

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057223.D
 Acq On : 12 Aug 2019 18:27
 Operator : JC/SP
 Sample : K4229-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-C2-(0)

Quant Time: Aug 13 03:06:06 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

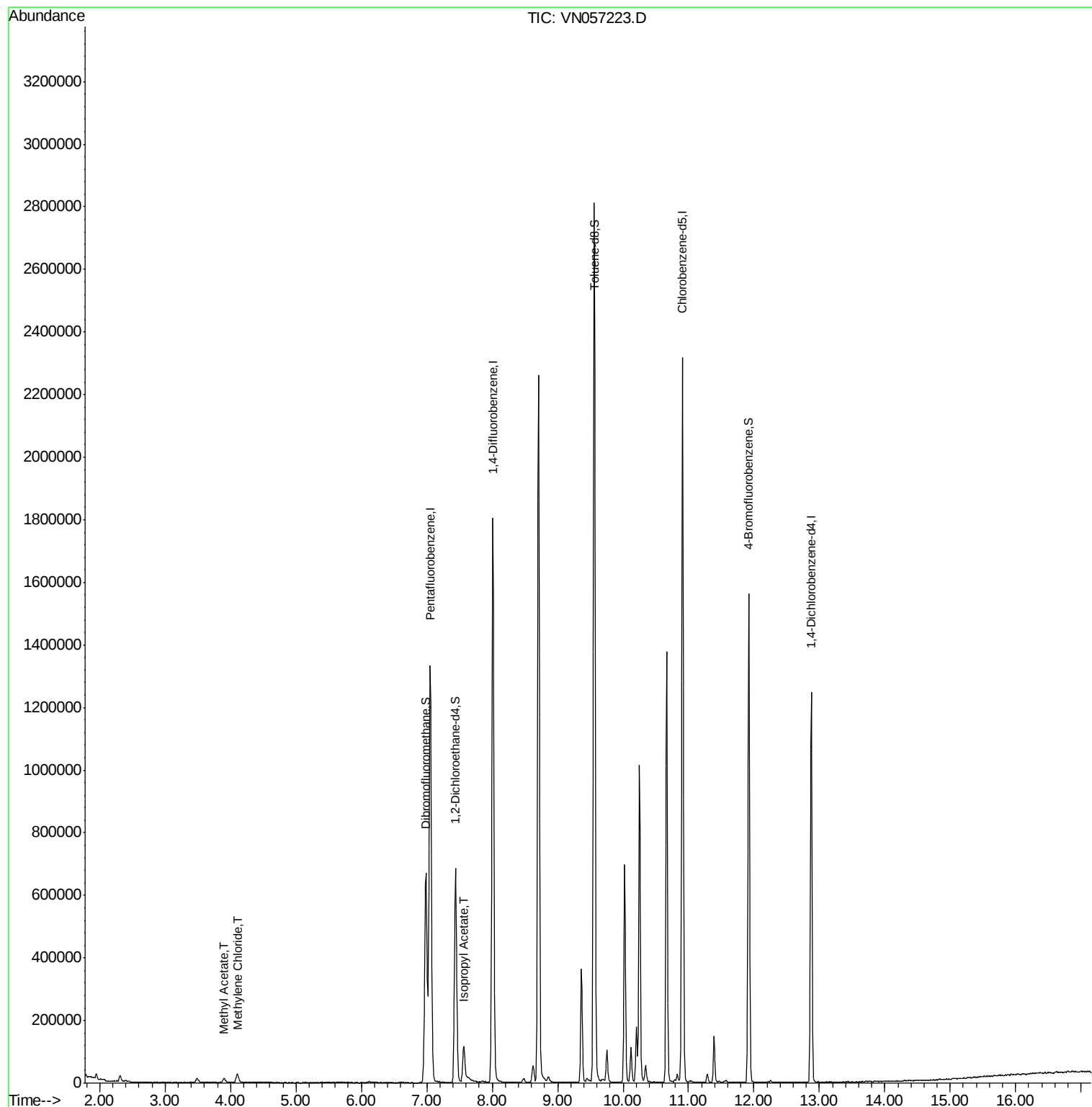
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1290144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1807265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1483304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	377457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	602067	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
35) Dibromofluoromethane	6.98	113	548180	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	9.56	98	2110442	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.92	95	539596	38.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.20%	
Target Compounds						
18) Methyl Acetate	3.90	43	26373	1.573	ug/l	93
20) Methylene Chloride	4.10	84	21960	1.661	ug/l	96
43) Isopropyl Acetate	7.57	43	153402	7.328	ug/l #	85

