

Data File : VN057184.D
Acq On : 11 Aug 2019 13:51
Operator : JC/SP
Sample : K4227-25
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-J(1)

Quant Time: Aug 12 06:52:41 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	1349761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1880630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1572232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	412016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	627174	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
35) Dibromofluoromethane	6.99	113	566280	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	9.56	98	2198131	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.92	95	589429	40.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.04%	

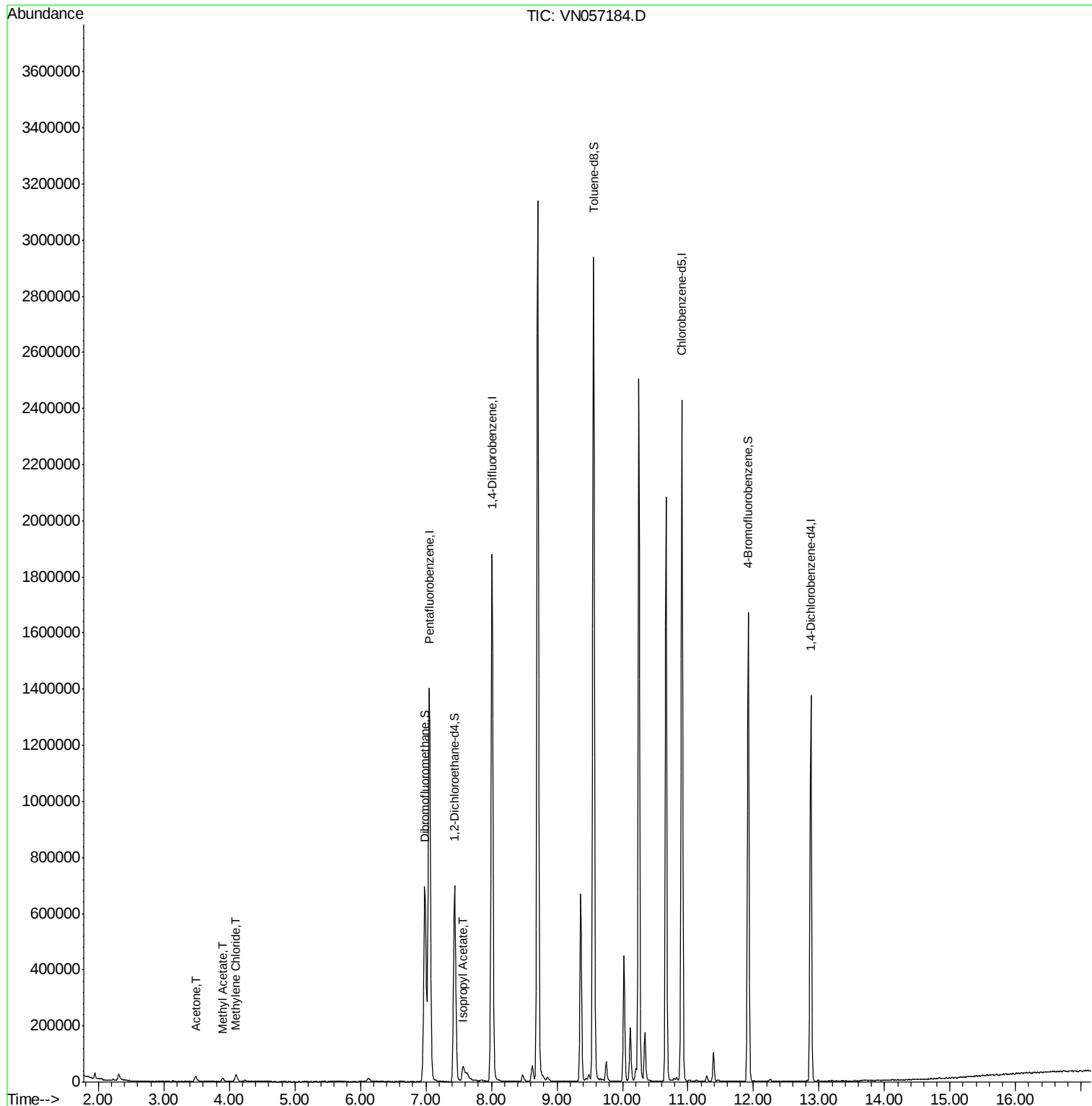
Target Compounds				Qvalue		
16) Acetone	3.48	43	27800	6.631	ug/l	98
18) Methyl Acetate	3.90	43	21635	1.089	ug/l #	75
20) Methylene Chloride	4.09	84	18962	1.371	ug/l	96
43) Isopropyl Acetate	7.56	43	67348	3.092	ug/l #	79

