

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057490.D
 Acq On : 23 Aug 2019 23:01
 Operator : JC/SP
 Sample : K4472-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(2.5)

Quant Time: Aug 26 06:08:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

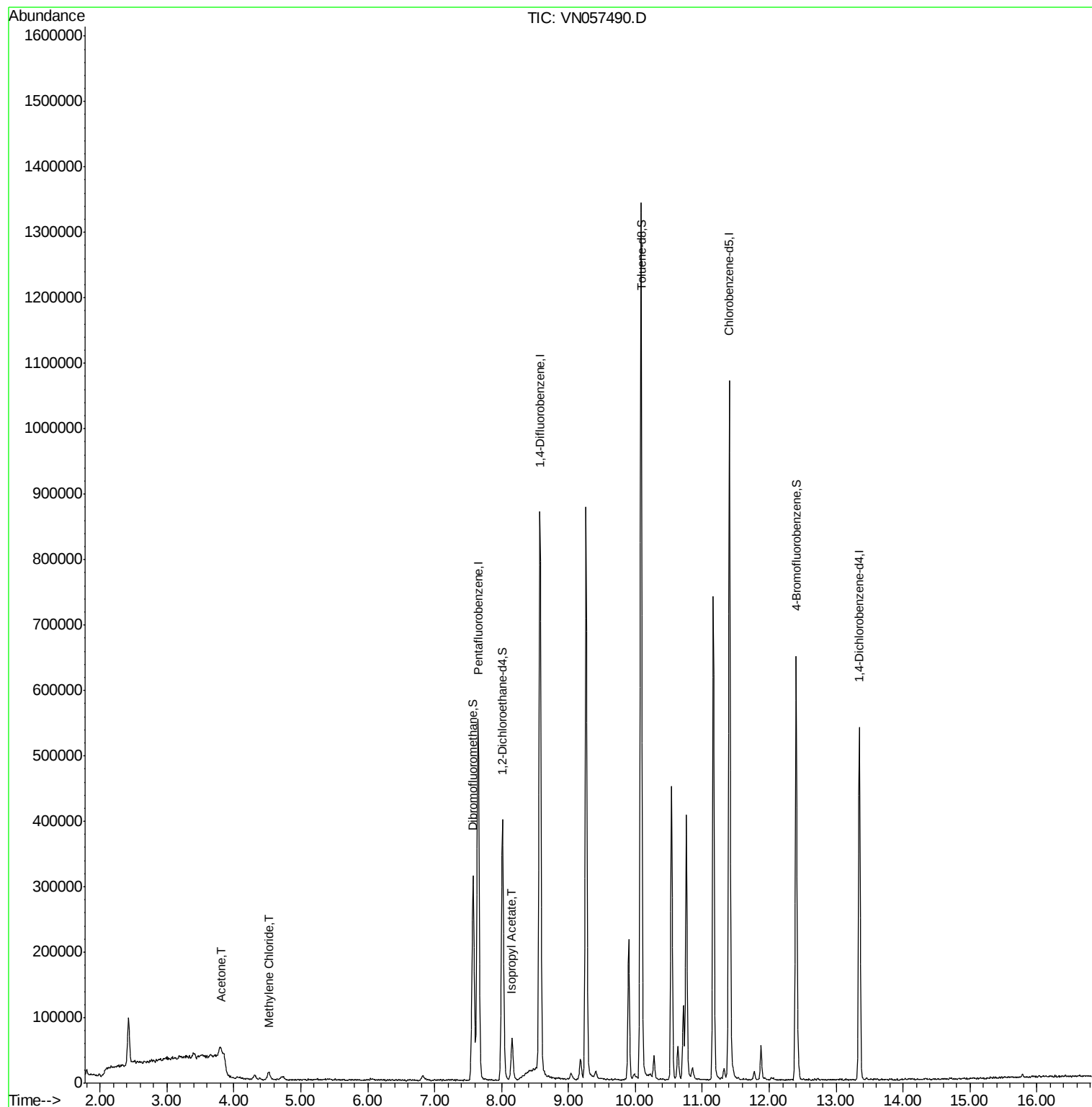
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	401027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	697443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	562303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	132663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	339986	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	7.57	113	224223	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.09	98	875487	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	227821	37.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.48%	
Target Compounds						
16) Acetone	3.80	43	23882	7.372	ug/l #	86
20) Methylene Chloride	4.53	84	7347	1.457	ug/l	86
43) Isopropyl Acetate	8.16	43	78893	6.110	ug/l	98