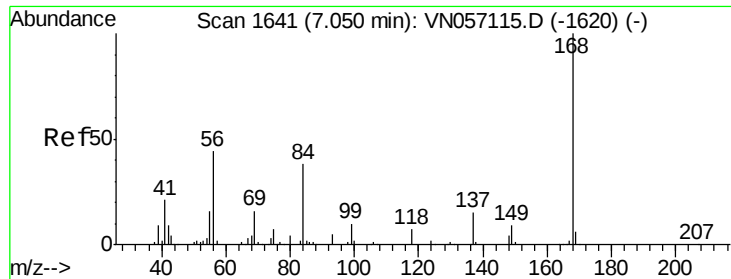
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\
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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057223.D

Acq: 12 Aug 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

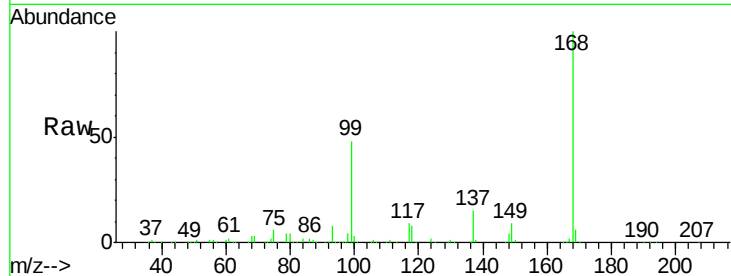
2S-C2-(0)

Tot Ion:168 Resp: 1290144

Ion Ratio Lower Upper

168 100

99 47.8 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

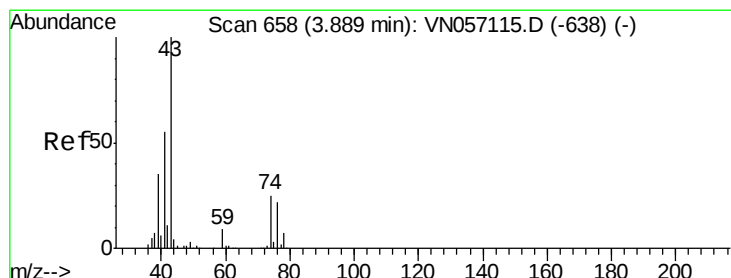
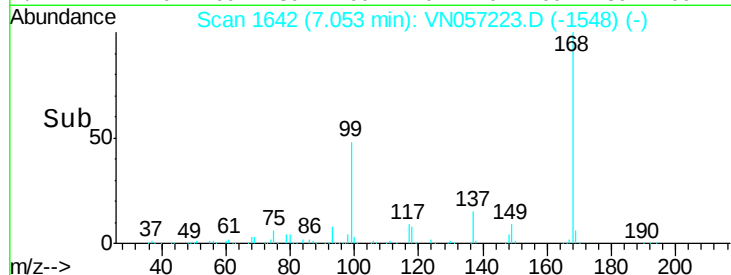
100000

