

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058169.D
 Acq On : 18 Sep 2019 17:58
 Operator : JC/SP
 Sample : K4668-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-091719

Quant Time: Sep 19 15:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

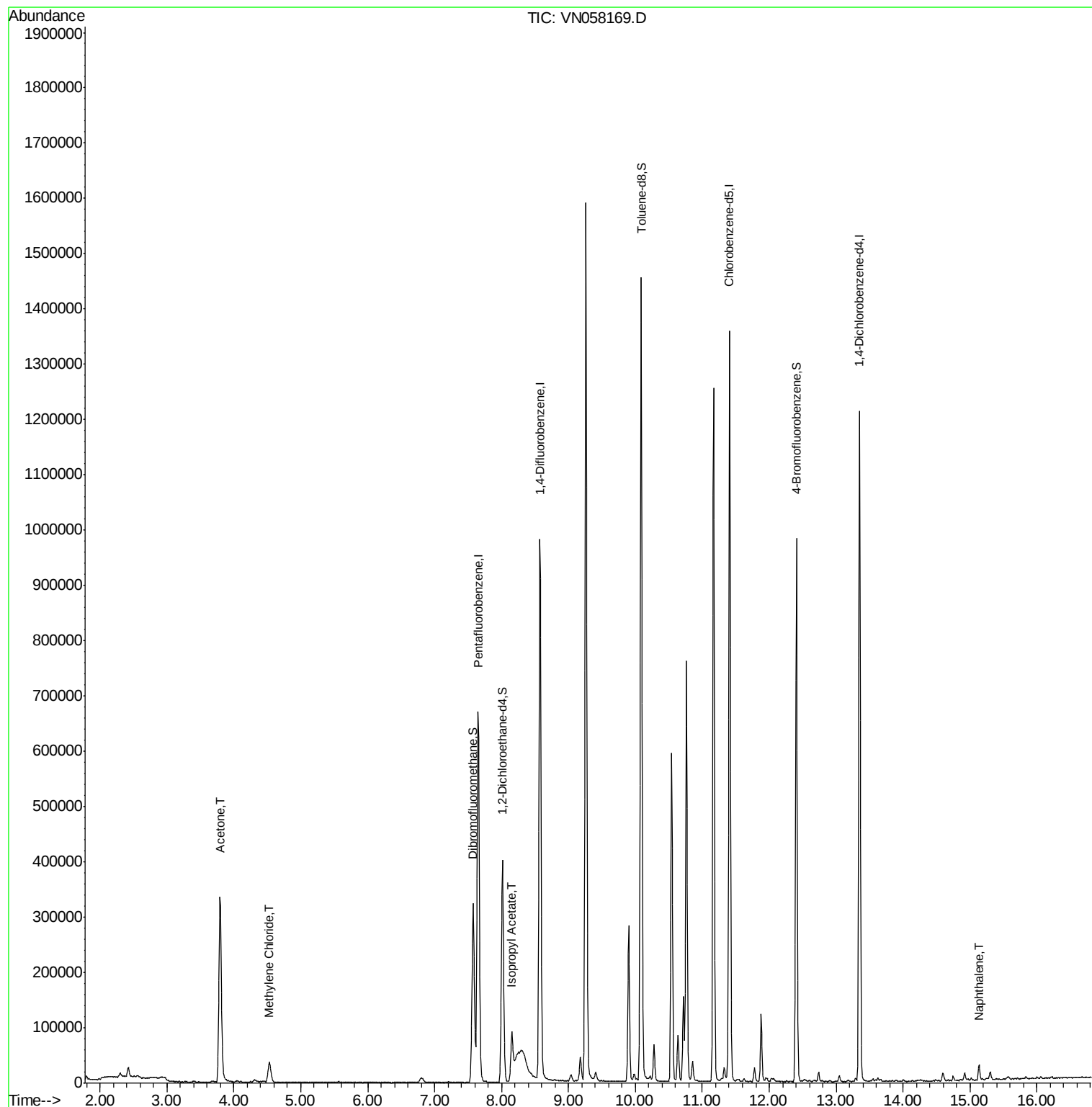
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	527403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	841781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	734493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	348202	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	7.58	113	240692	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1007652	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.41	95	329067	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
16) Acetone	3.79	43	564323	226.325	ug/l	98
20) Methylene Chloride	4.53	84	26122	5.788	ug/l	96
43) Isopropyl Acetate	8.15	43	120762	10.264	ug/l #	87
95) Naphthalene	15.14	128	21671	1.507	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091819\
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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058169.D