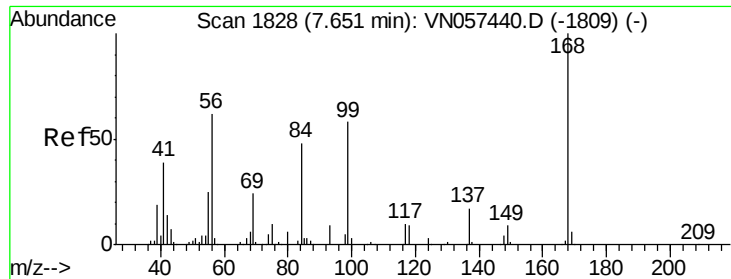
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
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QLast Update : Fri Aug 23 05:07:29 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: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

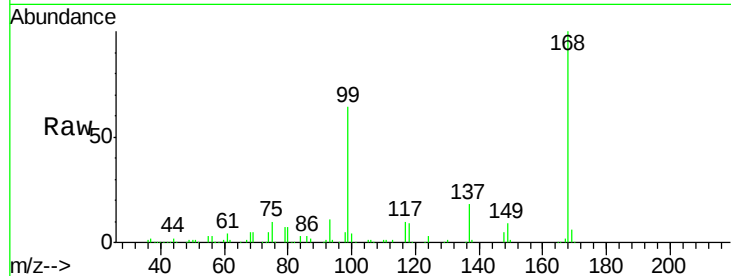
T2-S4(2.5)

Tot Ion:168 Resp: 401027

Ion Ratio Lower Upper

168 100

99 64.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

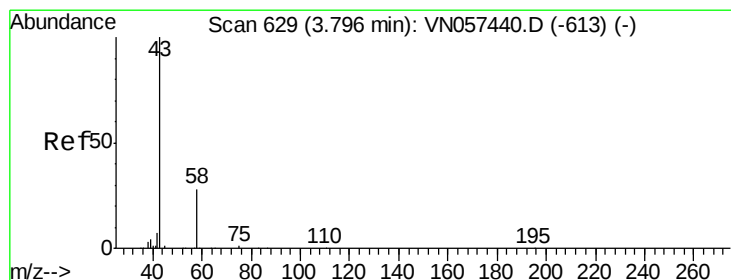
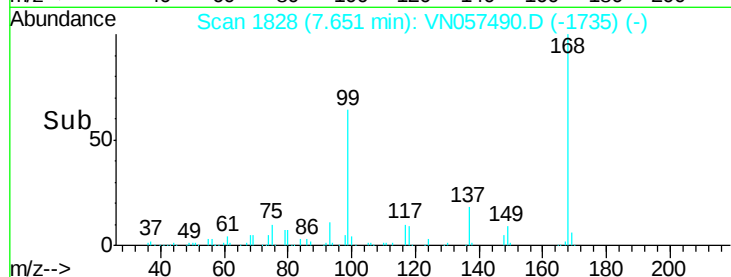
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.372 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057490.D

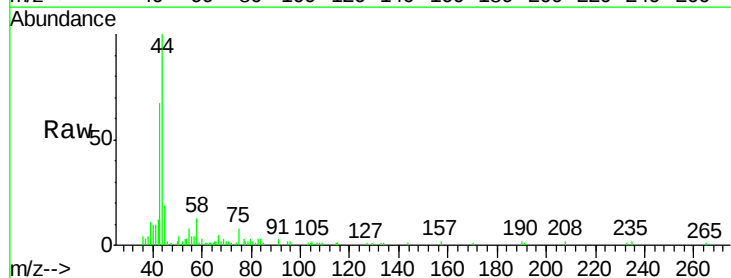
Acq: 23 Aug 2019 23:01

Tgt Ion: 43 Resp: 23882

Ion Ratio Lower Upper

43 100

58 20.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-613) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-613) (-)