0

7.05

7.00 7.10

Time-->



#18

Methyl Acetate

Concen: 1.573 ug/l

RT: 3.90 min Scan# 662

Delta R.T. 0.01 min

Lab File: VN057223.D

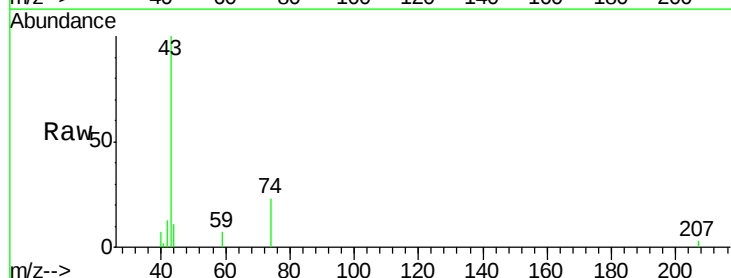
Acq: 12 Aug 2019 18:27

Tgt Ion: 43 Resp: 26373

Ion Ratio Lower Upper

43 100

74 21.9 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

10000

8000

6000

4000

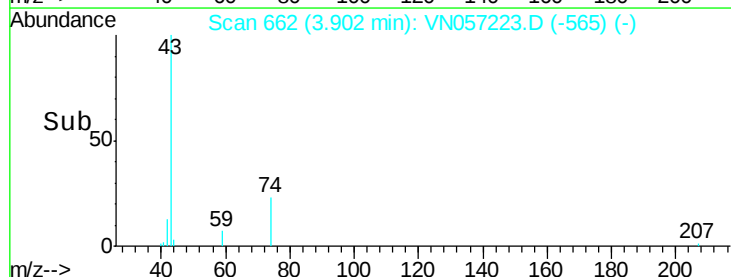
2000

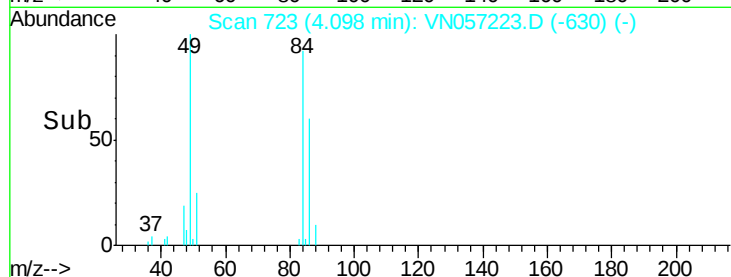
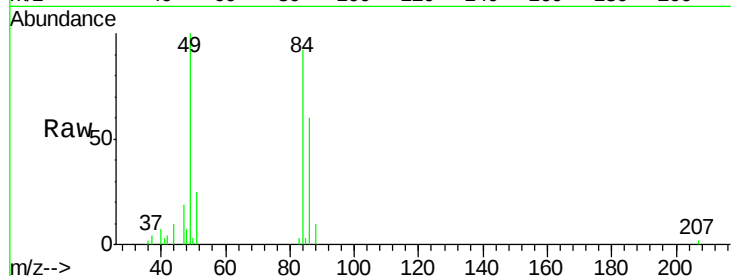
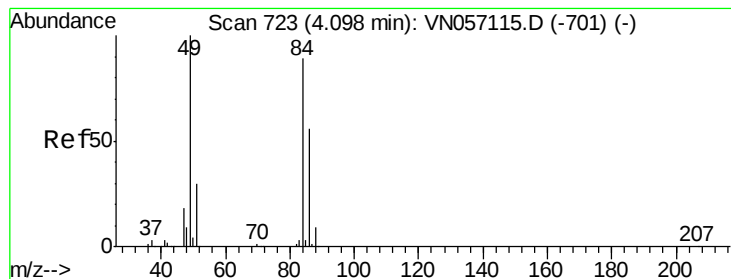
0

3.90

3.80 4.00

Time-->





#20

Methylene Chloride

Concen: 1.661 ug/l

RT: 4.10 min Scan# 723

Delta R.T. -0.00 min

Lab File: VN057223.D

Acq: 12 Aug 2019 18:27

Instrument :

MSVOA_N

ClientSampled :

2S-C2-(0)