Acq: 18 Sep 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

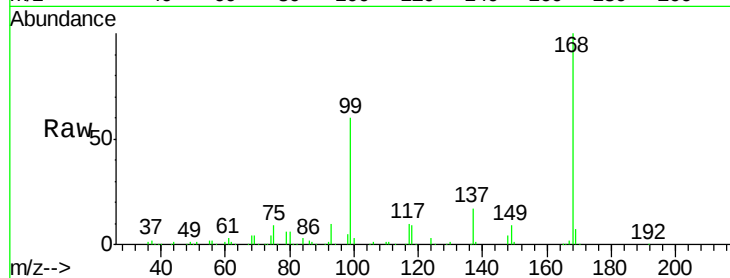
SU-01-091719

Tot Ion:168 Resp: 527403

Ion Ratio Lower Upper

168 100

99 60.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058169.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058169.D (-1735) (-)

7.65

200000

150000

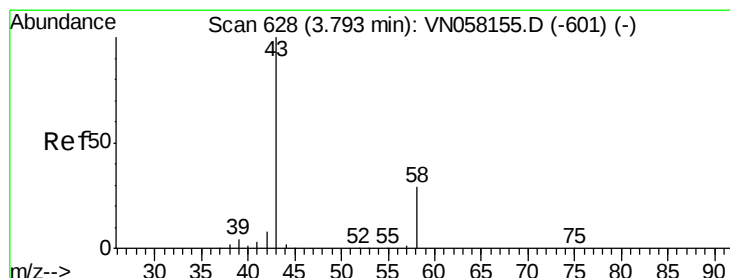
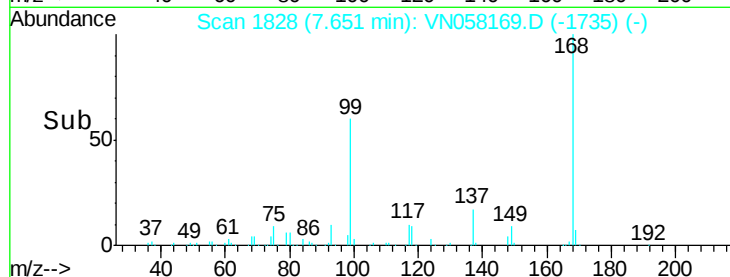
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 226.325 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058169.D

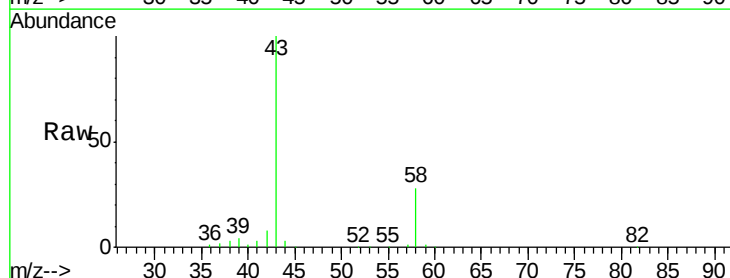
Acq: 18 Sep 2019 17:58

Tgt Ion: 43 Resp: 564323

Ion Ratio Lower Upper

43 100

58 28.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN058169.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058169.D (-535) (-)