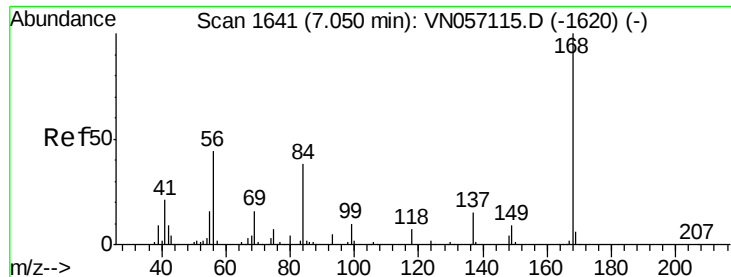
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057184.D

Acq: 11 Aug 2019 13:51

Instrument :

MSVOA_N

ClientSampleId :

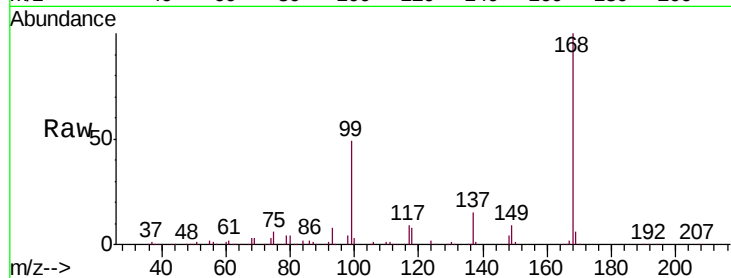
1S-J(1)

Tgt Ion:168 Resp: 1349761

Ion Ratio Lower Upper

168 100

99 48.8 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

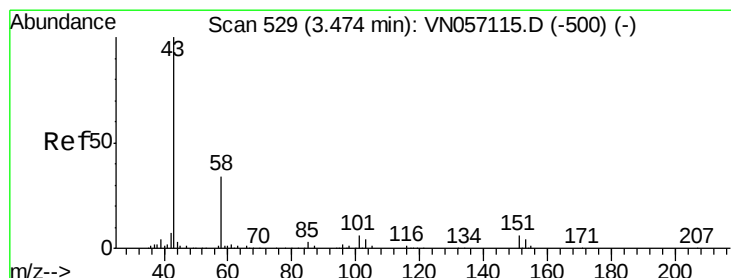
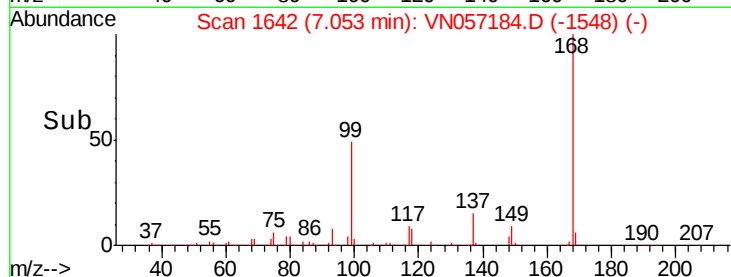
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.631 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057184.D

