

Data File : VN057197.D
Acq On : 11 Aug 2019 19:06
Operator : JC/SP
Sample : K4244-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

Quant Time: Aug 12 07:25:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

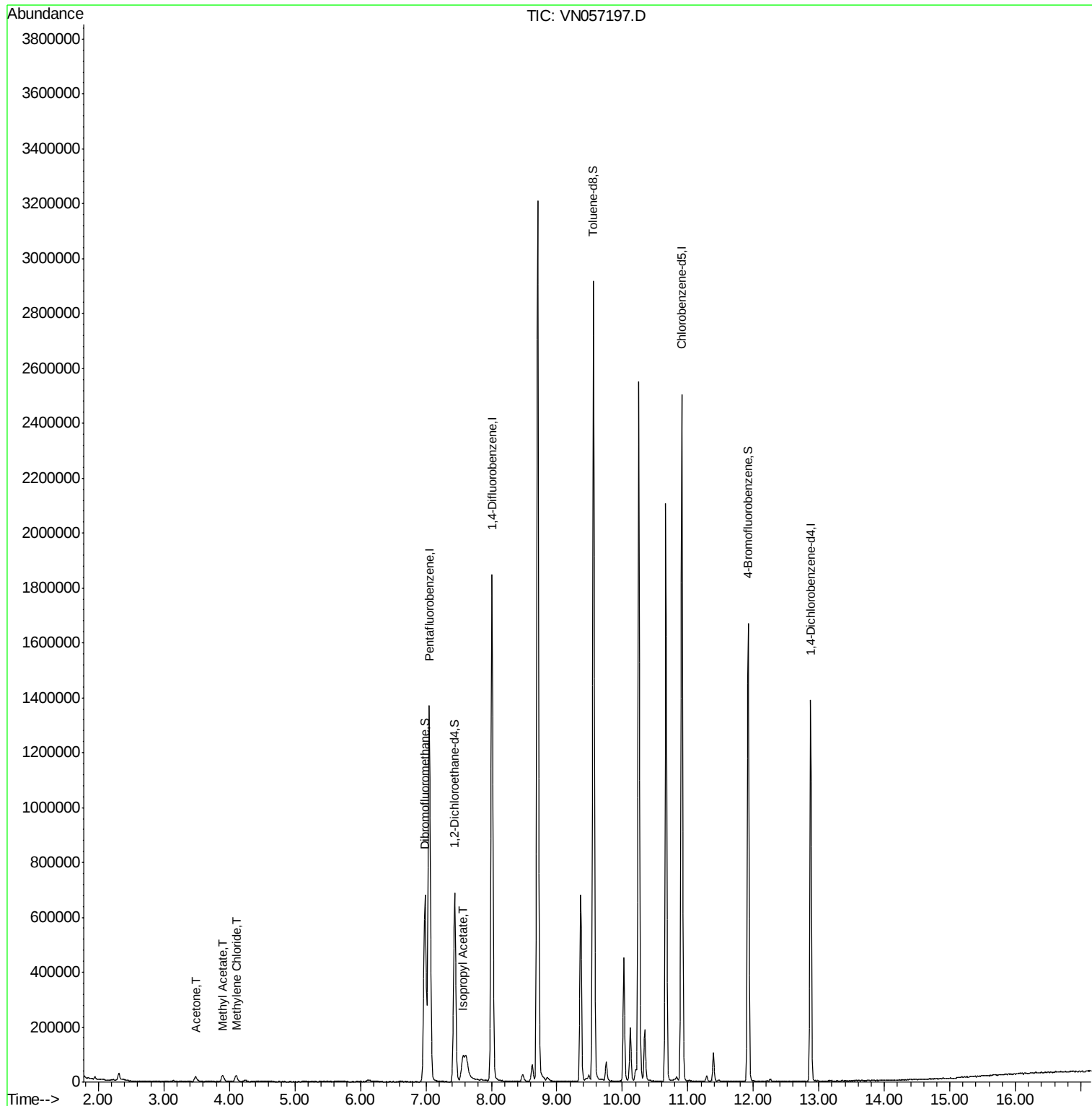
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1327097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1855147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1570959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	409711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	612467	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
35) Dibromofluoromethane	6.99	113	555788	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	9.56	98	2180760	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.92	95	572614	39.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.80%	
Target Compounds						
16) Acetone	3.48	43	26540	6.439	ug/l	98
18) Methyl Acetate	3.90	43	40690	2.692	ug/l	99
20) Methylene Chloride	4.10	84	17532	1.289	ug/l #	93
43) Isopropyl Acetate	7.57	43	108902	5.068	ug/l #	71