3.79

200000

150000

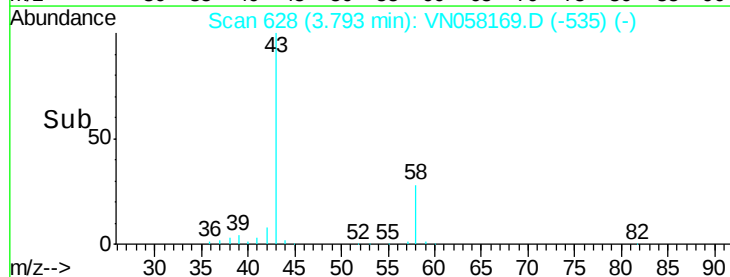
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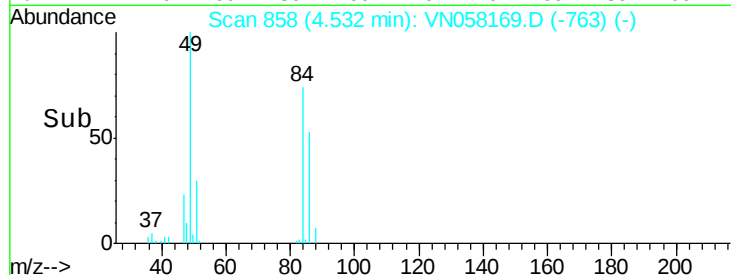
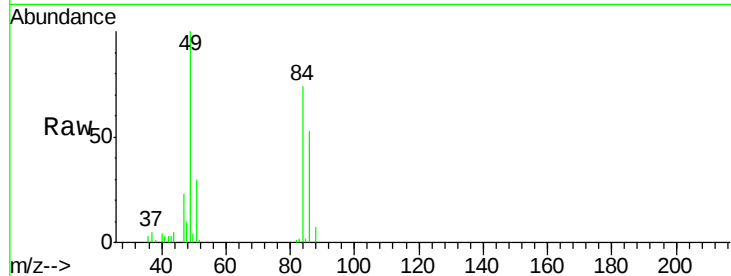
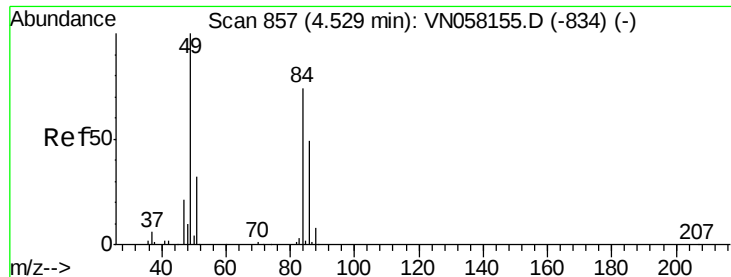
50000

0

3.70 3.80 3.90

Time-->

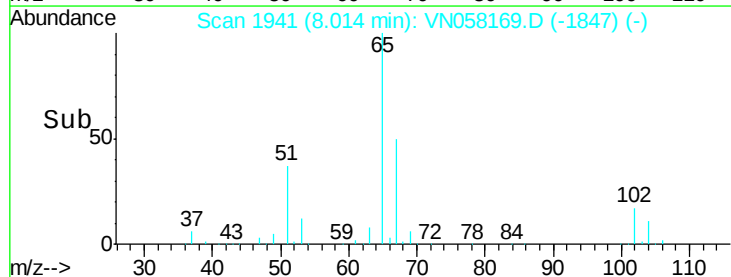
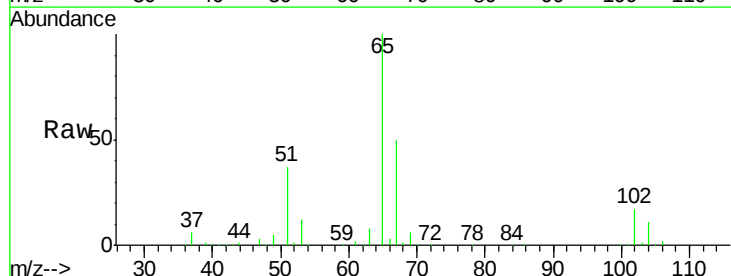
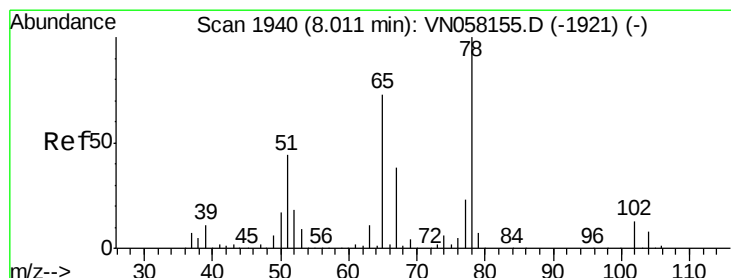
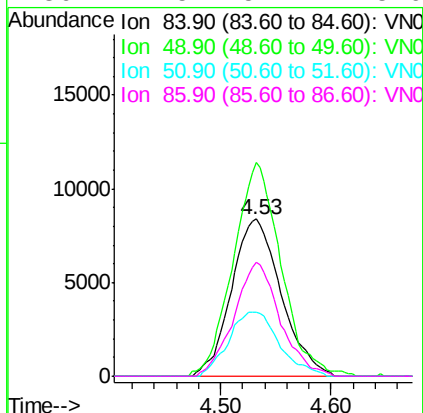




#20
Methvlene Chloride
Concen: 5.788 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058169.D
Acq: 18 Sep 2019 17:58