3.80

10000

8000

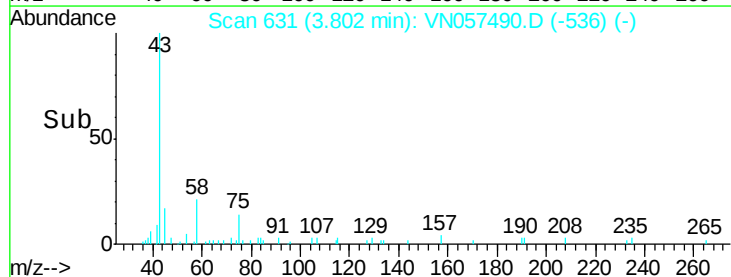
6000

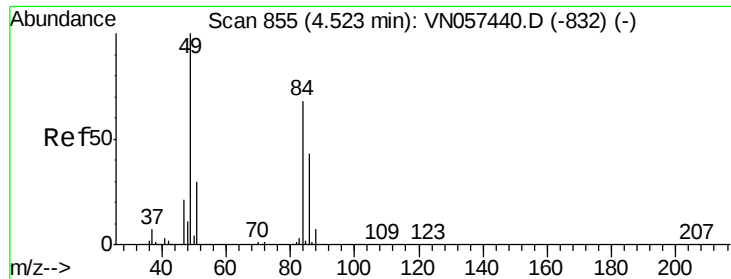
4000

2000

0

Time-->

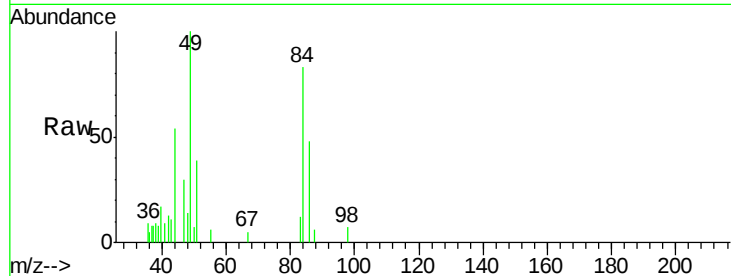




#20
Methvlene Chloride
Concen: 1.457 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

Instrument :
MSVOA_N
ClientSampleId :
T2-S4(2.5)

Tot Ion:	84	Resp:	7347
Ion	Ratio	Lower	Upper
84	100		
49	120.2	117.0	175.4
51	40.9	35.5	53.3
86	58.3	49.8	74.8

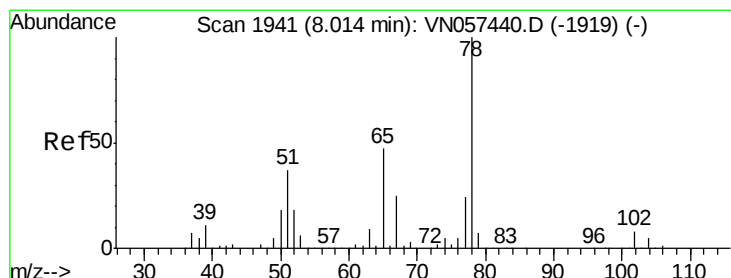
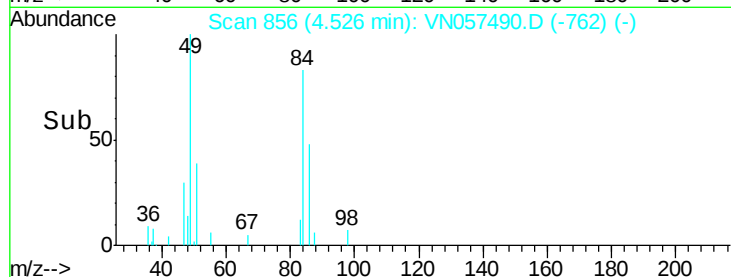
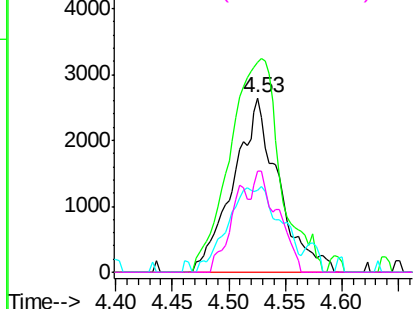


