

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057505.D
 Acq On : 26 Aug 2019 12:28
 Operator : JC/SP
 Sample : K4474-39
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(0)

Quant Time: Aug 27 08:57:00 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

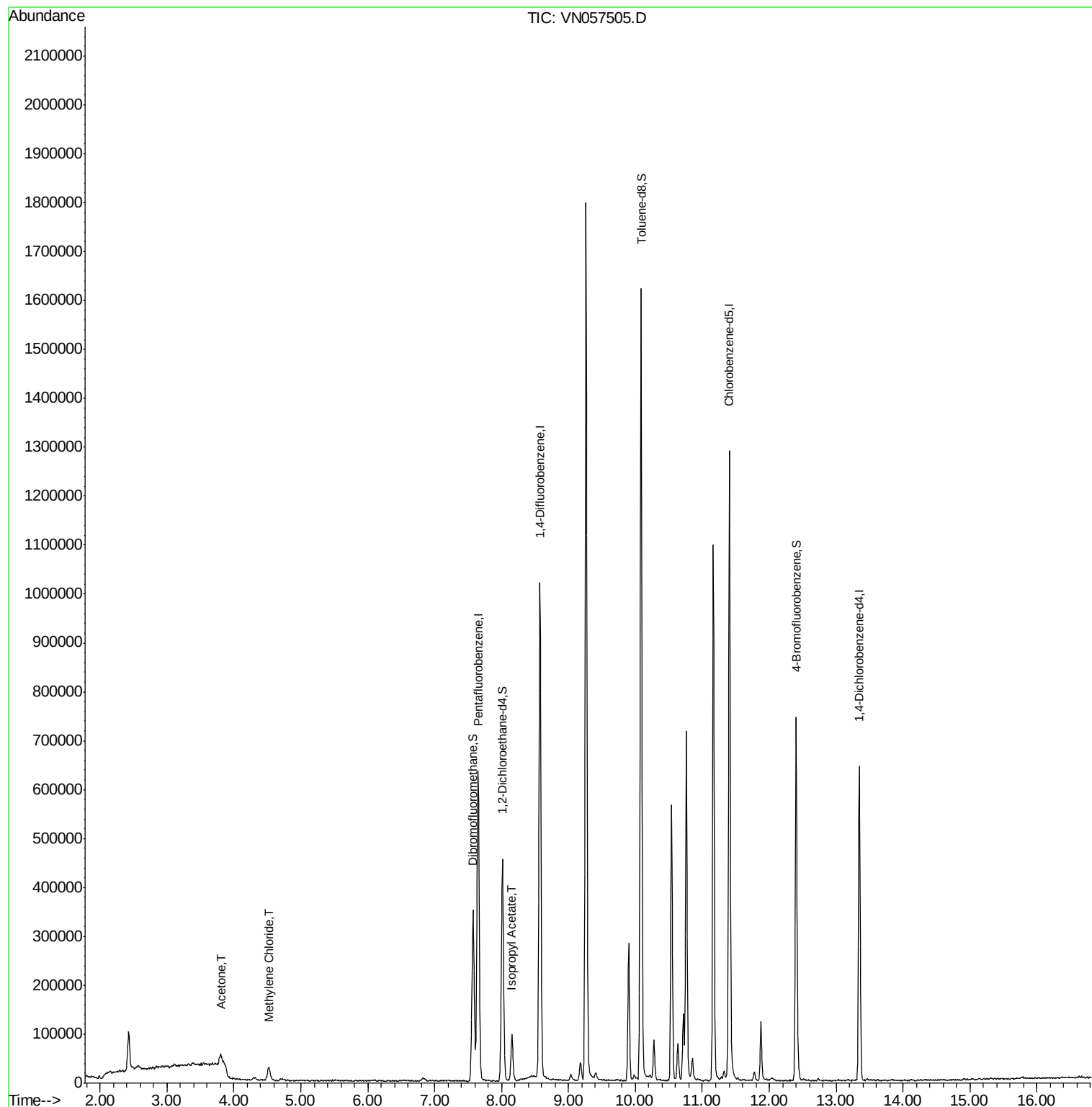
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	462715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	803384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	680439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	379489	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
35) Dibromofluoromethane	7.57	113	250133	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	10.08	98	1047224	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.40	95	266125	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.54%	
Target Compounds						
16) Acetone	3.80	43	22020	5.891	ug/l	94
20) Methylene Chloride	4.52	84	17488	3.085	ug/l	93
43) Isopropyl Acetate	8.16	43	112549	7.567	ug/l	99