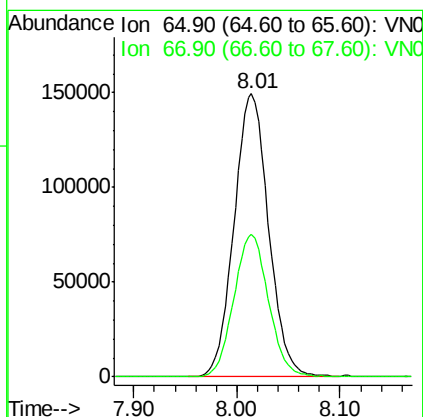
Instrument :
MSVOA_N
ClientSampled :
SU-01-091719

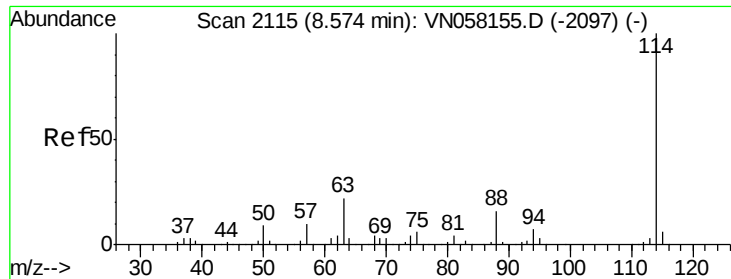
Tot Ion: 84 Resp: 26122
Ion Ratio Lower Upper
84 100
49 135.9 107.5 161.3
51 40.5 33.9 50.9
86 72.5 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 47.402 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058169.D
Acq: 18 Sep 2019 17:58

Tgt Ion: 65 Resp: 348202
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

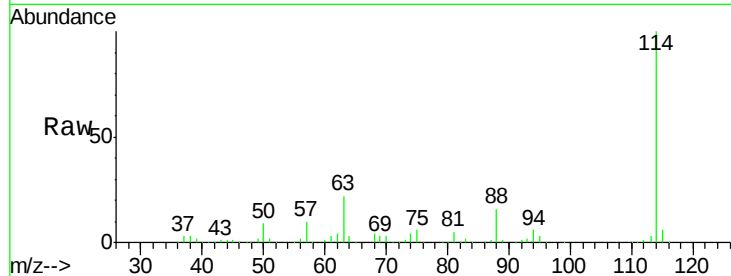




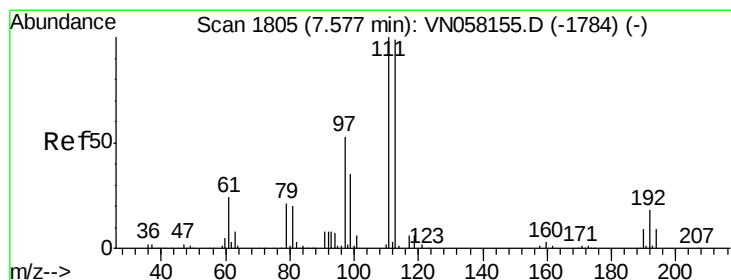
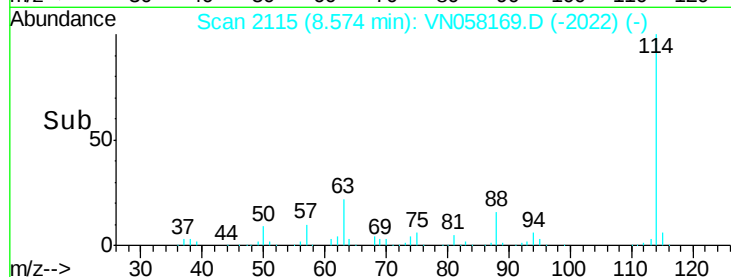
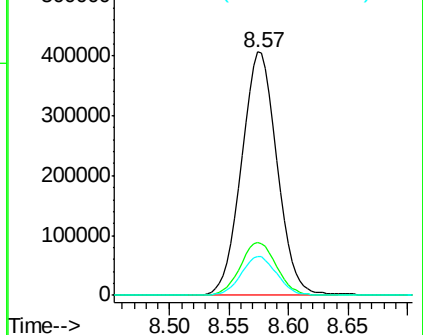
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058169.D
 Acq: 18 Sep 2019 17:58