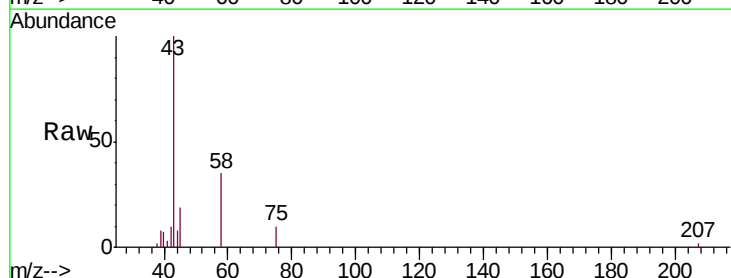
Acq: 11 Aug 2019 13:51

Tgt Ion: 43 Resp: 27800

Ion Ratio Lower Upper

43 100

58 35.4 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.48

12000

10000

8000

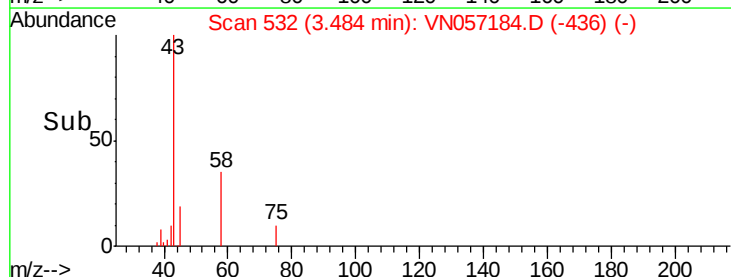
6000

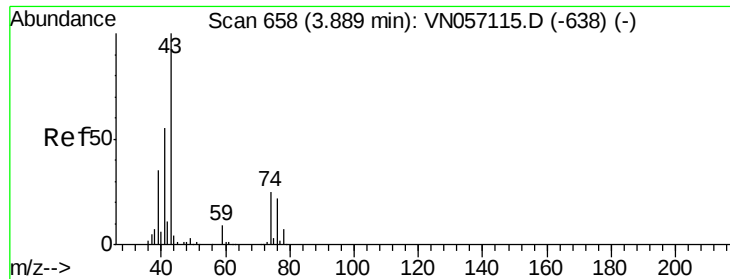
4000

2000

0

Time-->

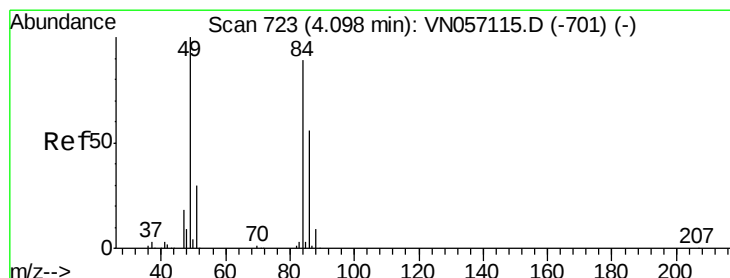
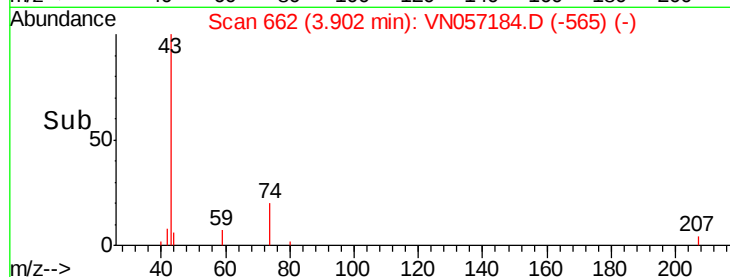
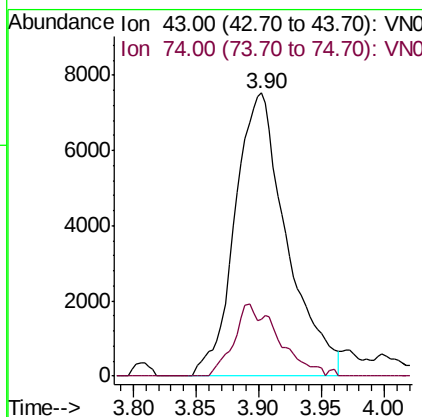
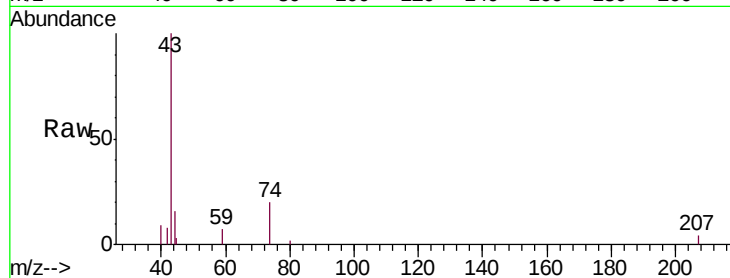




#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 3.90 min Scan# 662
Delta R.T. 0.01 min
Lab File: VN057184.D
Acq: 11 Aug 2019 13:51