Tot Ion: 84 Resp: 21960

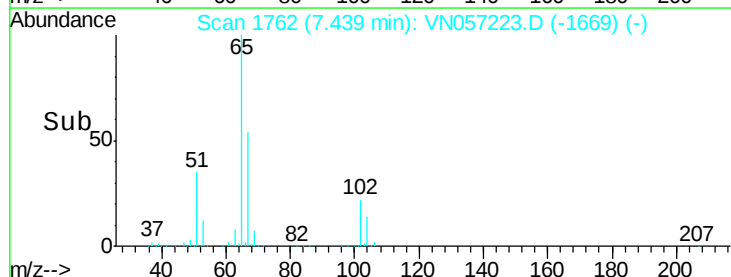
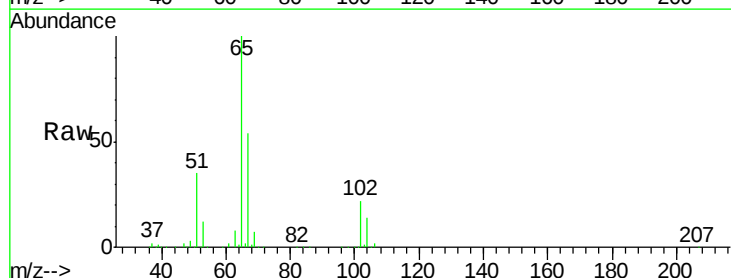
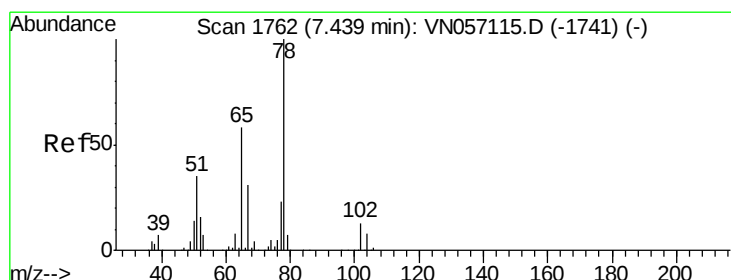
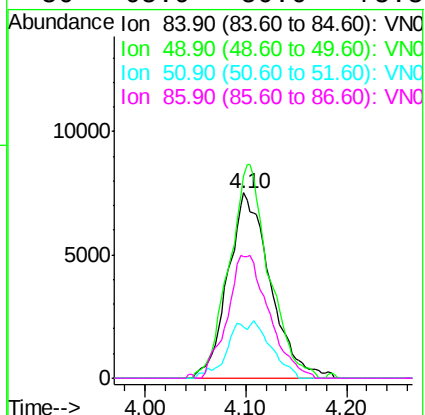
Ion Ratio Lower Upper

84 100

49 109.2 89.5 134.3

51 27.6 27.2 40.8

86 65.9 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 45.377 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057223.D