Instrument :
 MSVOA_N
 ClientSampled :
 SU-01-091719

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	16.0	0.0	31.6

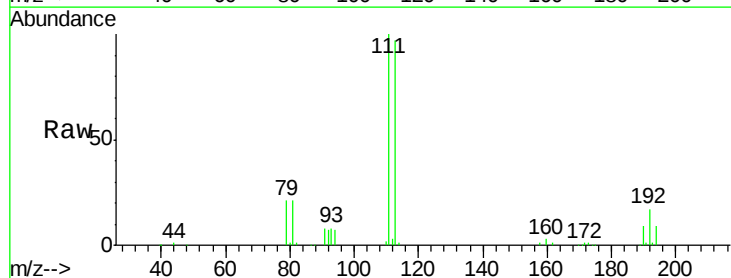


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

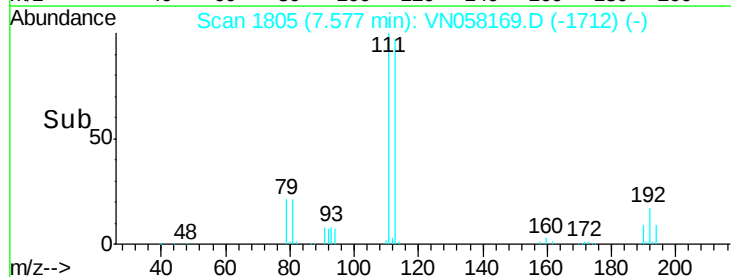
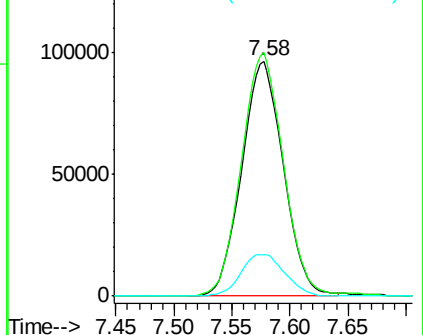


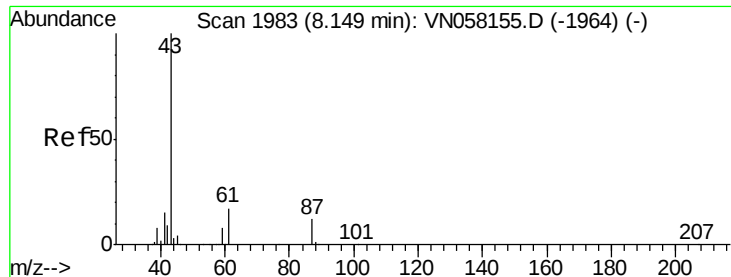
#35
 Dibromofluoromethane
 Concen: 47.035 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058169.D
 Acq: 18 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.8	122.6
192	18.7	14.5	21.7



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

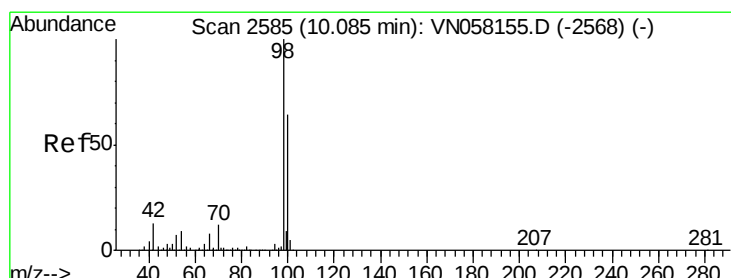
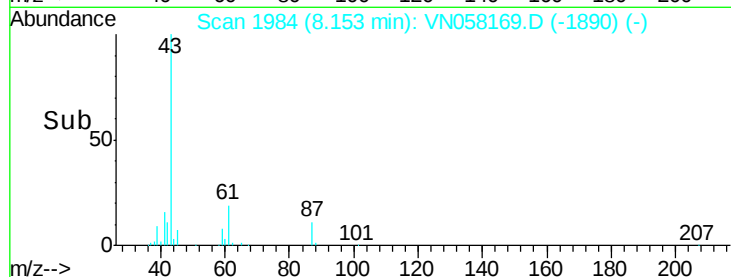
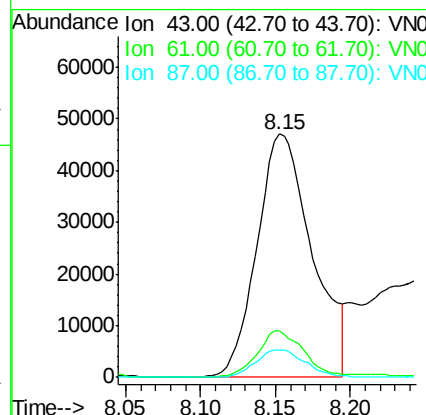
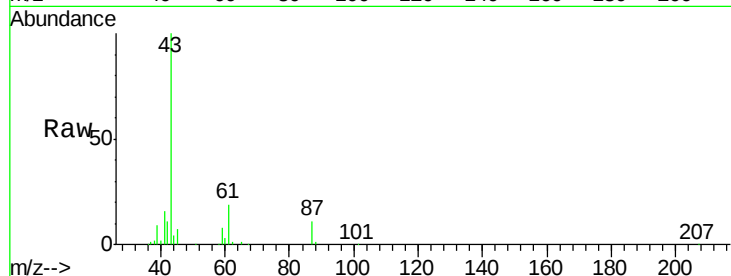