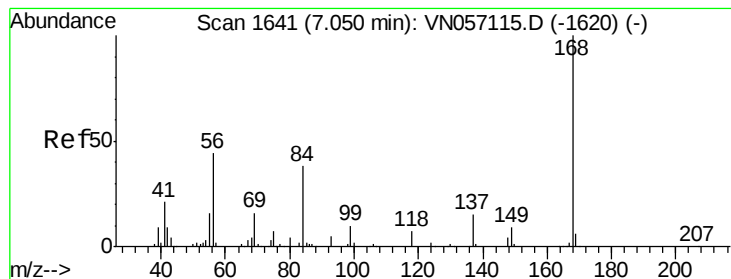
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

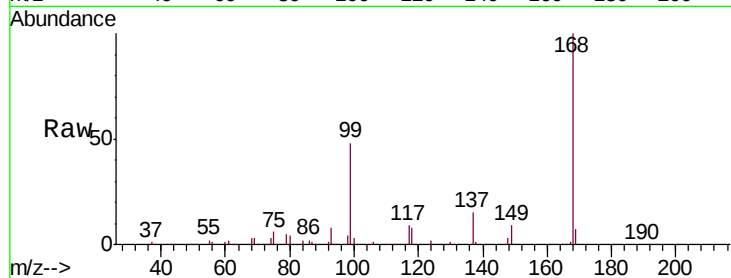
BERGEN-SP-1

Tgt Ion:168 Resp: 1327097

Ion Ratio Lower Upper

168 100

99 47.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057197.D (-1548) (-)

Ion 98.90 (98.60 to 99.60): VN057197.D (-1548) (-)

7.05

600000

500000

400000

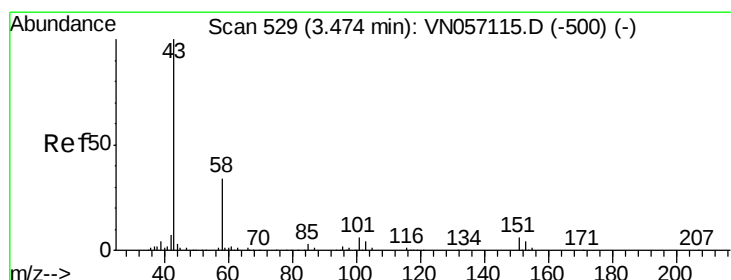
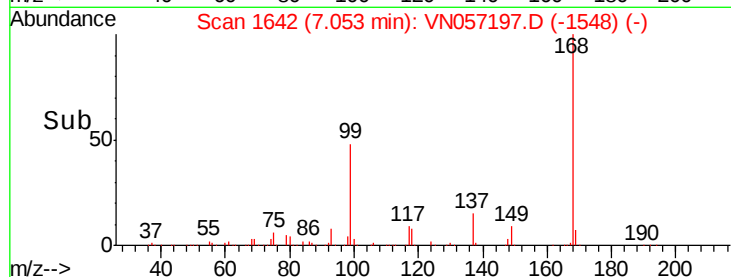
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.439 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057197.D

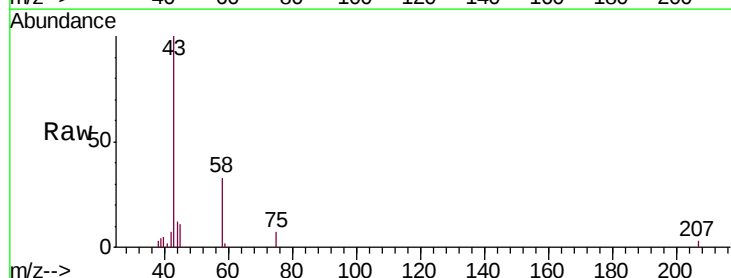
Acq: 11 Aug 2019 19:06

Tgt Ion: 43 Resp: 26540

Ion Ratio Lower Upper

43 100

58 33.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057197.D (-436) (-)

Ion 58.00 (57.70 to 58.70): VN057197.D (-436) (-)