Abundance Ion 83.90 (83.60 to 84.60): VN057490.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN057490.D (-762) (-)

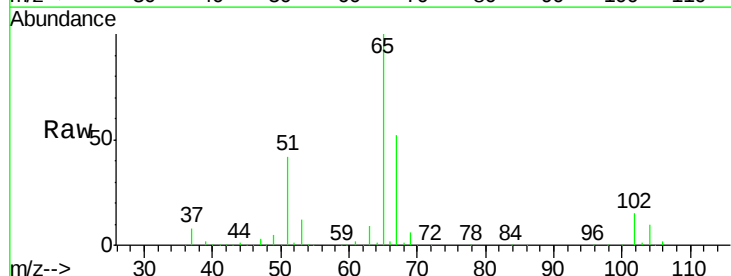
Ion 50.90 (50.60 to 51.60): VN057490.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN057490.D (-762) (-)



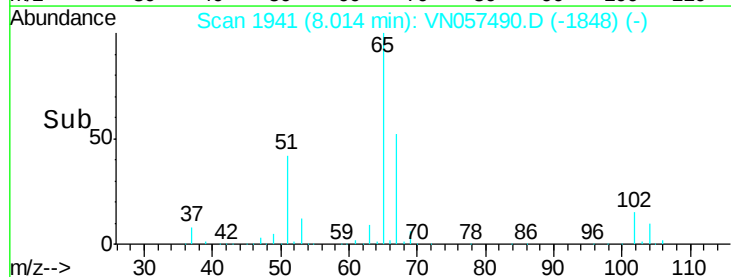
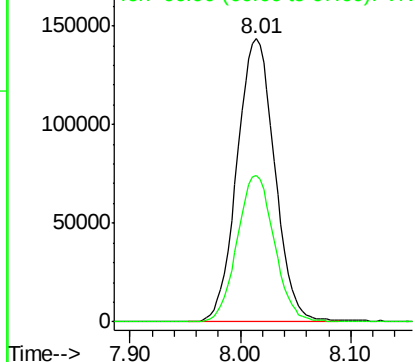
#33
1,2-Dichloroethane-d4
Concen: 48.194 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

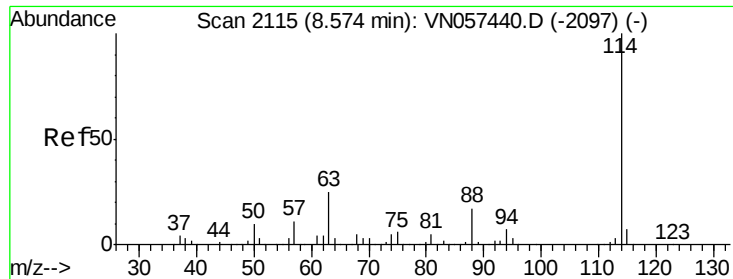
Tgt Ion:	65	Resp:	339986
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057490.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057490.D (-1848) (-)