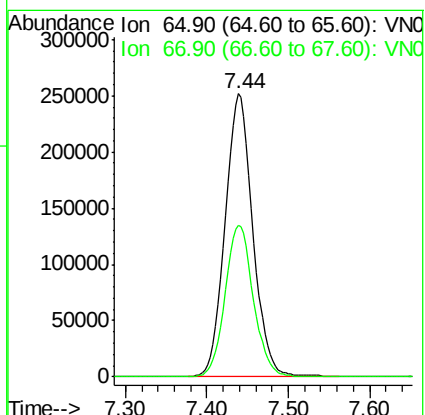
Acq: 12 Aug 2019 18:27

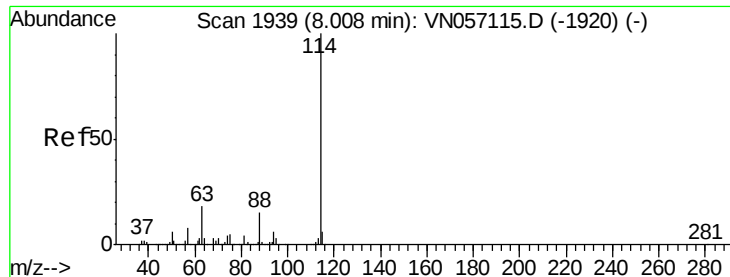
Tgt Ion: 65 Resp: 602067

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.2

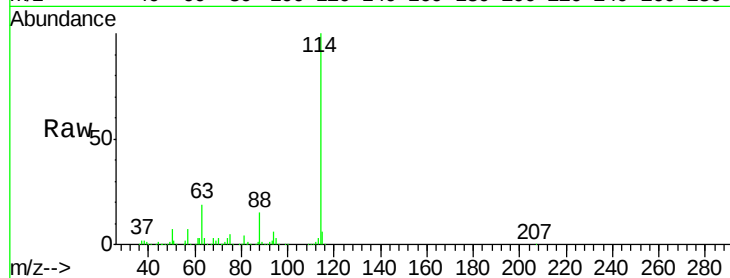




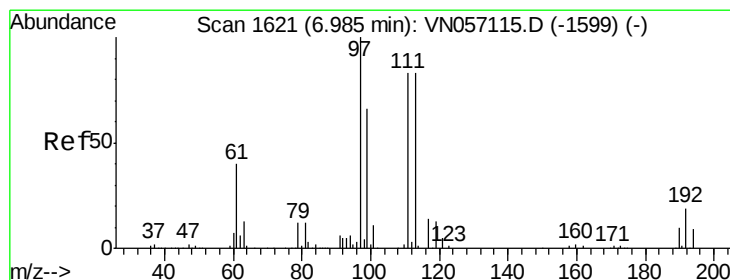
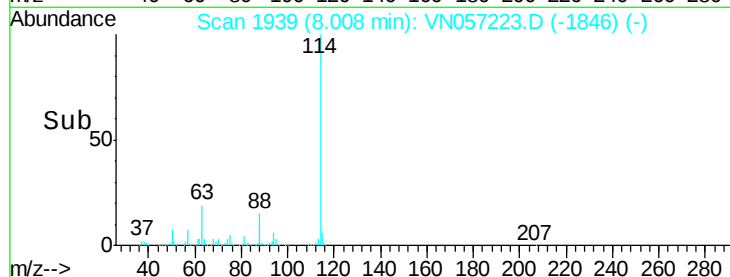
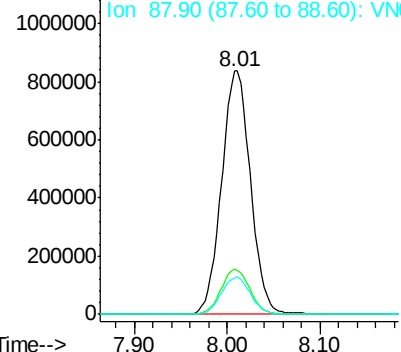
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN057223.D
Acq: 12 Aug 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
2S-C2-(0)

Tot Ion:114 Resp: 1807265
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.2
88 15.1 0.0 30.0

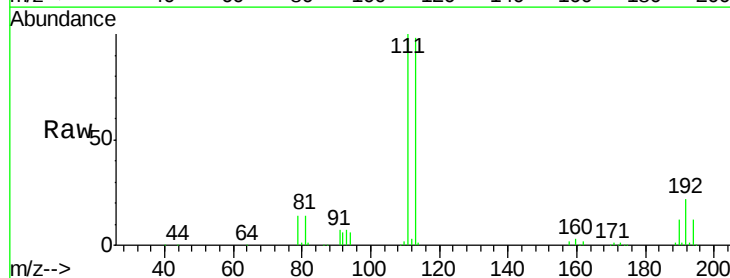


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

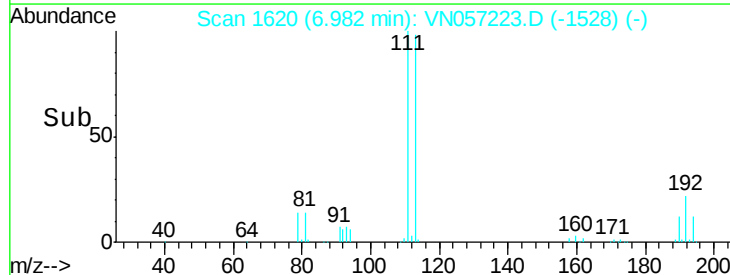
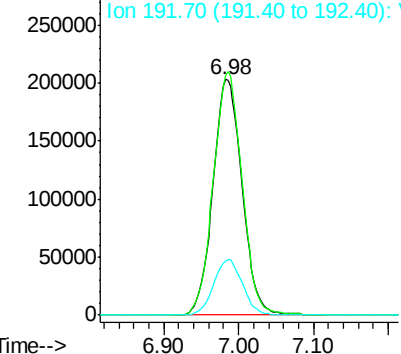


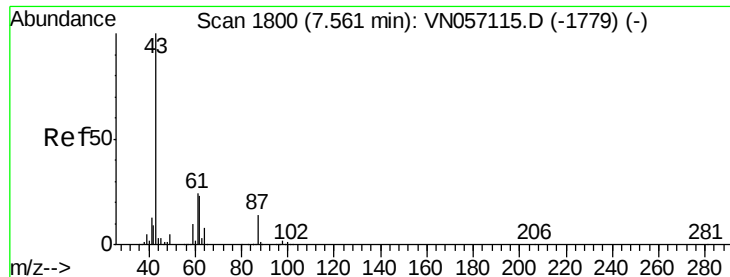
#35
Dibromofluoromethane
Concen: 48.337 ug/l
RT: 6.98 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VN057223.D
Acq: 12 Aug 2019 18:27