#43
Isopropyl Acetate
Concen: 10.264 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058169.D
Acq: 18 Sep 2019 17:58

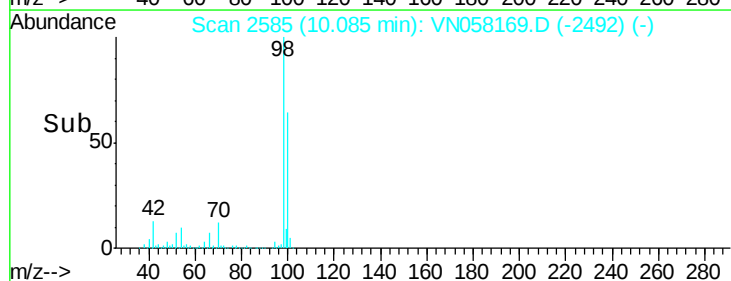
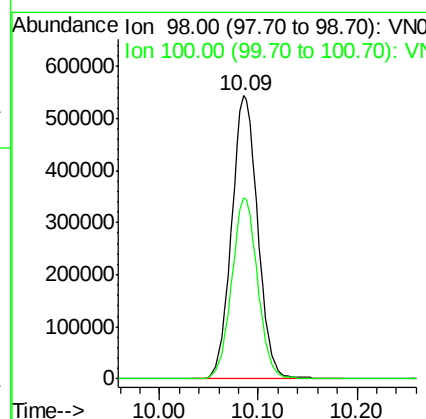
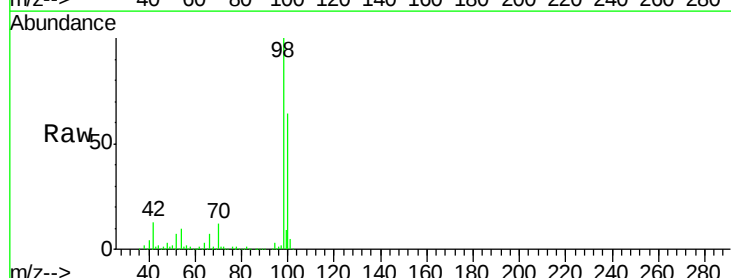
Instrument :
MSVOA_N
ClientSampleId :
SU-01-091719

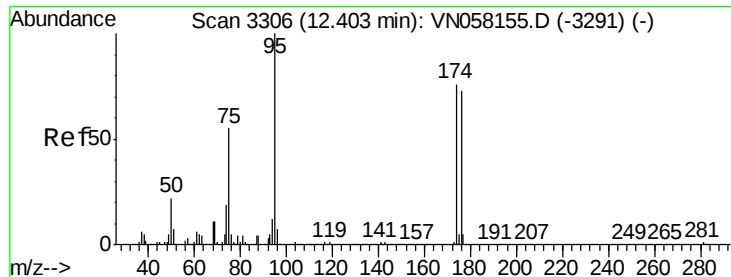
Tot Ion: 43 Resp: 120762
Ion Ratio Lower Upper
43 100
61 16.1 19.7 29.5#
87 10.2 9.4 14.2



#50
Toluene-d8
Concen: 50.539 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058169.D
Acq: 18 Sep 2019 17:58

Tgt Ion: 98 Resp: 1007652
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.431 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058169.D

Acq: 18 Sep 2019 17:58

Instrument :

MSVOA_N

ClientSampled :