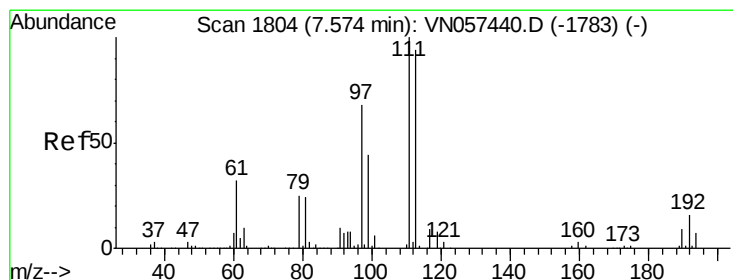
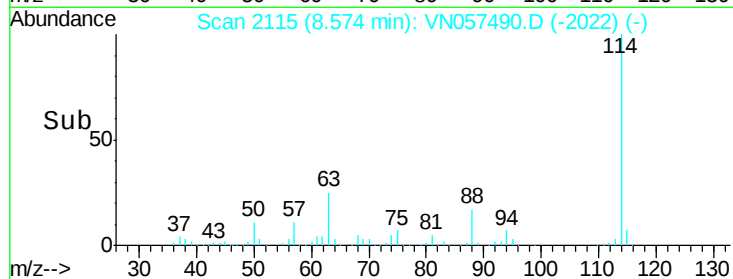
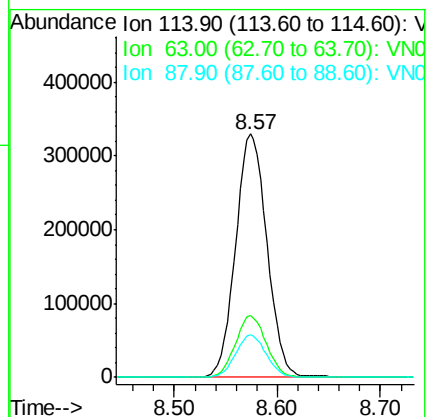
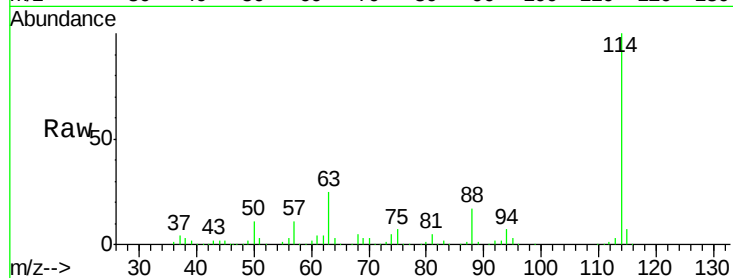




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

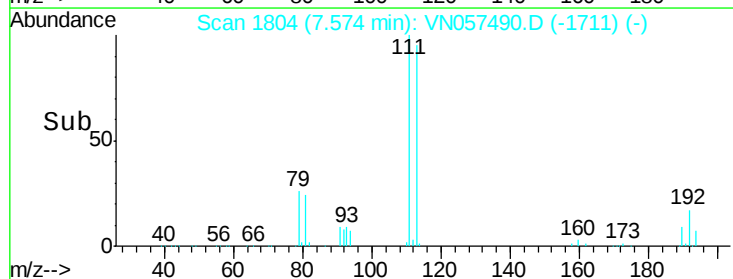
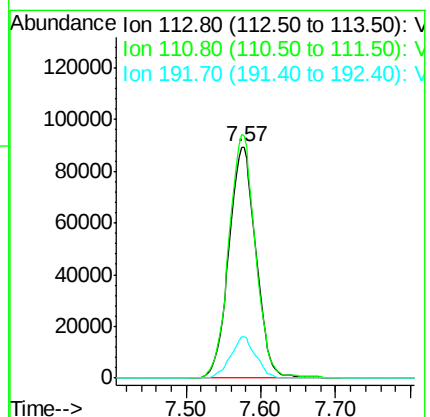
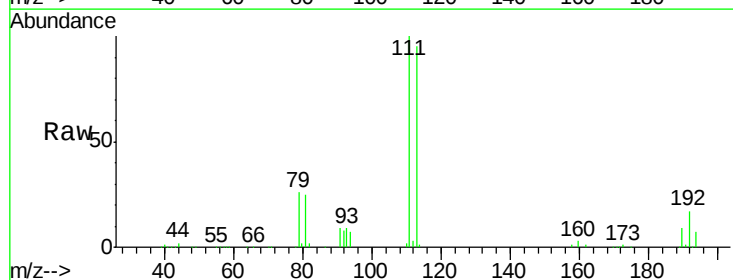
Instrument :
MSVOA_N
ClientSampleId :
T2-S4(2.5)