3.48

12000

10000

8000

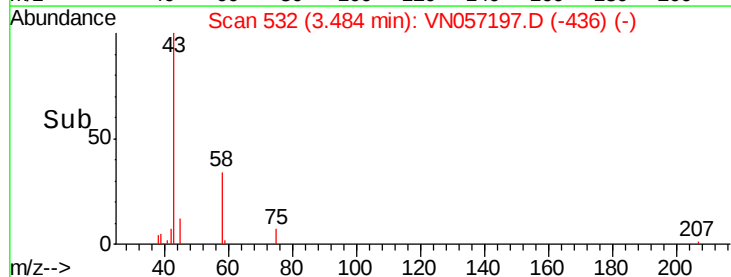
6000

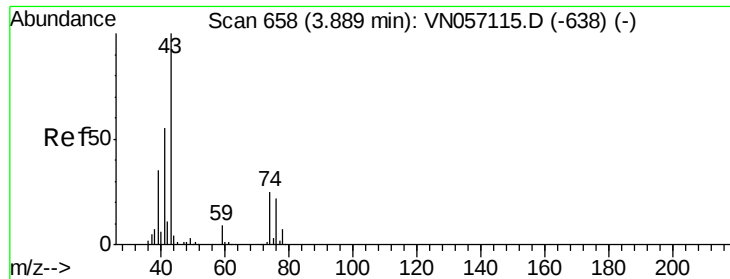
4000

2000

0

Time-->

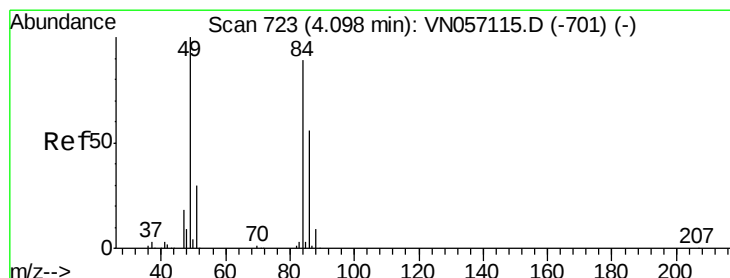
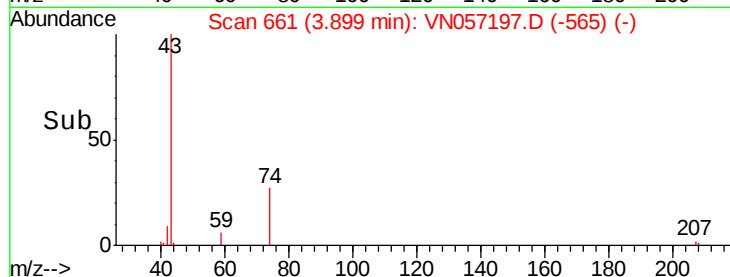
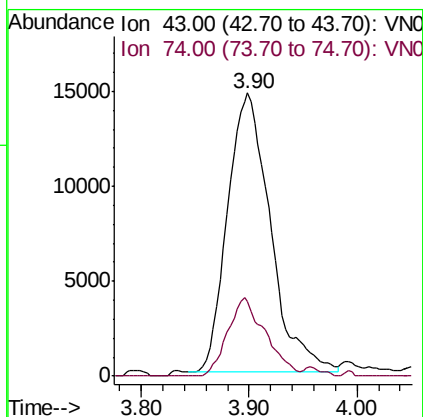
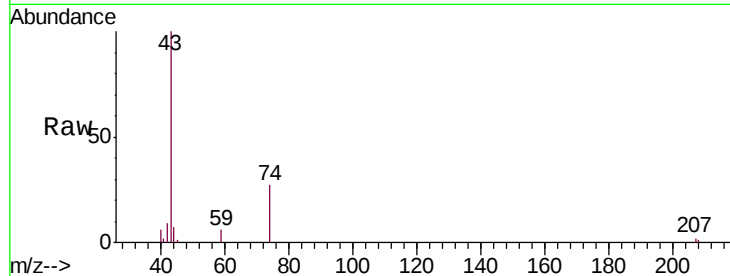




#18
Methyl Acetate
Concen: 2.692 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