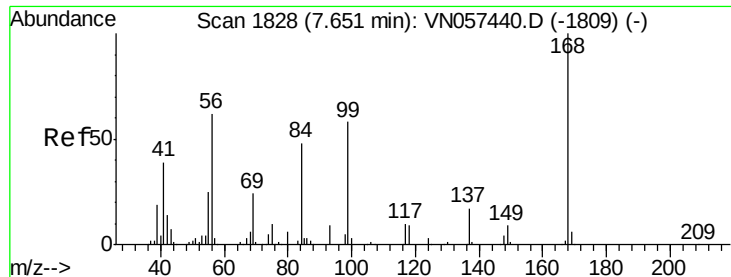
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082619\
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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: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

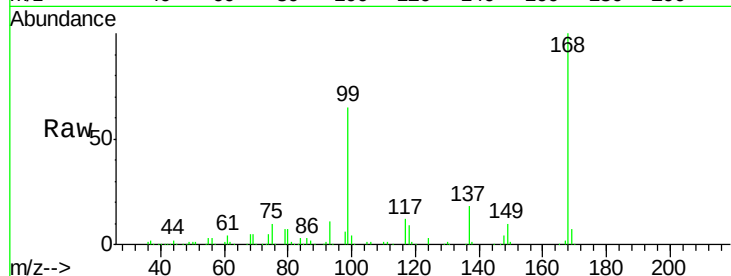
T1-2-A-(0)

Tot Ion:168 Resp: 462715

Ion Ratio Lower Upper

168 100

99 64.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

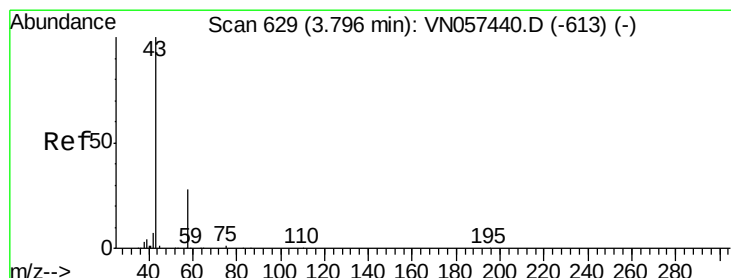
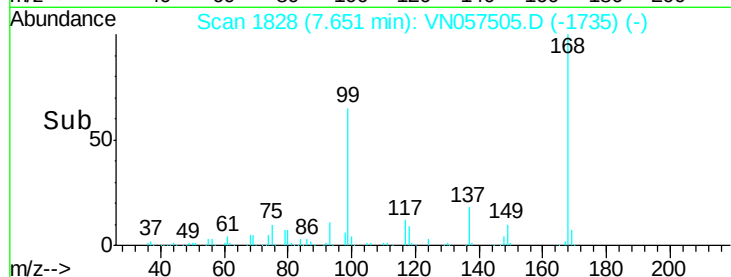
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.891 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057505.D