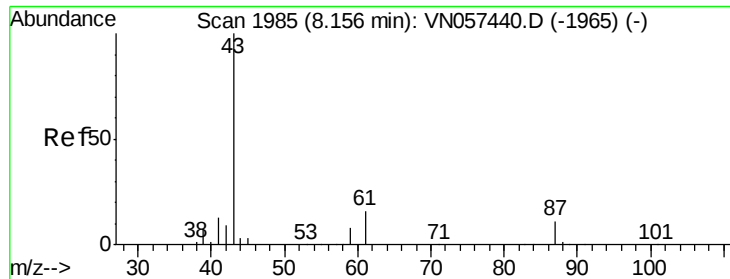
Tot Ion:114 Resp: 697443
Ion Ratio Lower Upper
114 100
63 25.3 0.0 50.2
88 17.3 0.0 34.6



#35
Dibromofluoromethane
Concen: 47.596 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057490.D
Acq: 23 Aug 2019 23:01

Tgt Ion:113 Resp: 224223
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 16.6 13.5 20.3





#43

Isopropyl Acetate

Concen: 6.110 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

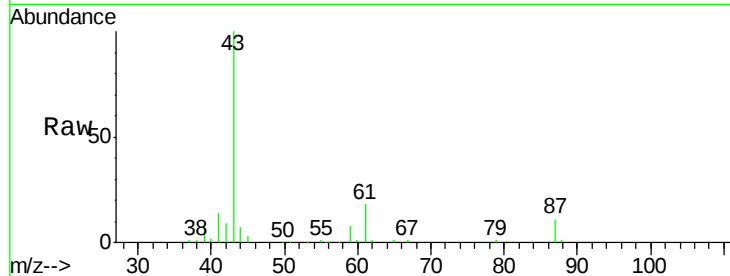
Tot Ion: 43 Resp: 78893

Ion Ratio Lower Upper

43 100

61 17.0 14.5 21.7

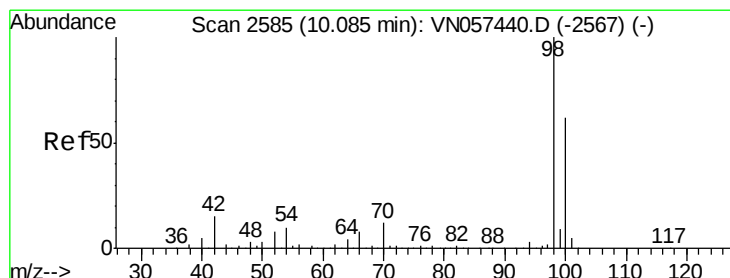
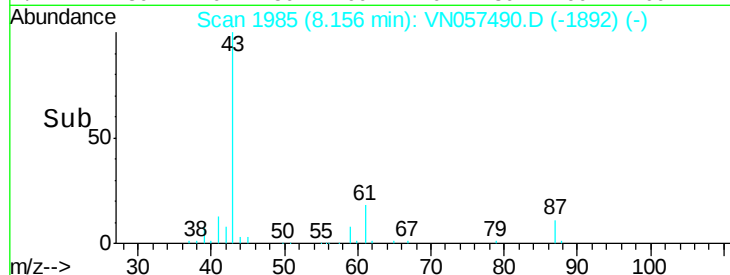
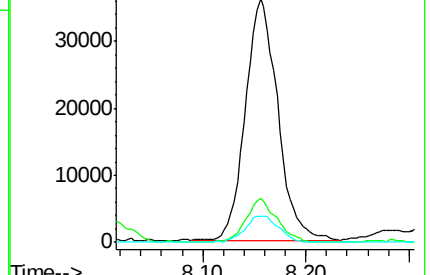
87 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#50