SU-01-091719

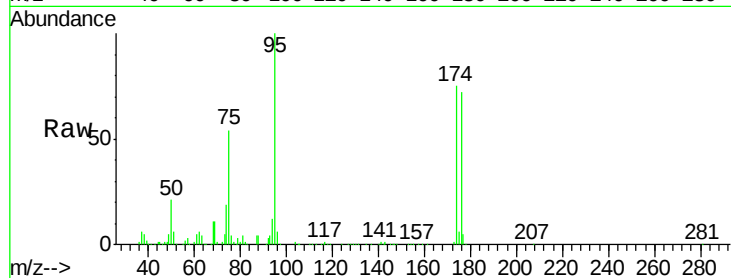
Tot Ion: 95 Resp: 329067

Ion Ratio Lower Upper

95 100

174 75.6 0.0 152.2

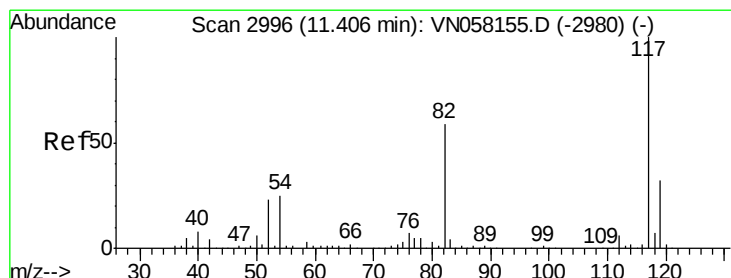
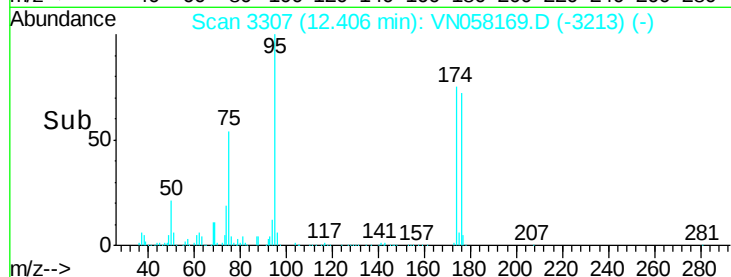
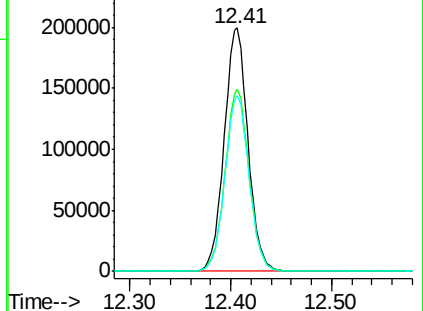
176 72.8 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058169.D

Acq: 18 Sep 2019 17:58

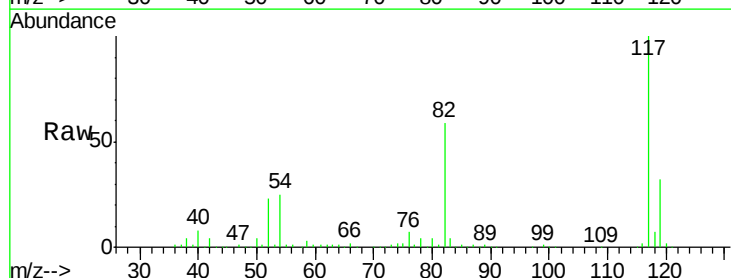
Tgt Ion: 117 Resp: 734493

Ion Ratio Lower Upper

117 100

82 59.0 46.9 70.3

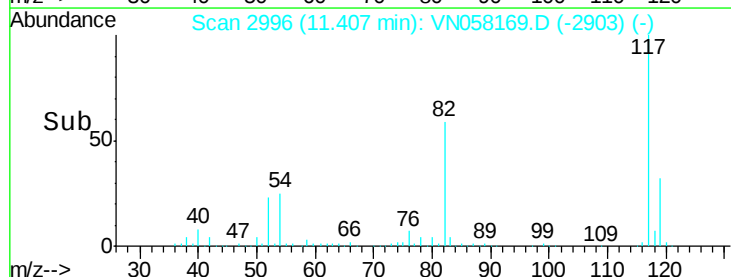
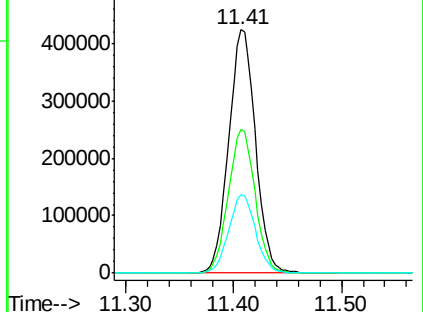
119 32.1 25.3 37.9