Tgt Ion:113 Resp: 548180
Ion Ratio Lower Upper
113 100
111 101.6 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: 7.328 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN057223.D

Acq: 12 Aug 2019 18:27

Instrument :

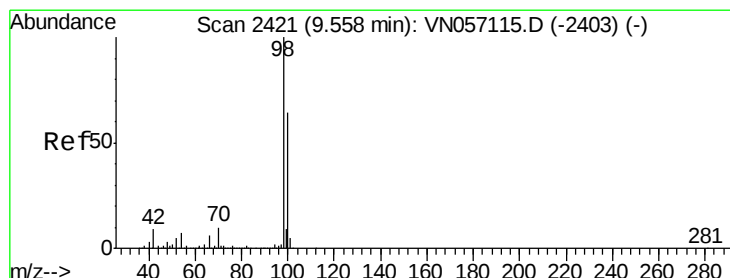
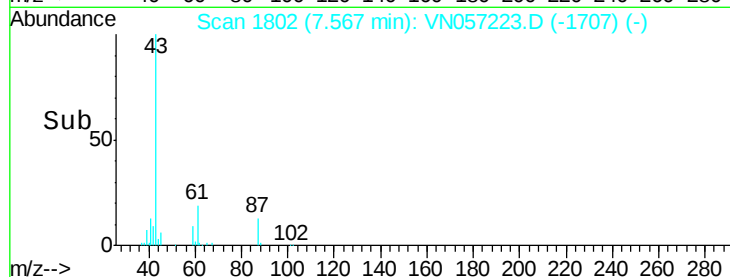
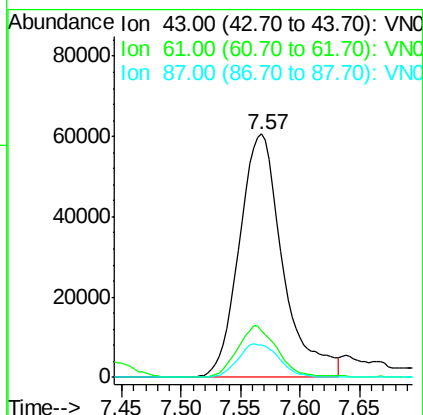
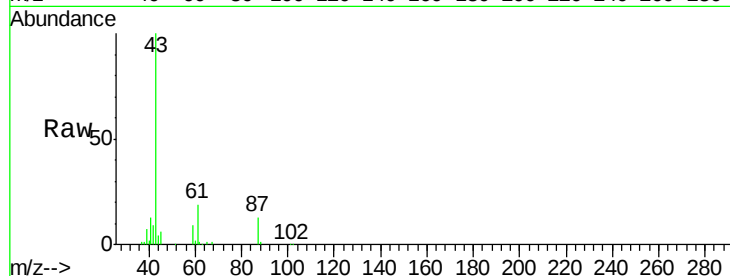
MSVOA_N

ClientSampleId :

2S-C2-(0)