Toluene-d8

Concen: 49.149 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057490.D

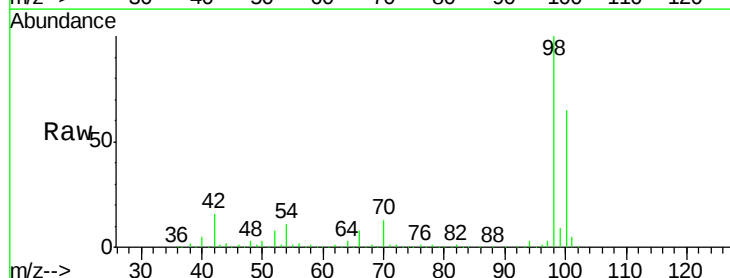
Acq: 23 Aug 2019 23:01

Tgt Ion: 98 Resp: 875487

Ion Ratio Lower Upper

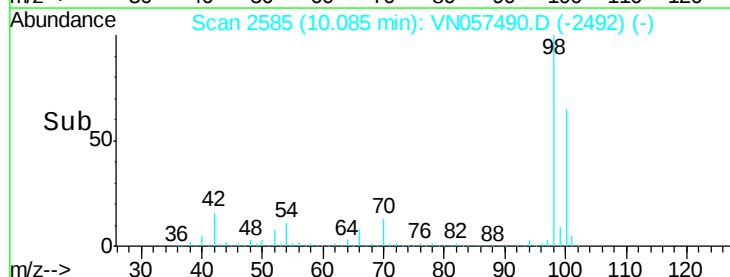
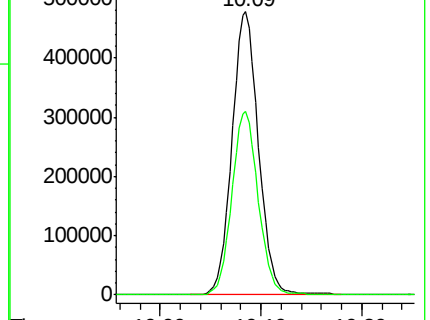
98 100

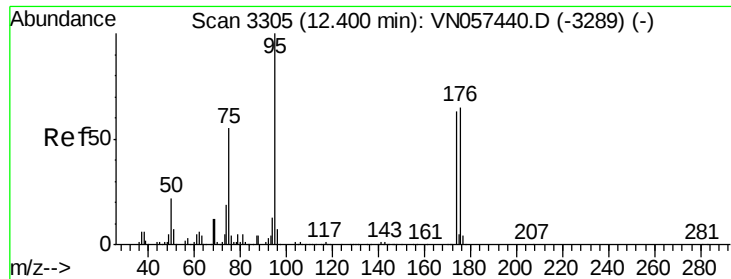
100 64.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 37.740 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