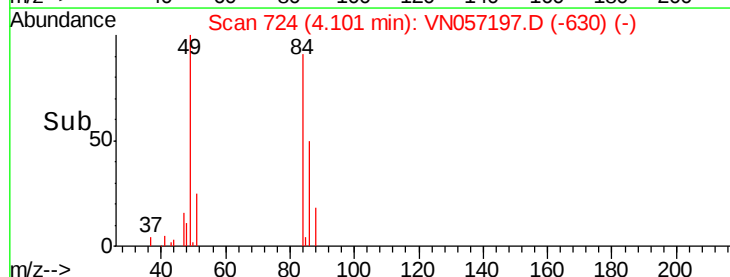
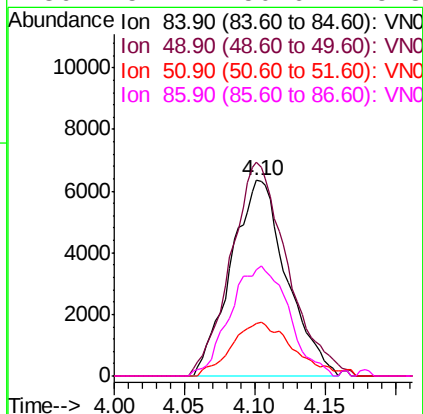
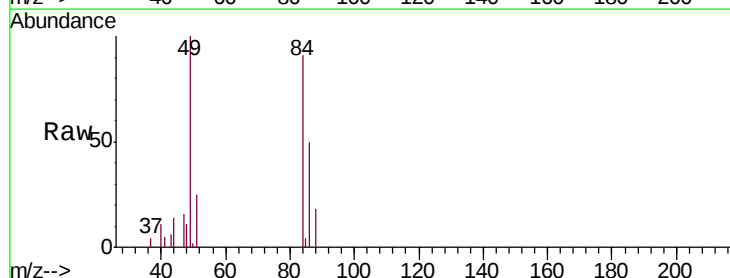
Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

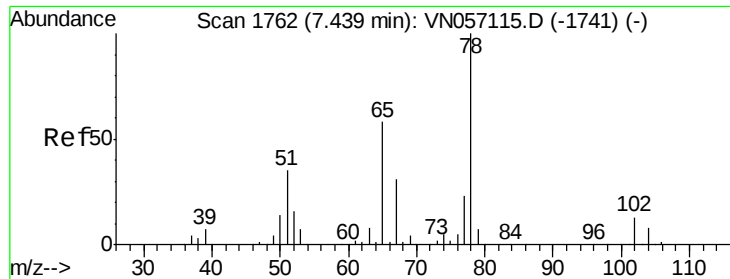
Tgt Ion: 43 Resp: 40690
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.4



#20
Methylene Chloride
Concen: 1.289 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion: 84 Resp: 17532
Ion Ratio Lower Upper
84 100
49 109.4 89.5 134.3
51 27.0 27.2 40.8#
86 54.4 50.6 75.8

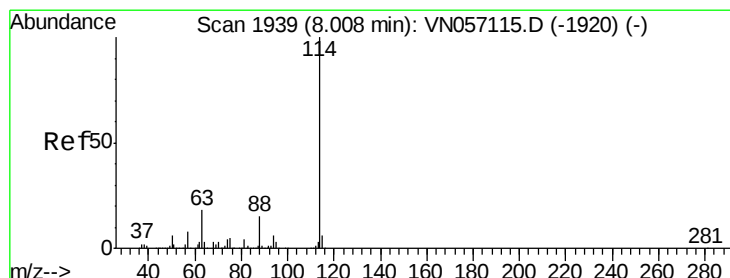
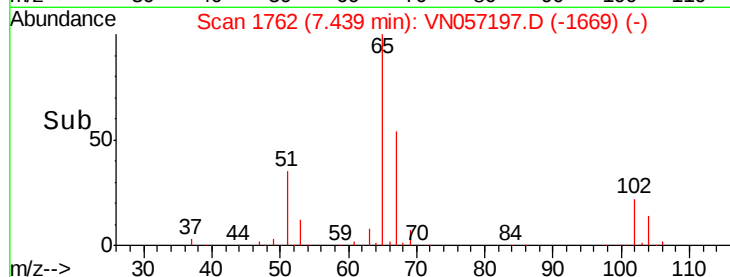
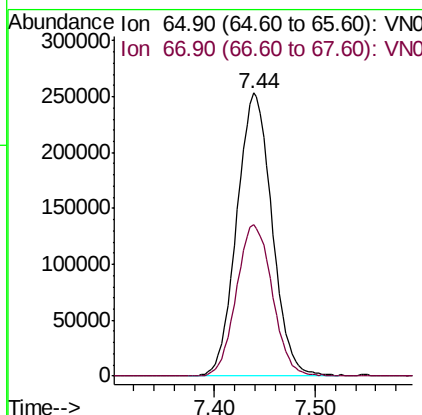
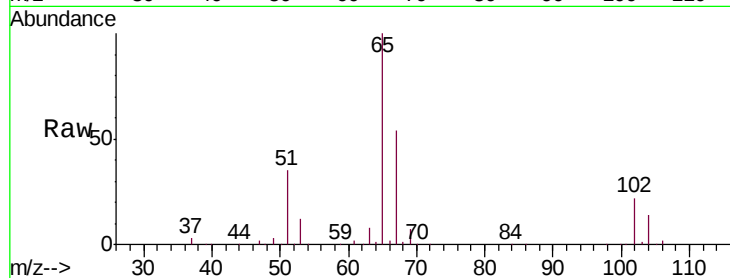