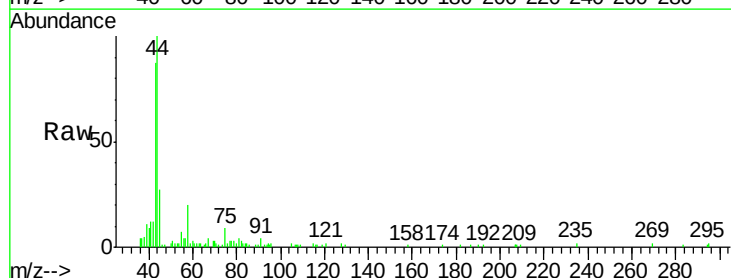
Acq: 26 Aug 2019 12:28

Tgt Ion: 43 Resp: 22020

Ion Ratio Lower Upper

43 100

58 24.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

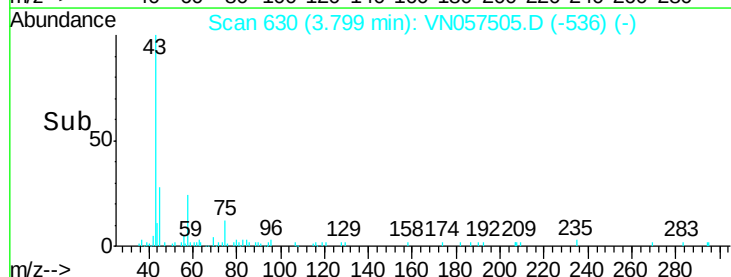
3.80

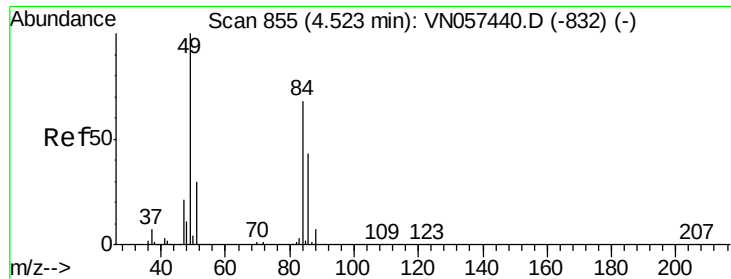
10000

5000

0

Time--> 3.75 3.80 3.85

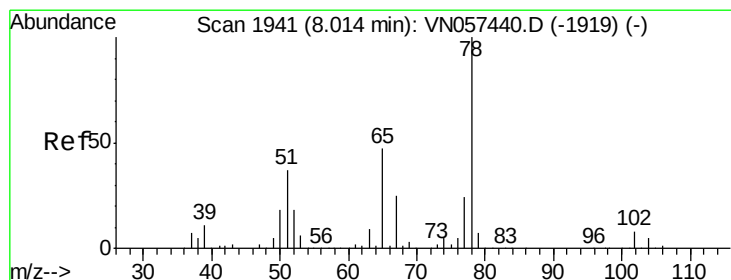
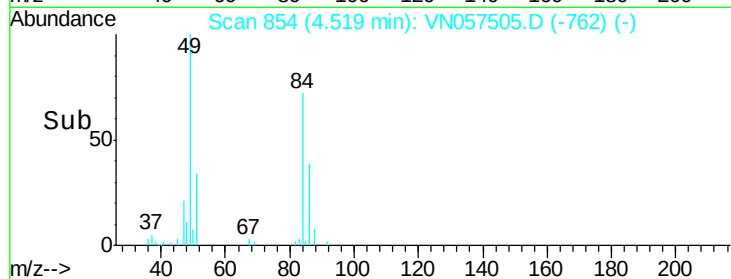
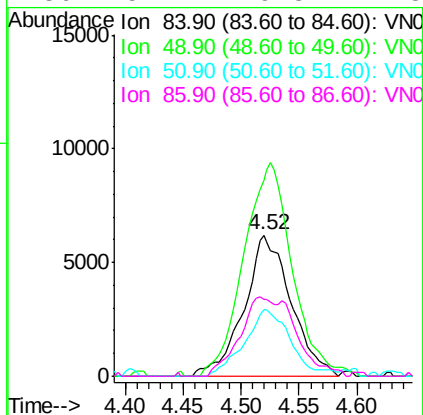
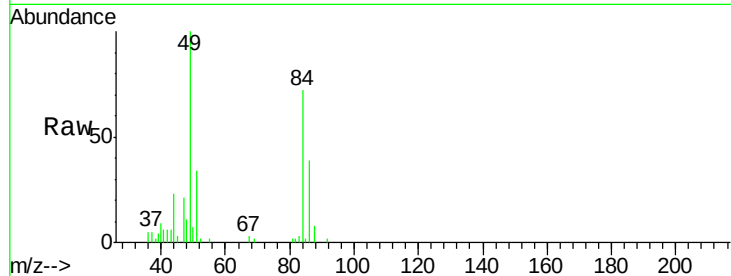