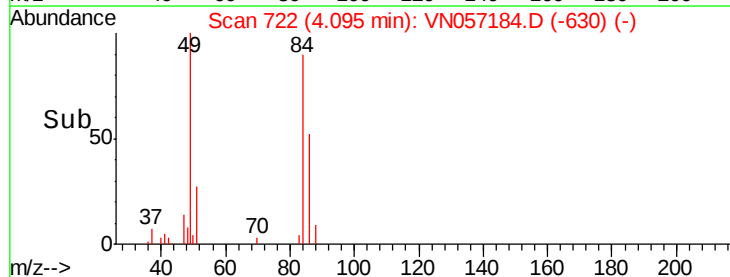
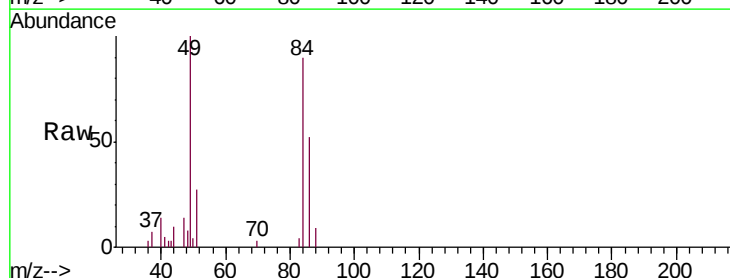
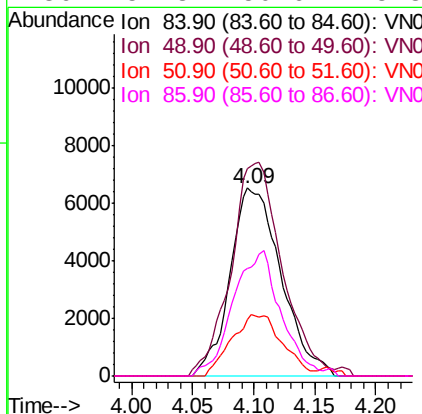
Instrument :
MSVOA_N
ClientSampleId :
1S-J-(1)

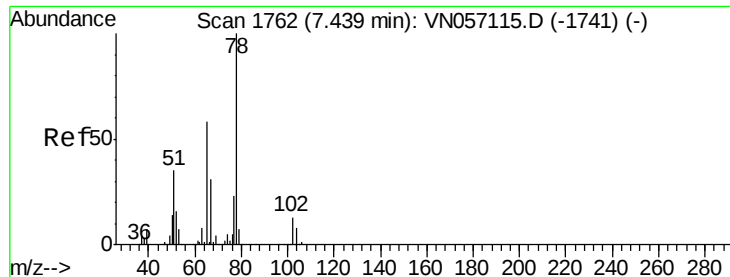
Tgt Ion: 43 Resp: 21635
Ion Ratio Lower Upper
43 100
74 12.6 20.2 30.4#



#20
Methylene Chloride
Concen: 1.371 ug/l
RT: 4.09 min Scan# 722
Delta R.T. -0.00 min
Lab File: VN057184.D
Acq: 11 Aug 2019 13:51

Tgt Ion: 84 Resp: 18962
Ion Ratio Lower Upper
84 100
49 110.6 89.5 134.3
51 29.8 27.2 40.8
86 57.3 50.6 75.8

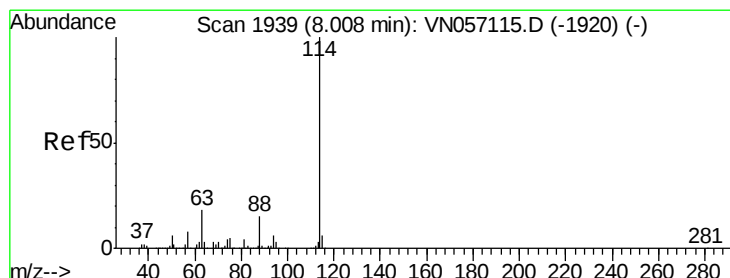
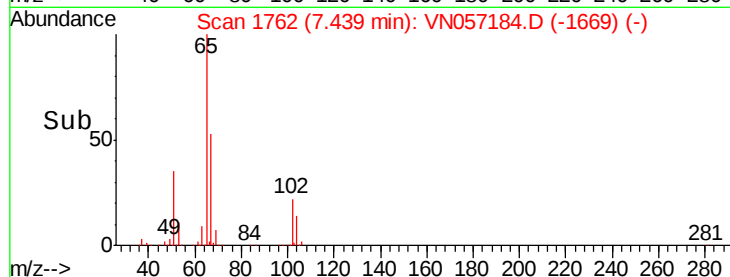
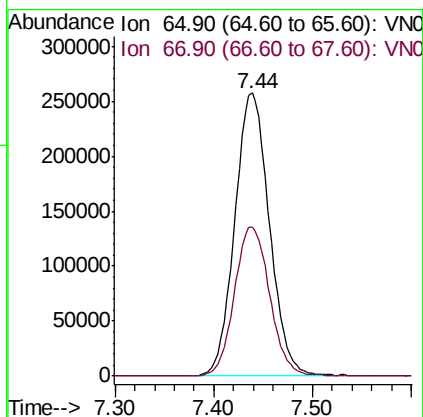
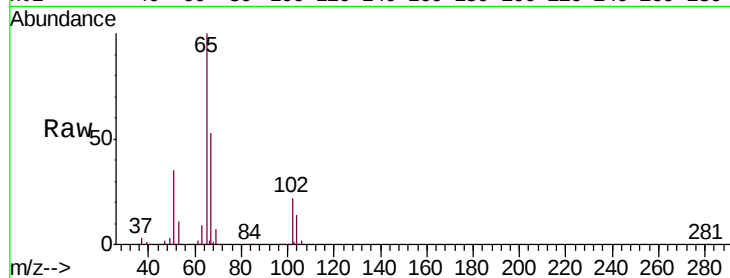




