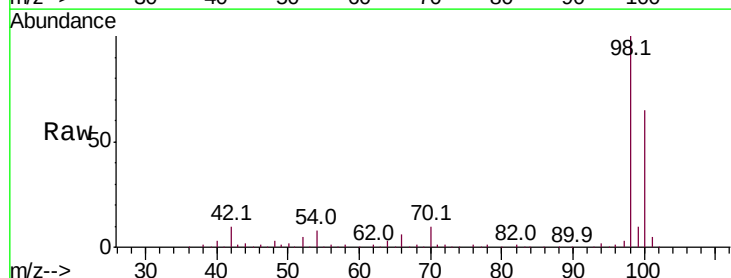
Acq: 16 Jul 2019 4:27

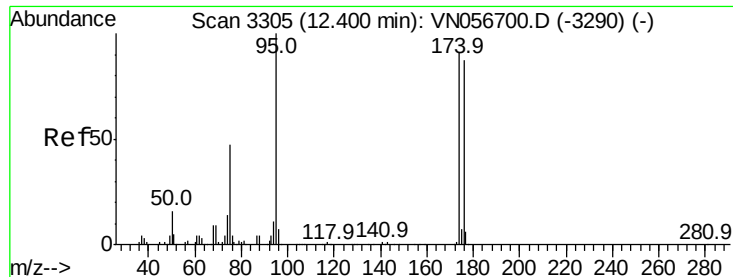
Tgt Ion: 98 Resp: 607139

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

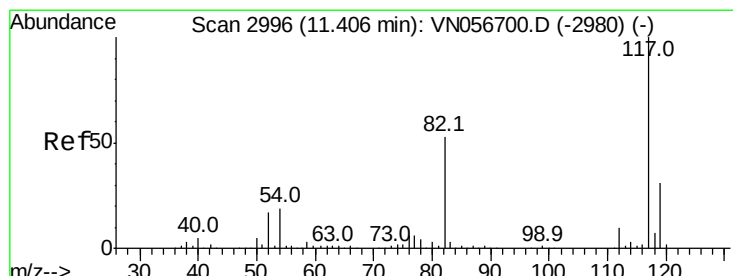
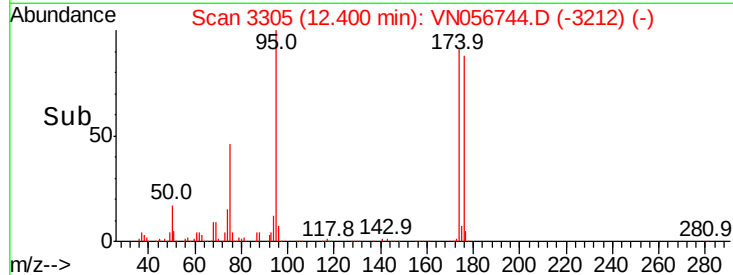
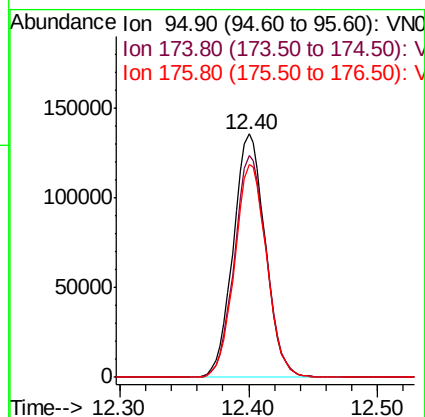
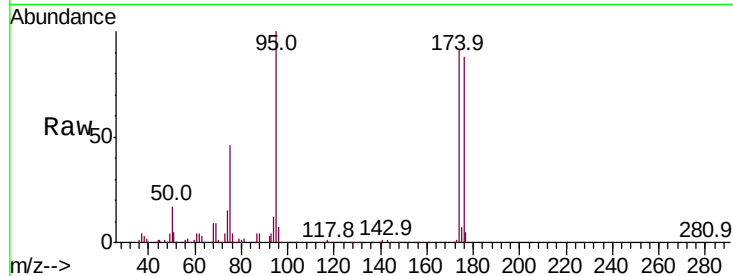




#62
4-Bromofluorobenzene
Concen: 60.728 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

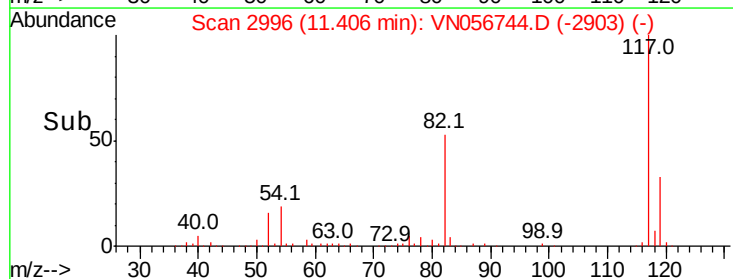
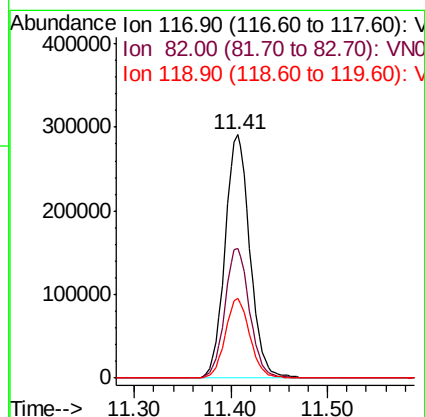
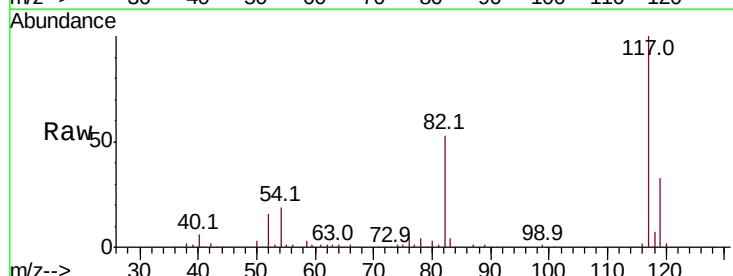
Instrument :
MSVOA_N
ClientSampleId :
SU-04-071119-B