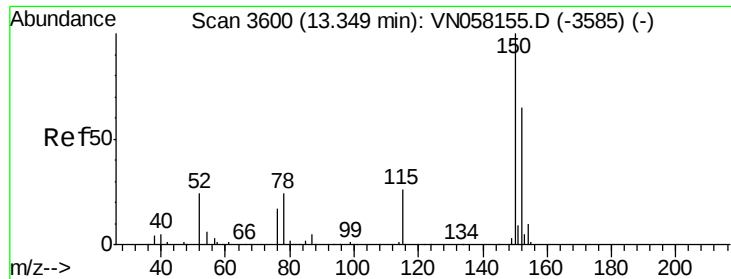


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058169.D

Acq: 18 Sep 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

SU-01-091719

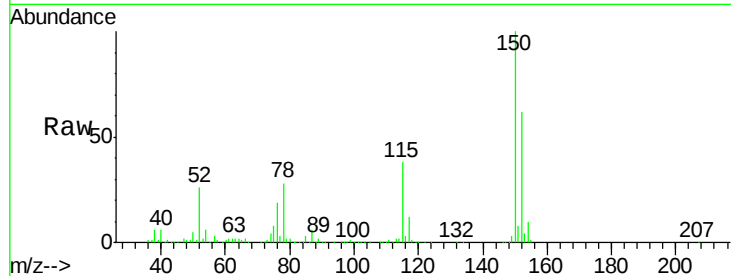
Tot Ion:152 Resp: 300968

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

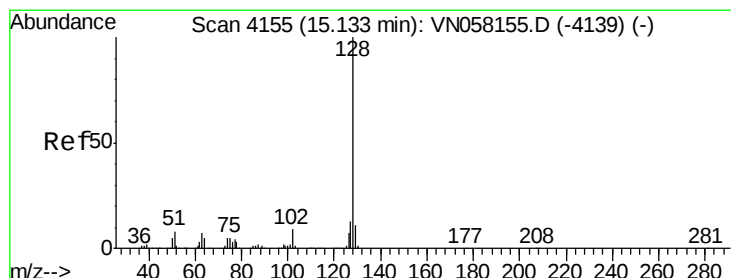
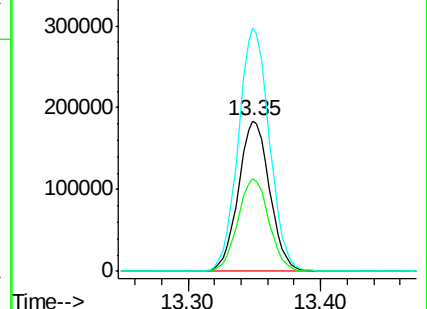
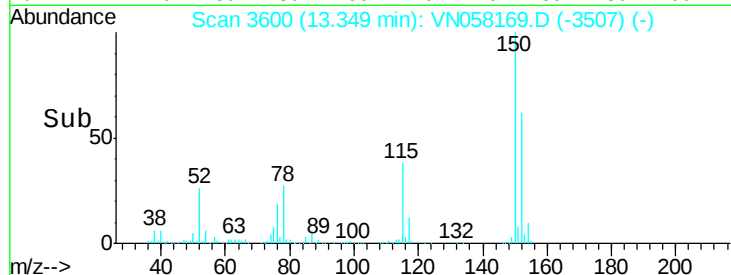
150 161.2 0.0 346.4



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: 1.507 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058169.D

Acq: 18 Sep 2019 17:58

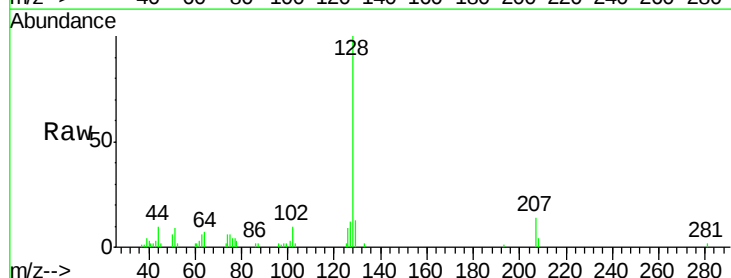
Tgt Ion:128 Resp: 21671

Ion Ratio Lower Upper

128 100

127 11.1 10.2 15.2

129 11.9 8.6 12.8



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