#33
 1,2-Dichloroethane-d4
 Concen: 45.181 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VN057184.D
 Acq: 11 Aug 2019 13:51

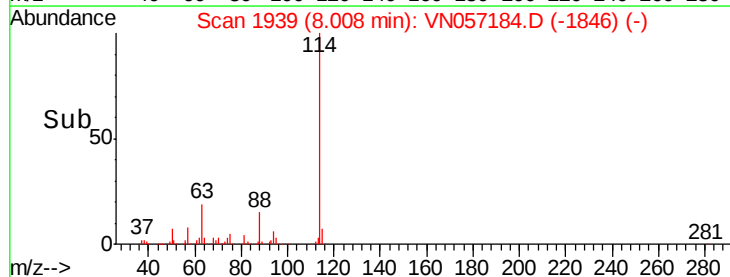
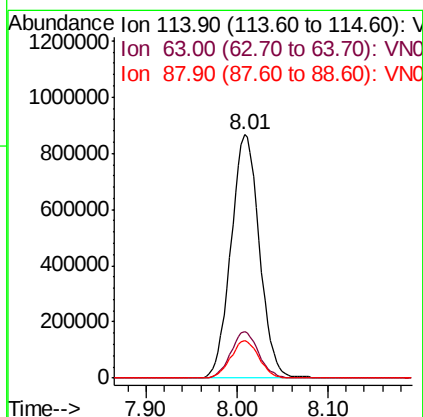
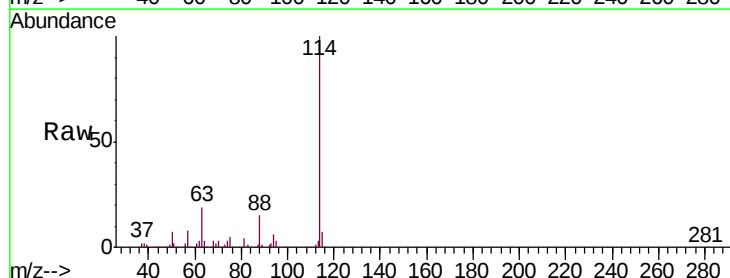
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-J(1)

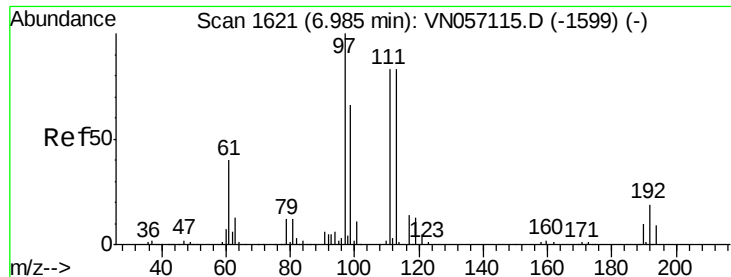
Tgt Ion: 65 Resp: 627174
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057184.D
 Acq: 11 Aug 2019 13:51

Tgt Ion: 114 Resp: 1880630
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.2
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.985 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VN057184.D

Acq: 11 Aug 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

1S-J(1)