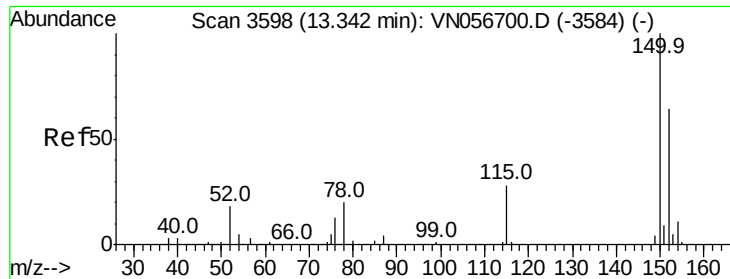
Tot Ion: 95 Resp: 234015
Ion Ratio Lower Upper
95 100
174 91.1 0.0 180.0
176 87.3 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Tgt Ion: 117 Resp: 518721
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 32.7 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: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

SU-04-071119-B

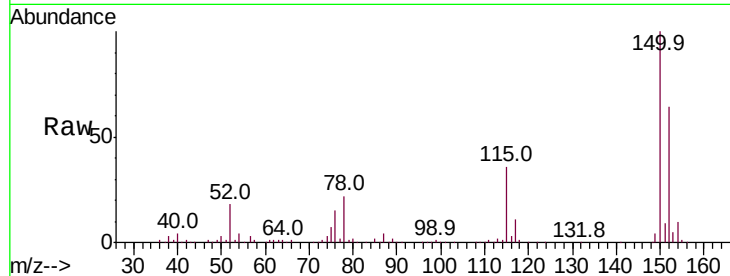
Tot Ion:152 Resp: 225923

Ion Ratio Lower Upper

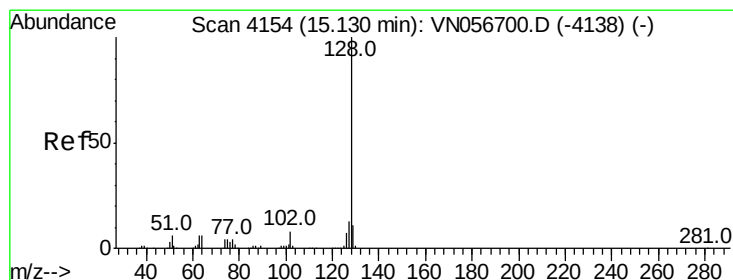
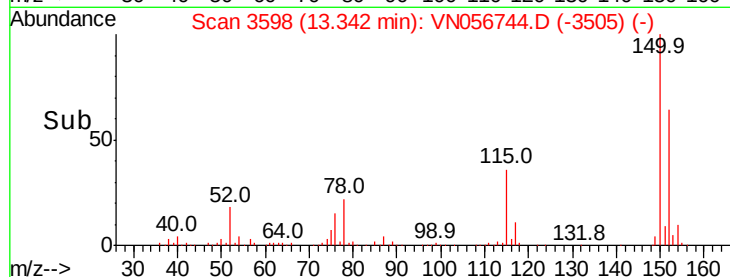
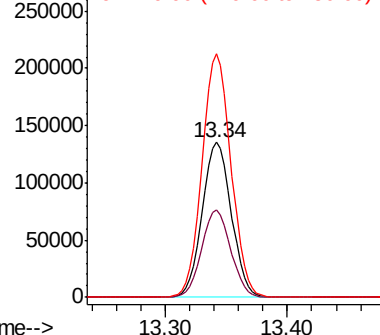
152 100

115 56.4 28.2 84.7

150 155.8 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: 9.768 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

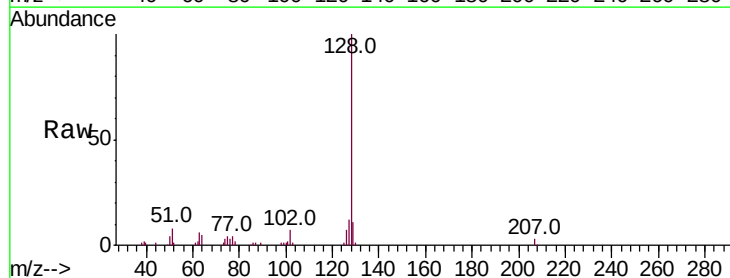
Tgt Ion:128 Resp: 69775

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 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