#20
Methylene Chloride
Concen: 3.085 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

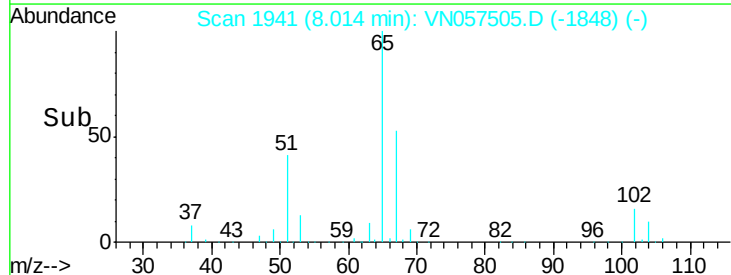
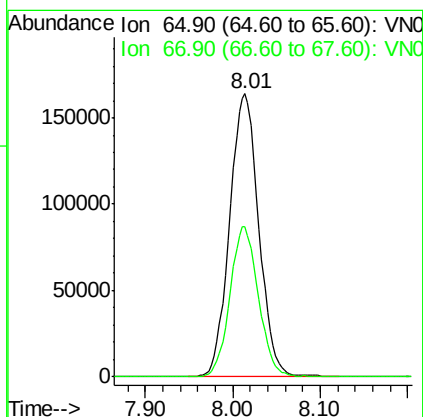
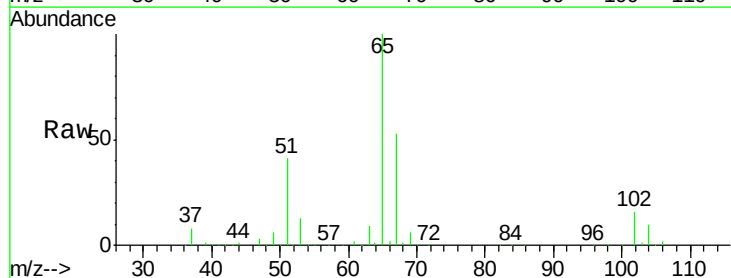
Instrument :
MSVOA_N
ClientSampled :
T1-2-A-(0)

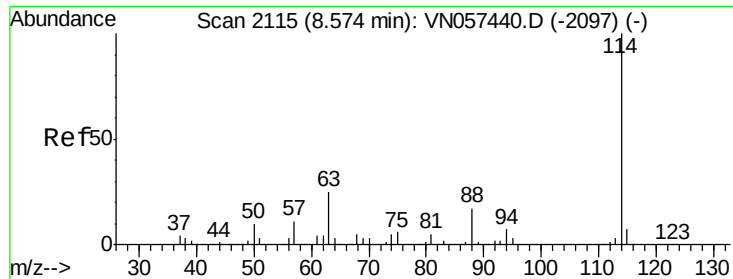
Tot Ion: 84 Resp: 17488
Ion Ratio Lower Upper
84 100
49 138.7 117.0 175.4
51 47.6 35.5 53.3
86 54.7 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 46.622 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