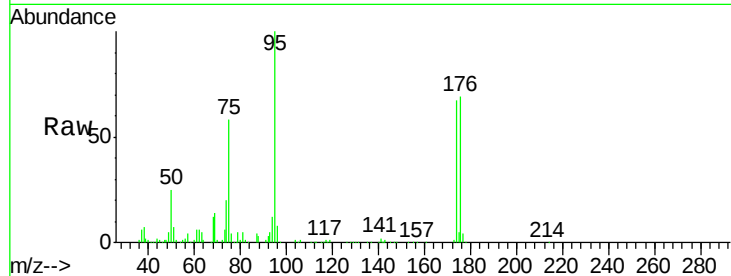
Tot Ion: 95 Resp: 227821

Ion Ratio Lower Upper

95 100

174 67.8 0.0 133.0

176 68.5 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

12.40

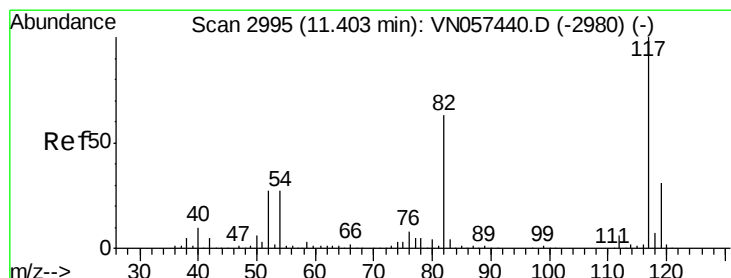
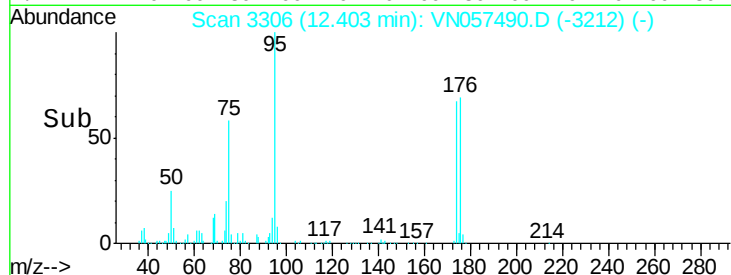
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

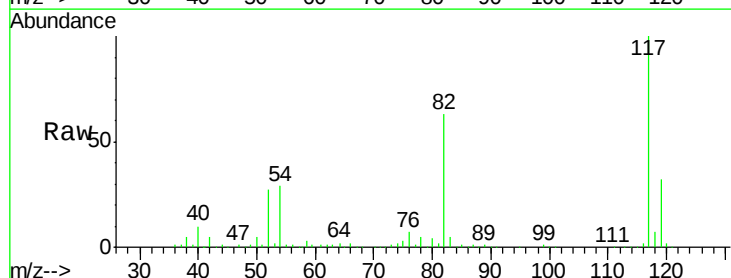
Tgt Ion: 117 Resp: 562303

Ion Ratio Lower Upper

117 100

82 63.4 50.6 75.8

119 32.1 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)

11.40

400000

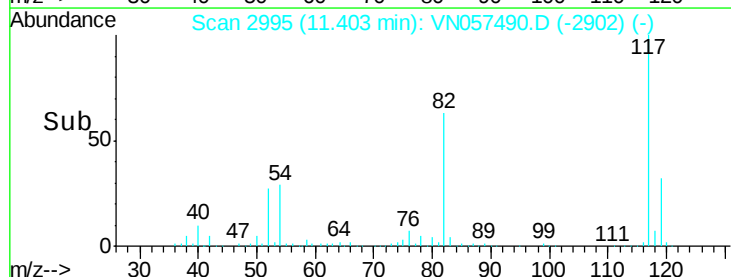
300000

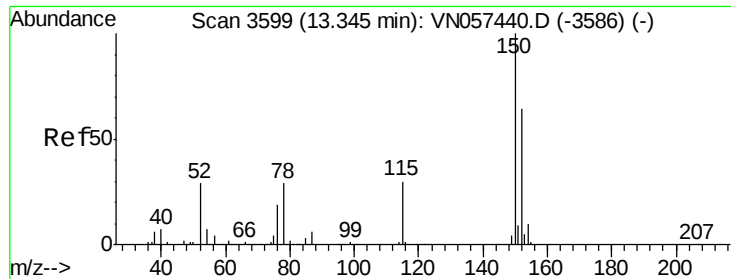
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057490.D

Acq: 23 Aug 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(2.5)

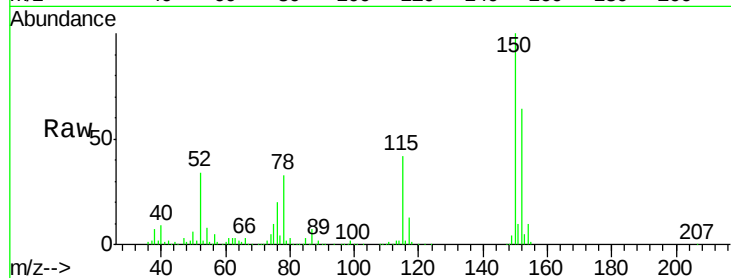
Tot Ion:152 Resp: 132663

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

150 158.0 0.0 346.6



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