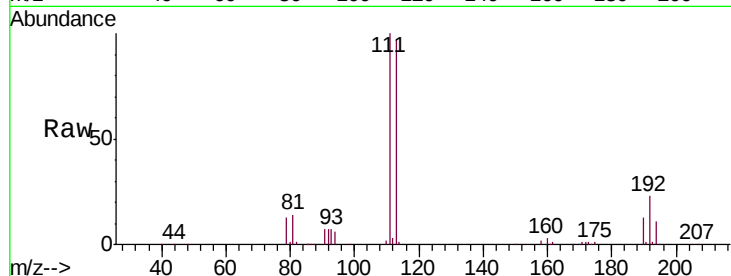
Tgt Ion:113 Resp: 566280

Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

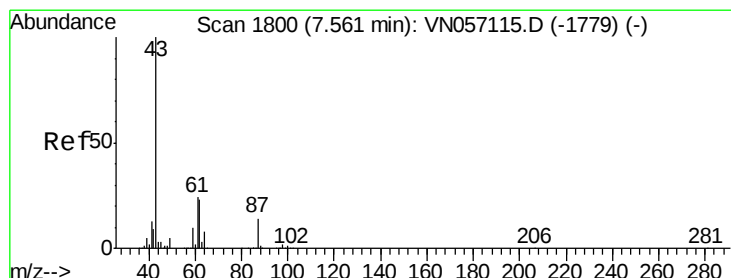
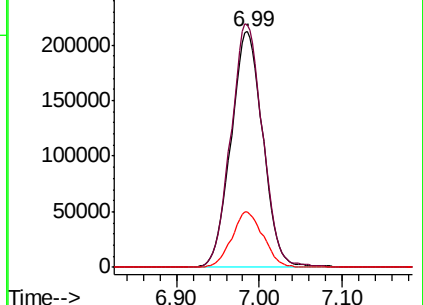
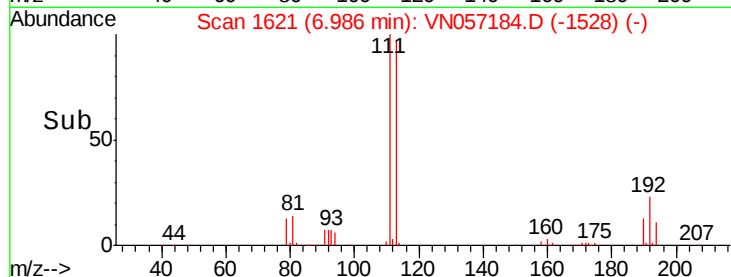
192 23.3 19.0 28.4



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: 3.092 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057184.D

Acq: 11 Aug 2019 13:51

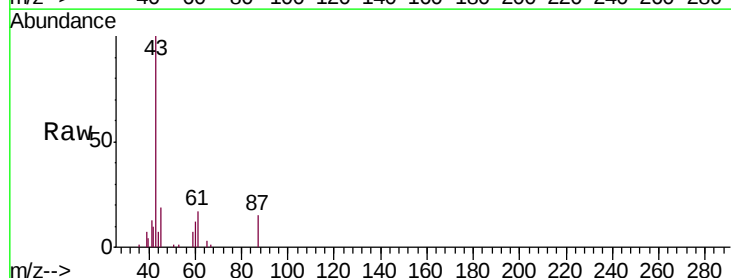
Tgt Ion: 43 Resp: 67348

Ion Ratio Lower Upper

43 100

61 15.5 24.2 36.2#

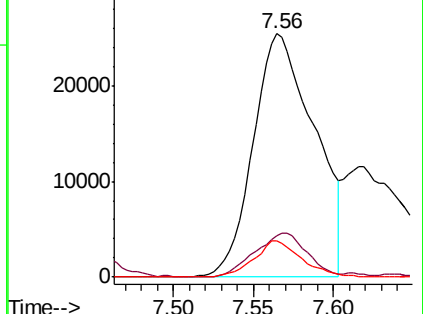
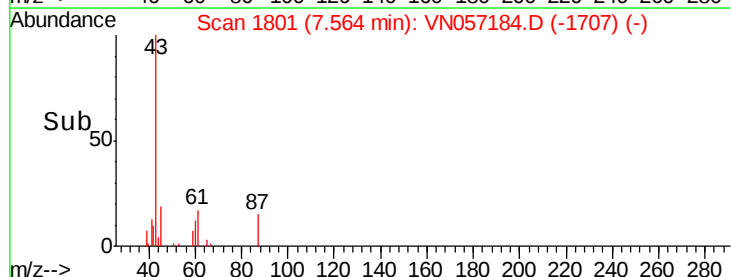
87 11.6 11.8 17.8#

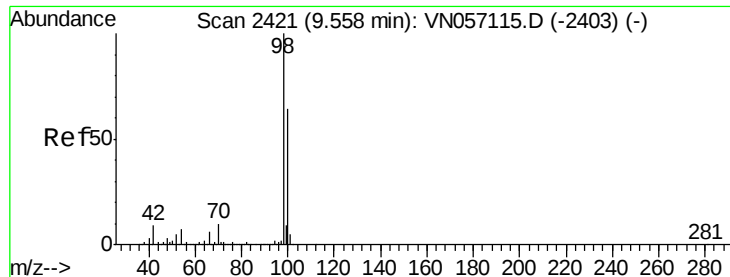


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.686 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. 0.00 min