Tot Ion: 43 Resp: 153402

Ion	Ratio	Lower	Upper
43	100		
61	19.3	24.2	36.2#
87	13.0	11.8	17.8



#50

Toluene-d8

Concen: 48.641 ug/l

RT: 9.56 min Scan# 2421

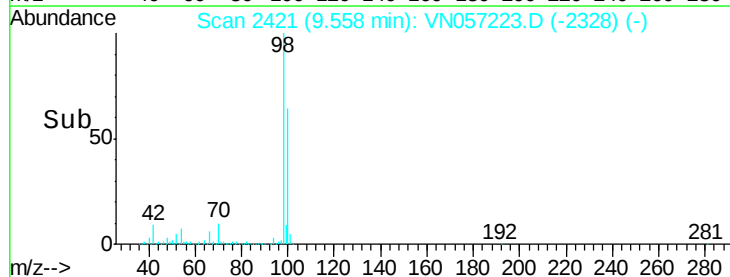
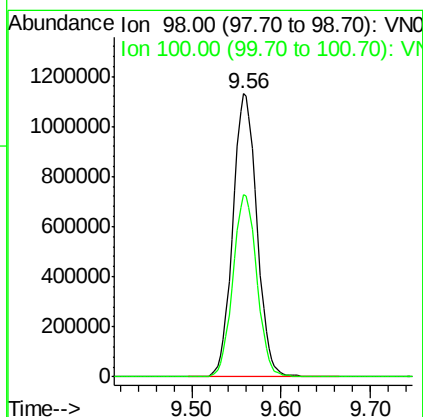
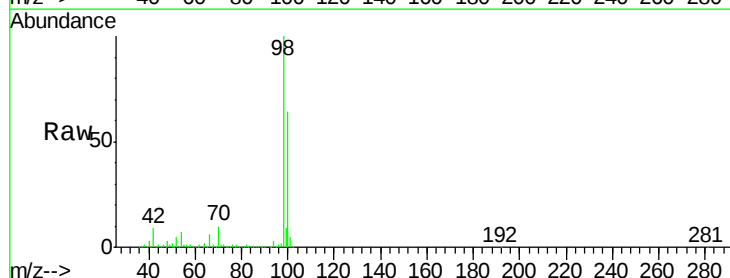
Delta R.T. -0.00 min

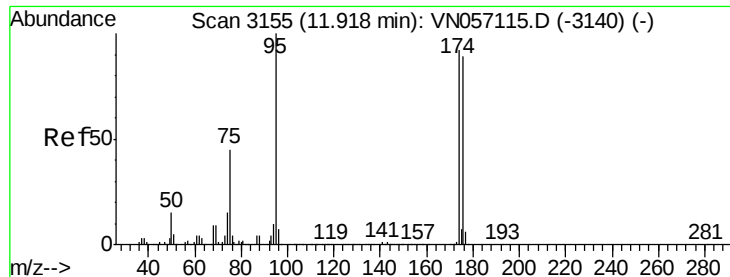
Lab File: VN057223.D

Acq: 12 Aug 2019 18:27

Tgt Ion: 98 Resp: 2110442

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 38.598 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057223.D

Acq: 12 Aug 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

2S-C2-(0)

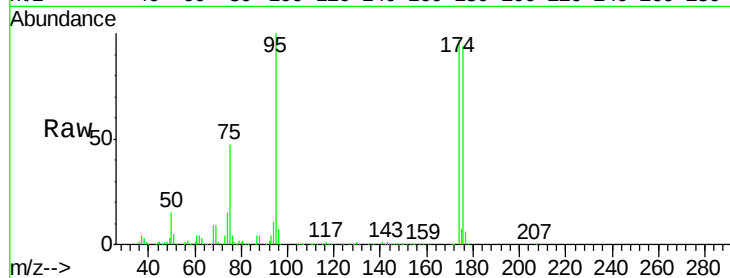
Tot Ion: 95 Resp: 539596

Ion Ratio Lower Upper

95 100

174 97.5 0.0 185.0

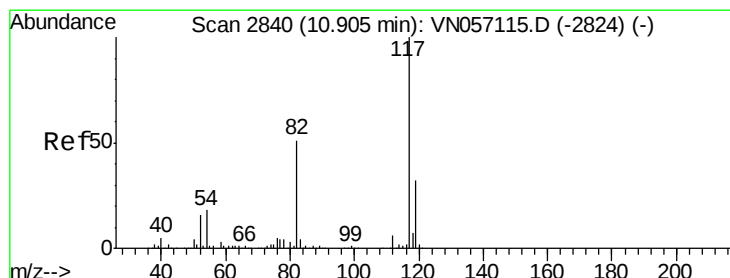
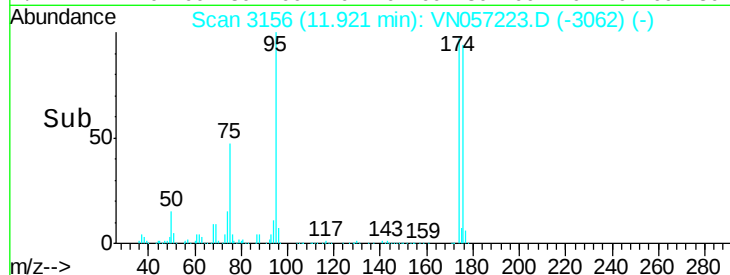
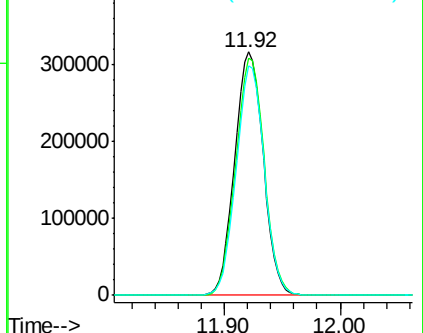
176 93.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057223.D