#33
 1,2-Dichloroethane-d4
 Concen: 44.875 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

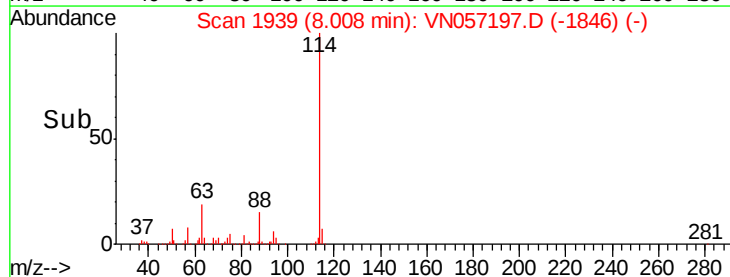
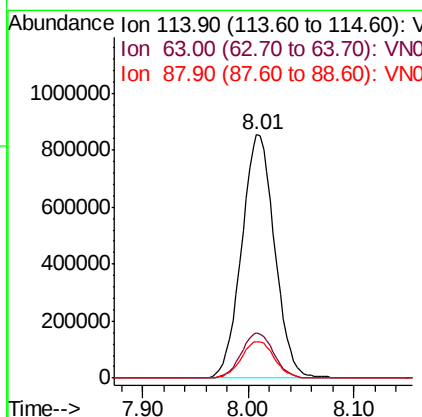
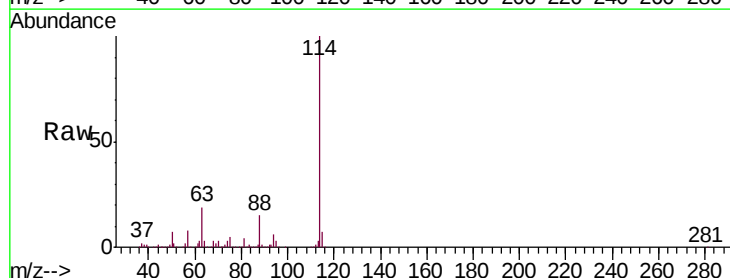
Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-1

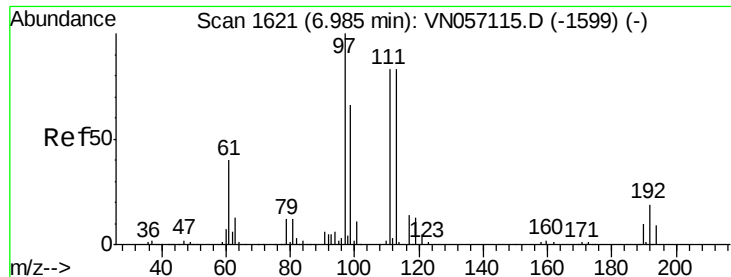
Tgt Ion: 65 Resp: 612467
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

Tgt Ion: 114 Resp: 1855147
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 15.1 0.0 30.0