Lab File: VN057184.D

Acq: 11 Aug 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

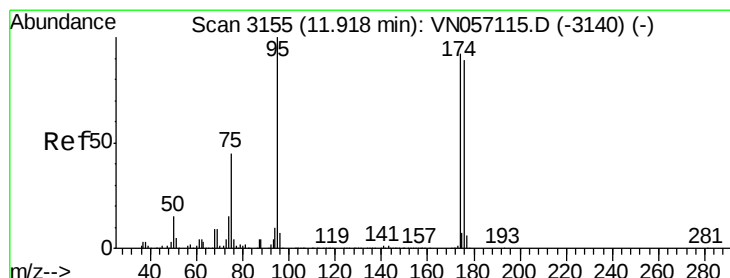
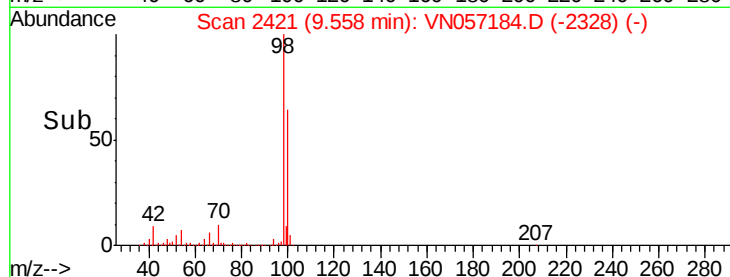
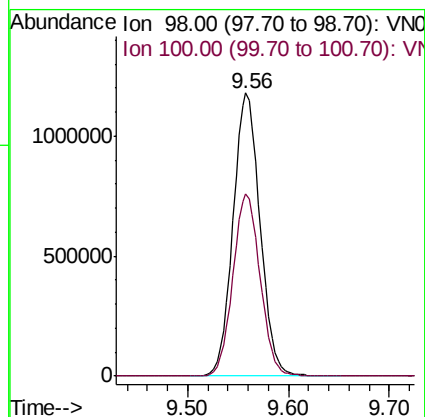
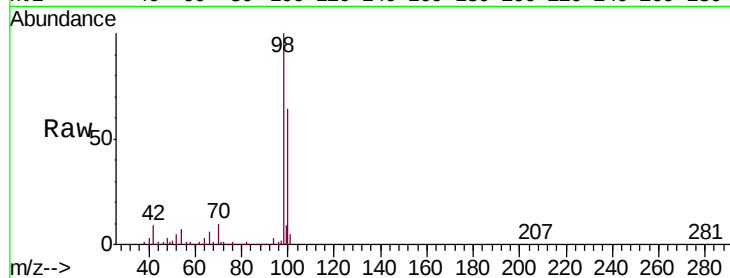
1S-J(1)

Tgt Ion: 98 Resp: 2198131

Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 40.517 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057184.D

Acq: 11 Aug 2019 13:51

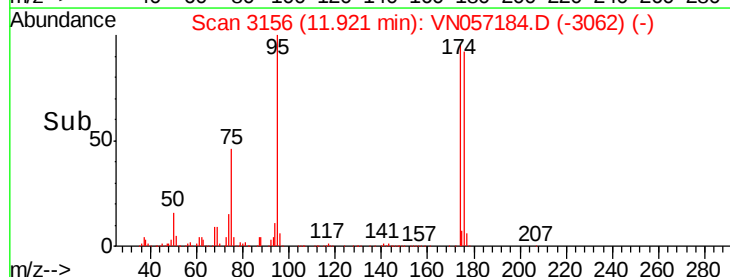
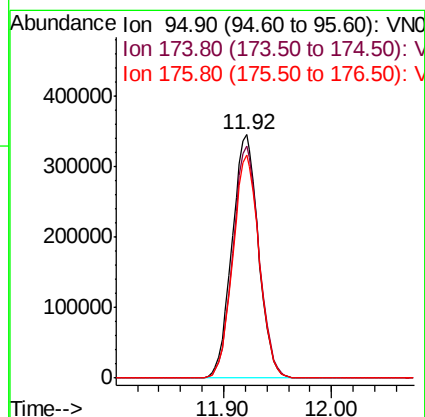
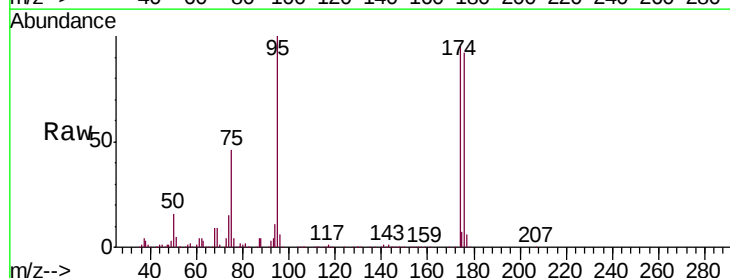
Tgt Ion: 95 Resp: 589429