Acq: 12 Aug 2019 18:27

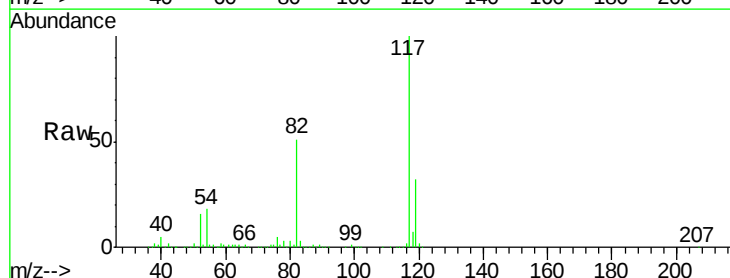
Tgt Ion: 117 Resp: 1483304

Ion Ratio Lower Upper

117 100

82 51.3 40.8 61.2

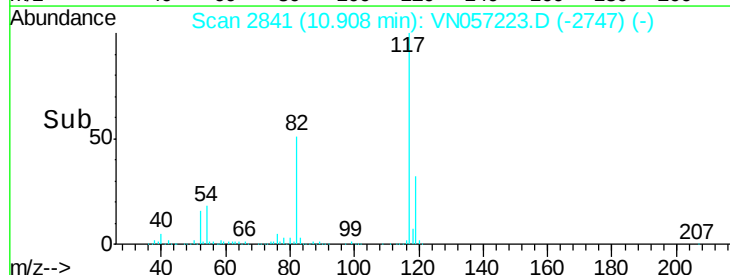
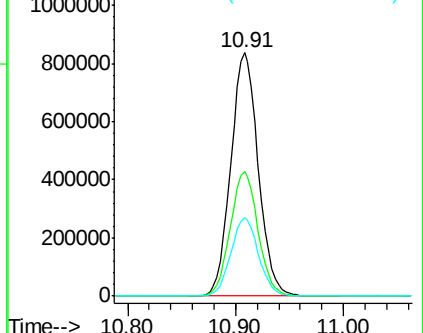
119 32.2 25.7 38.5

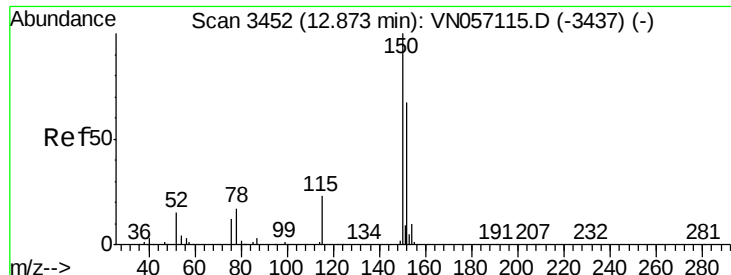


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057223.D

Acq: 12 Aug 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

2S-C2-(0)

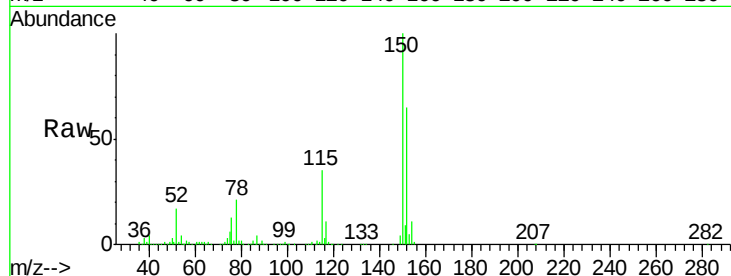
Tot Ion:152 Resp: 377457

Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.5

150 155.6 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