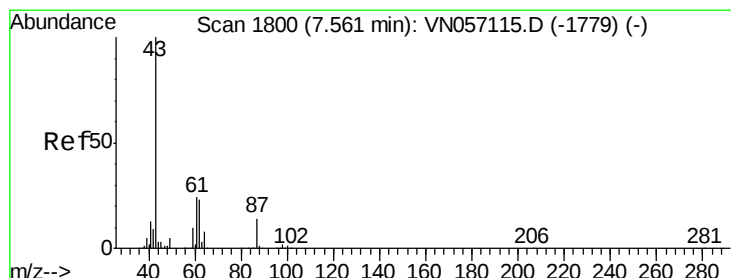
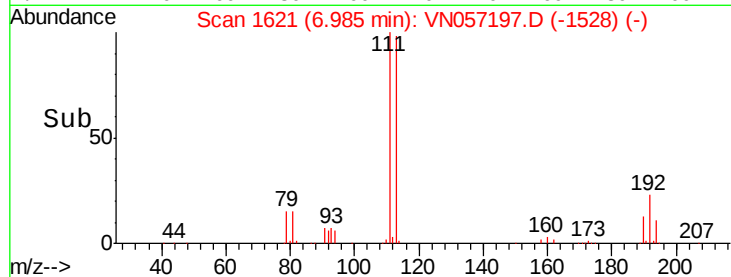
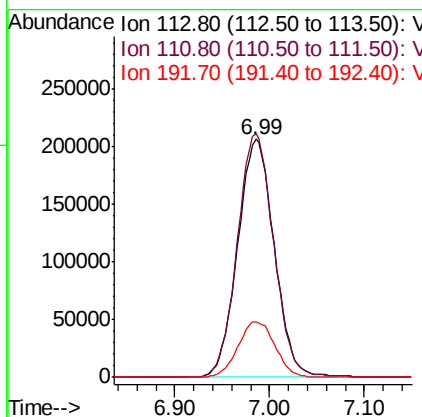
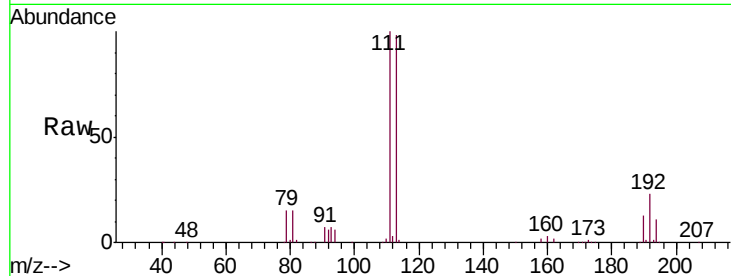




#35
 Dibromofluoromethane
 Concen: 47.743 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

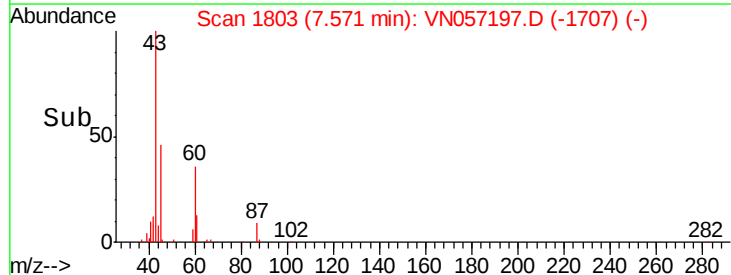
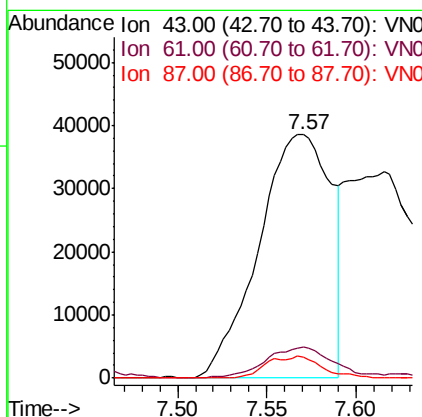
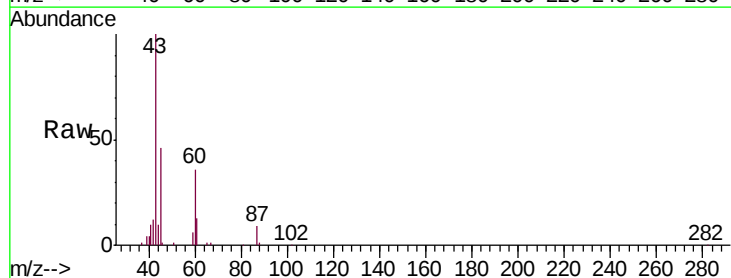
Instrument :
 MSVOA_N
 ClientSampled :
 BERGEN-SP-1

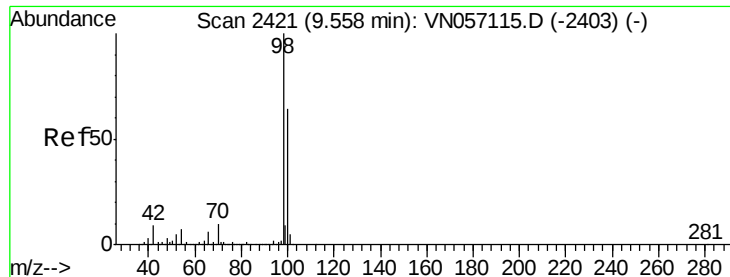
Tgt Ion: 113 Resp: 555788
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 23.8 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 5.068 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

Tgt Ion: 43 Resp: 108902
 Ion Ratio Lower Upper
 43 100
 61 12.0 24.2 36.2#
 87 6.8 11.8 17.8#