Tgt Ion: 65 Resp: 379489
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

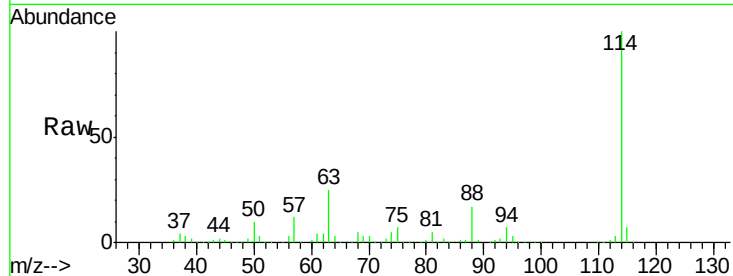




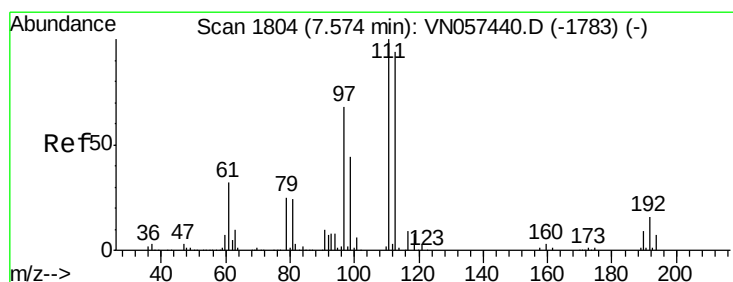
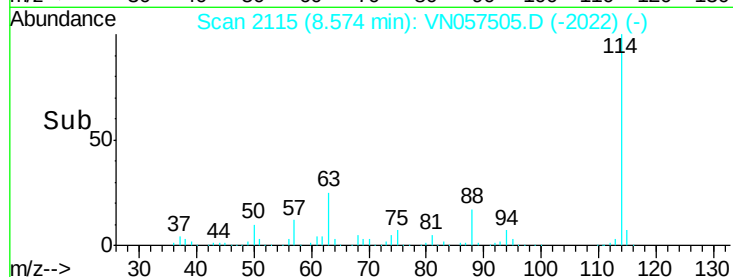
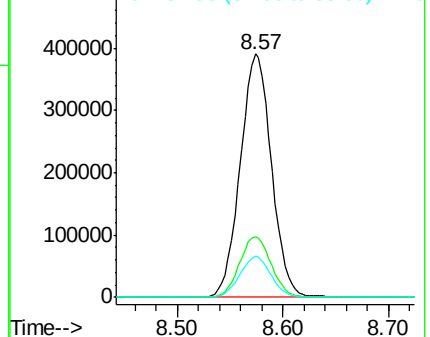
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

Instrument :
MSVOA_N
ClientSampled :
T1-2-A-(0)

Tot Ion:114 Resp: 803384
Ion Ratio Lower Upper
114 100
63 25.1 0.0 50.2
88 17.1 0.0 34.6

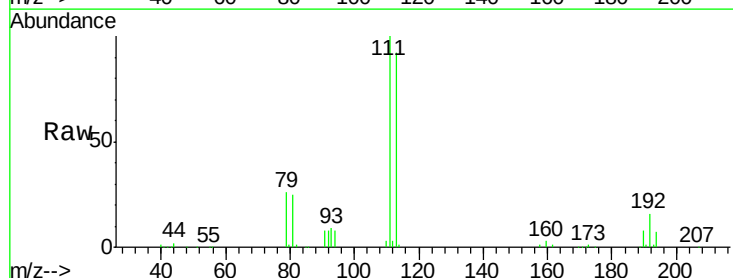


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

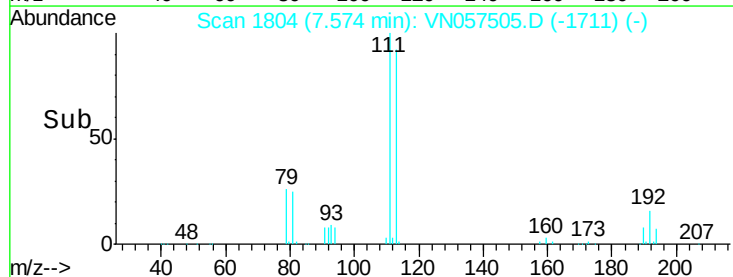
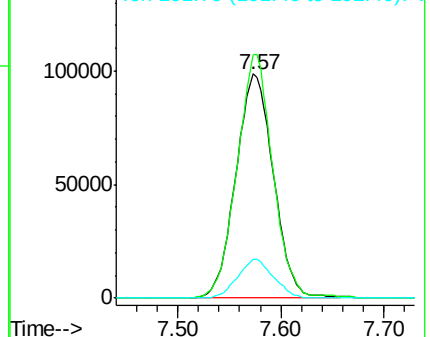