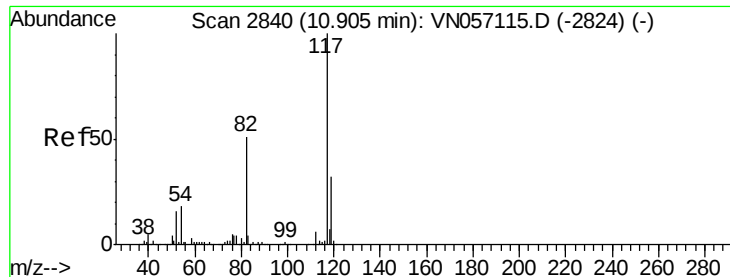
Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.0

176 91.1 0.0 181.2

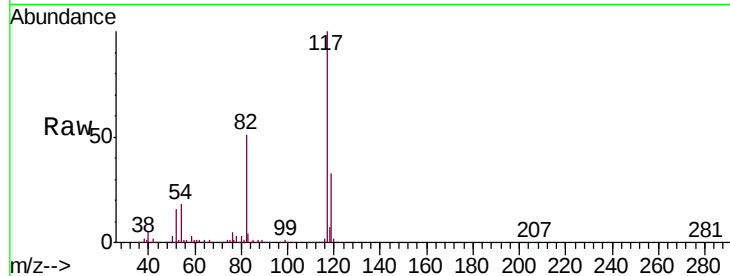




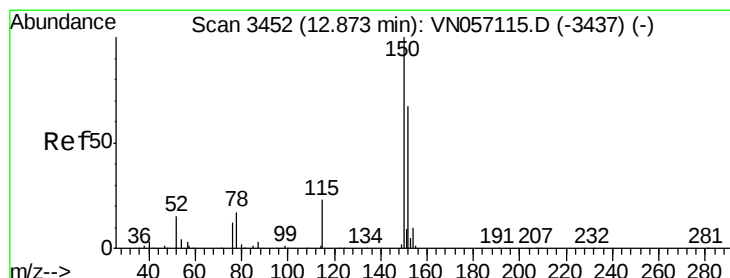
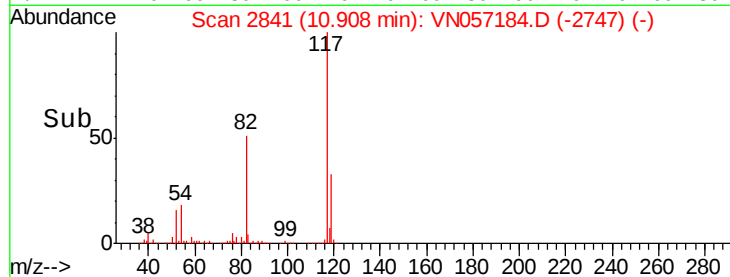
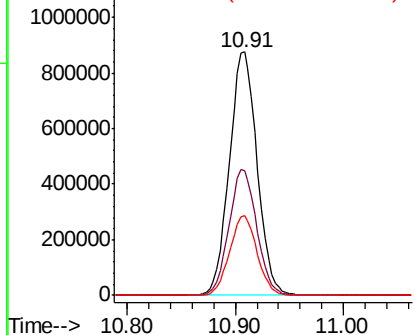
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057184.D
Acq: 11 Aug 2019 13:51

Instrument :
MSVOA_N
ClientSampled :
1S-J(1)

Tgt Ion:117 Resp: 1572232
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 32.7 25.7 38.5

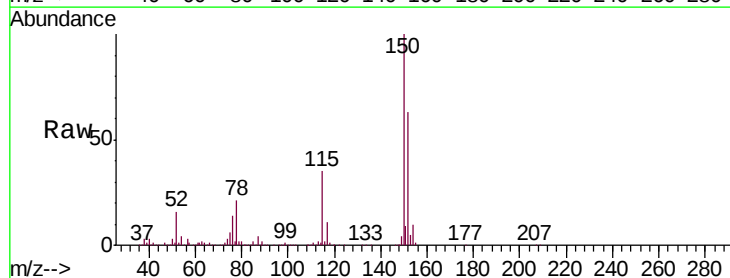


Abundance Ion 116.90 (116.60 to 117.60): V
1200000
Ion 82.00 (81.70 to 82.70): V
1000000
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057184.D
Acq: 11 Aug 2019 13:51

Tgt Ion:152 Resp: 412016
Ion Ratio Lower Upper
152 100
115 55.2 27.5 82.5
150 158.1 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
500000
Ion 114.90 (114.60 to 115.60): V
400000
Ion 149.90 (149.60 to 150.60): V