#50

Toluene-d8

Concen: 48.964 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

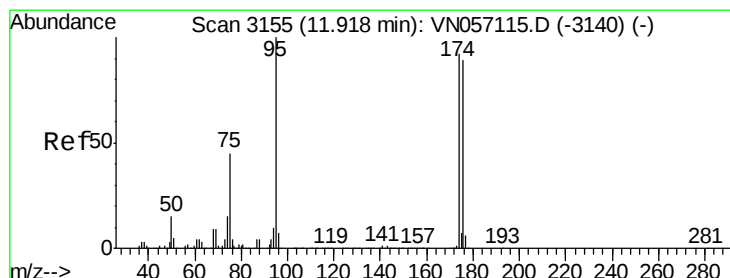
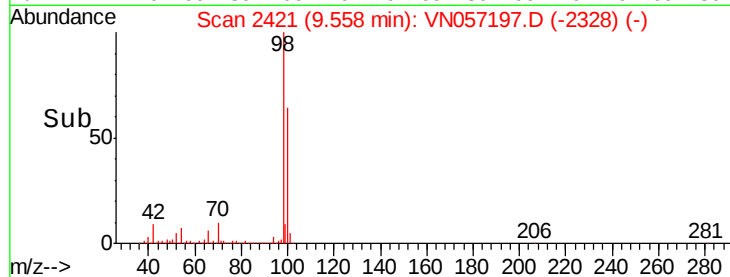
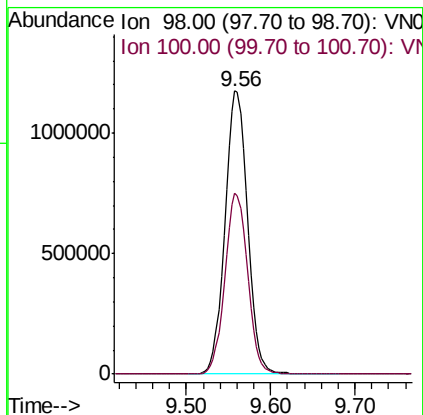
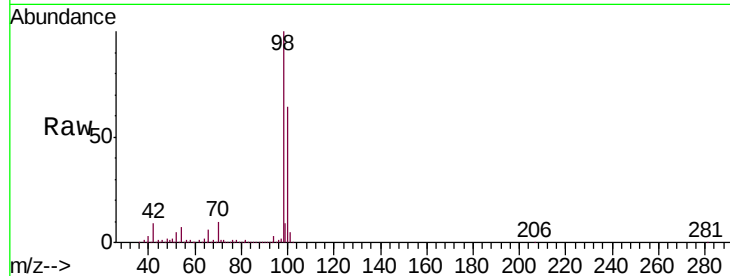
BERGEN-SP-1

Tgt Ion: 98 Resp: 2180760

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 39.902 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

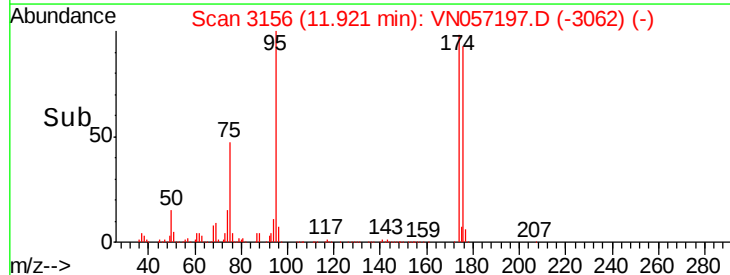
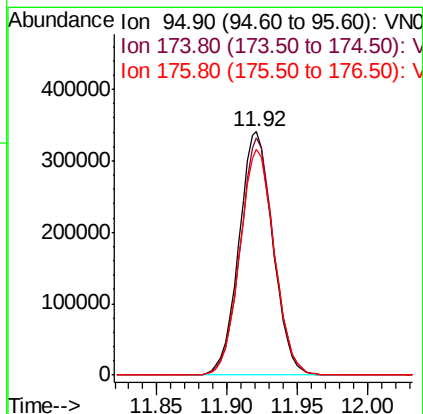
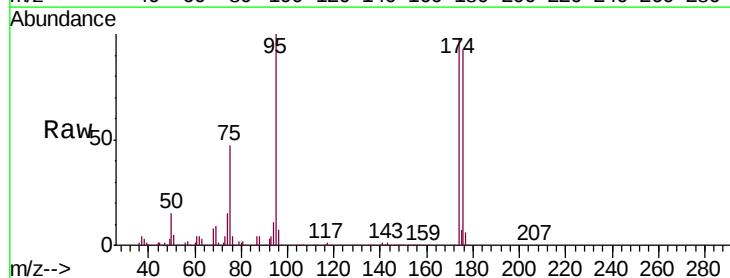
Tgt Ion: 95 Resp: 572614