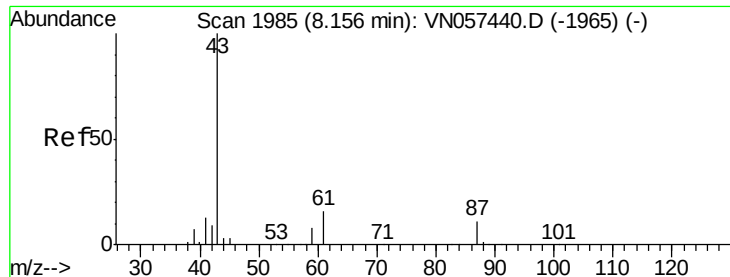
#35
Dibromofluoromethane
Concen: 46.095 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

Tgt Ion:113 Resp: 250133
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 16.5 13.5 20.3



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: 7.567 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A(0)

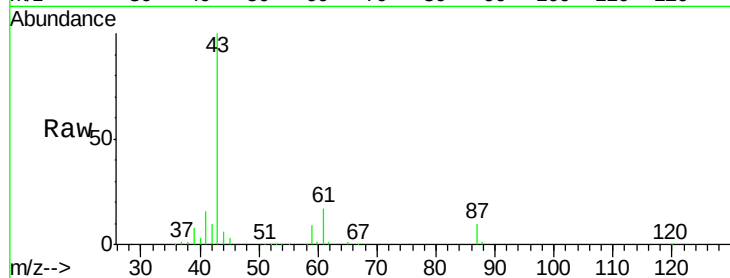
Tot Ion: 43 Resp: 112549

Ion Ratio Lower Upper

43 100

61 17.7 14.5 21.7

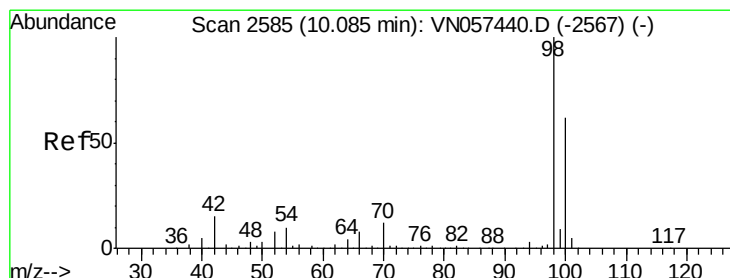
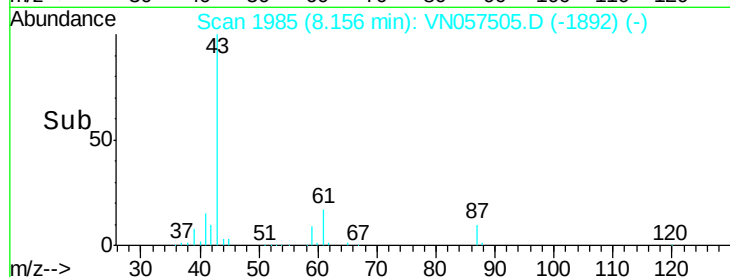
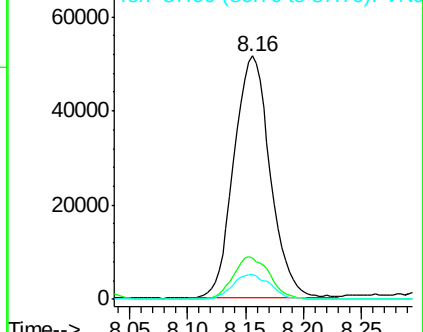
87 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.037 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057505.D

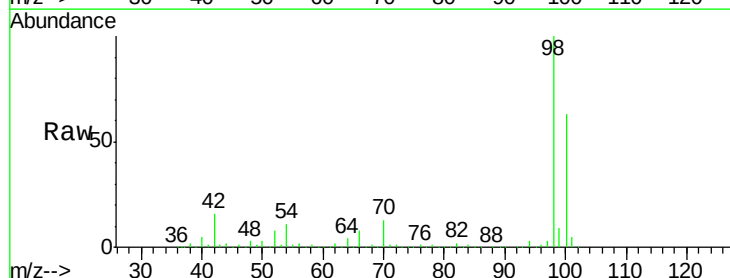
Acq: 26 Aug 2019 12:28

Tgt Ion: 98 Resp: 1047224

Ion Ratio Lower Upper

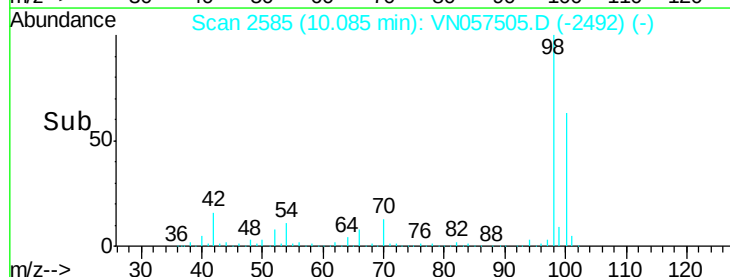
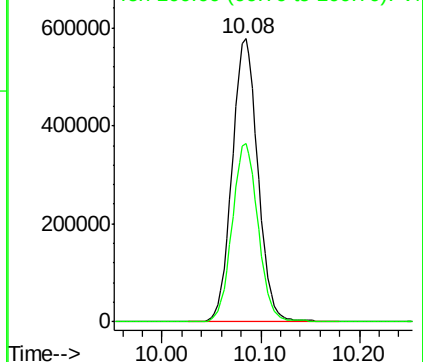
98 100

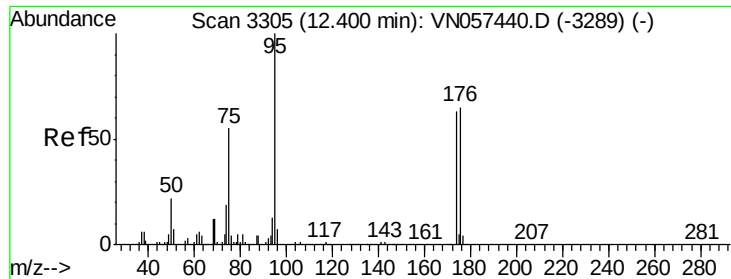
100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.272 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(0)

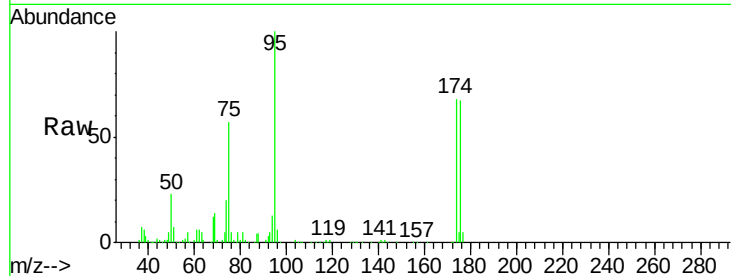
Tot Ion: 95 Resp: 266125

Ion Ratio Lower Upper

95 100

174 67.1 0.0 133.0

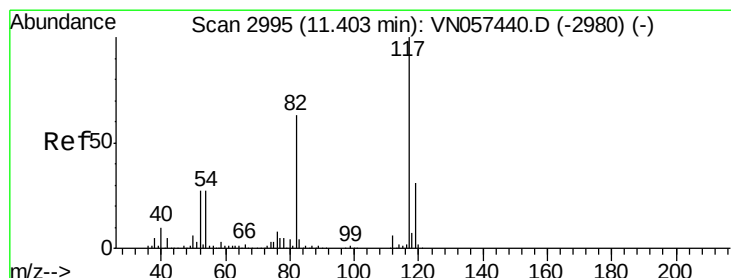
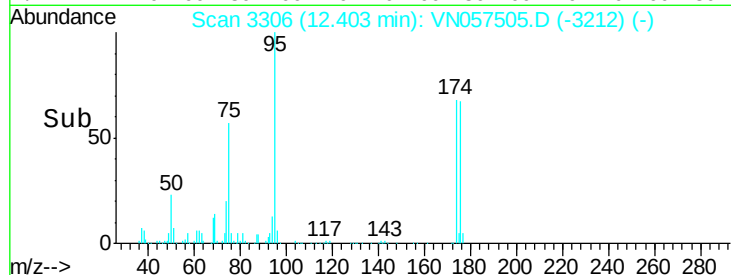
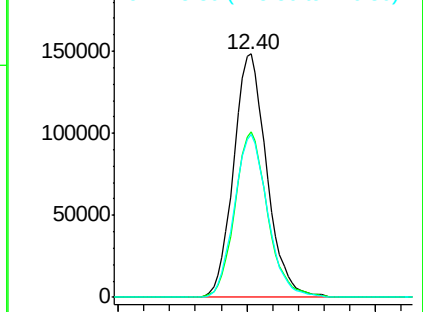
176 67.0 0.0 130.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