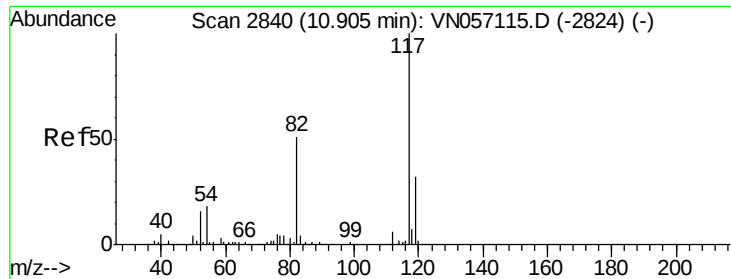
Ion Ratio Lower Upper

95 100

174 96.8 0.0 185.0

176 94.4 0.0 181.2

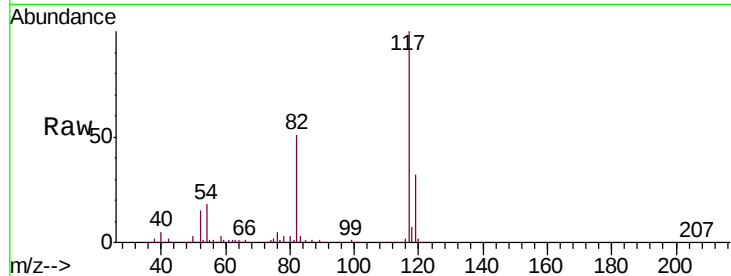




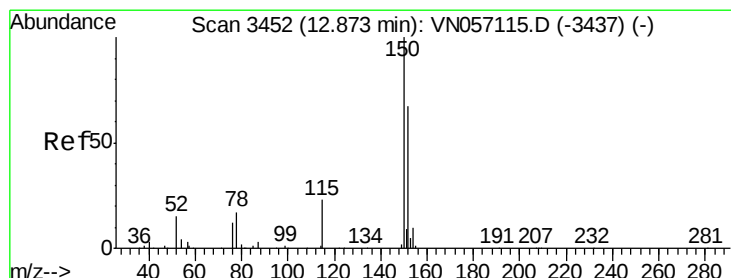
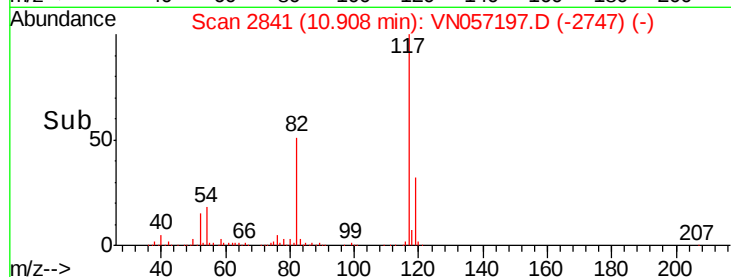
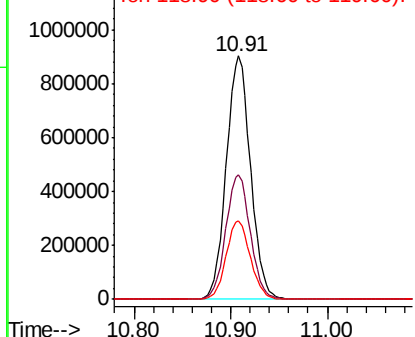
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

Tgt Ion:117 Resp: 1570959
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.3 25.7 38.5

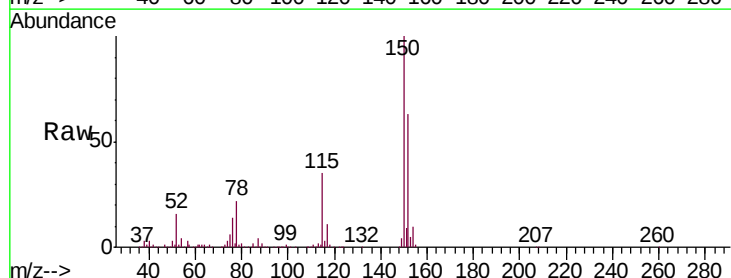


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion:152 Resp: 409711
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.5
150 158.0 0.0 341.6



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