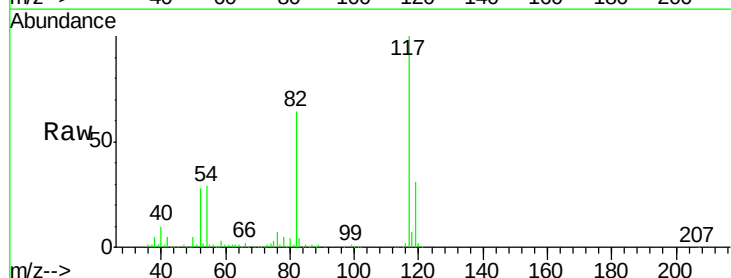
Tgt Ion: 117 Resp: 680439

Ion Ratio Lower Upper

117 100

82 64.1 50.6 75.8

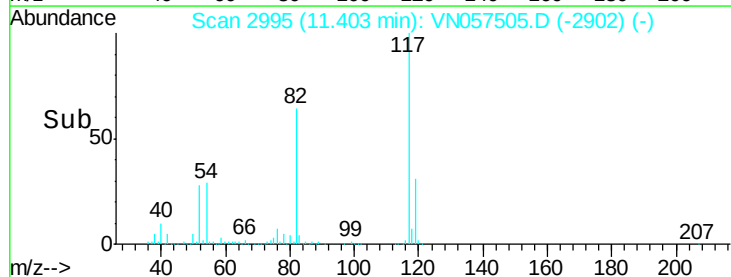
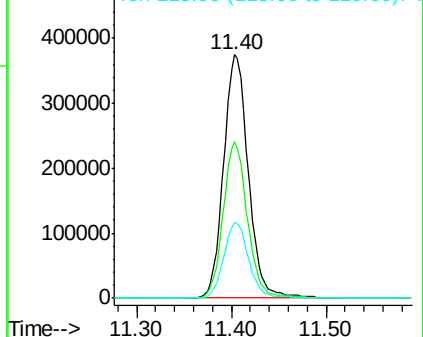
119 31.0 24.6 36.8

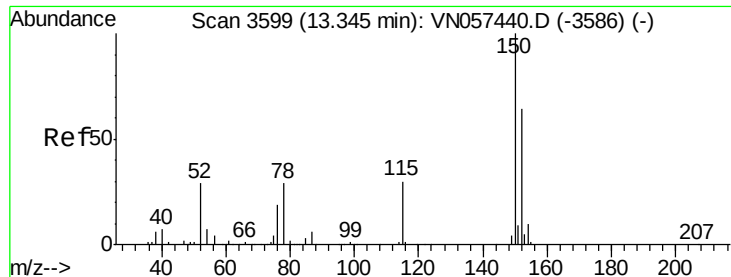


Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(0)

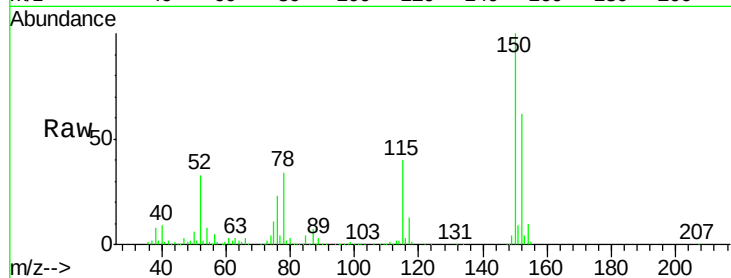
Tot Ion:152 Resp: 152472

Ion Ratio Lower Upper

152 100

115 63.8 32.0 96.0

150 158.9 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

