

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057262.D
 Acq On : 13 Aug 2019 21:50
 Operator : JC/SP
 Sample : K4266-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A2-(0)

Quant Time: Aug 14 07:37:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

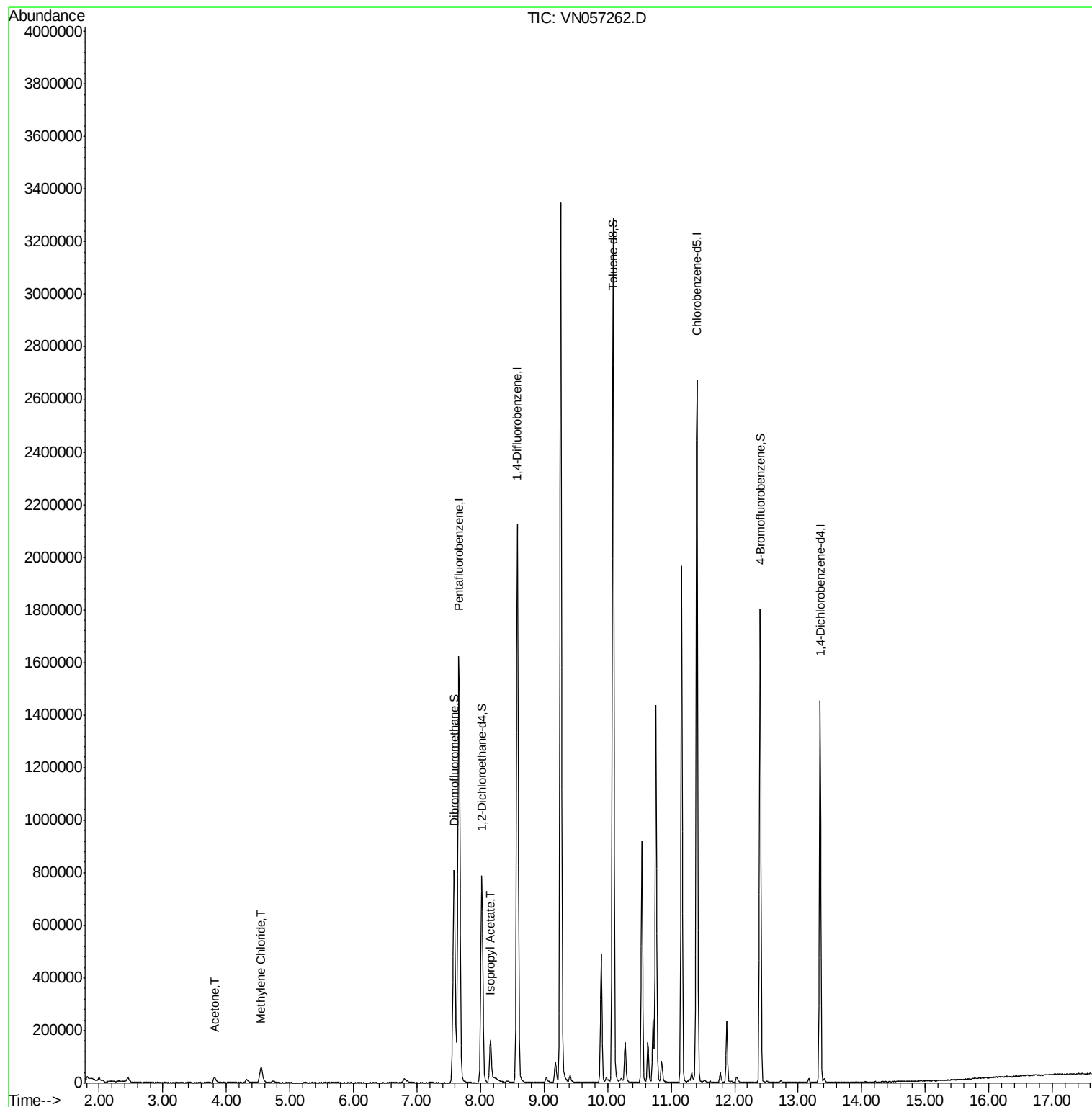
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1482393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2050366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1700644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	421174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	687045	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	7.58	113	620291	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	10.09	98	2377510	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	621120	37.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.86%	
Target Compounds						
16) Acetone	3.81	43	31922	6.226	ug/l #	85
20) Methylene Chloride	4.55	84	47717	3.186	ug/l	96
43) Isopropyl Acetate	8.16	43	190265	8.018	ug/l #	90

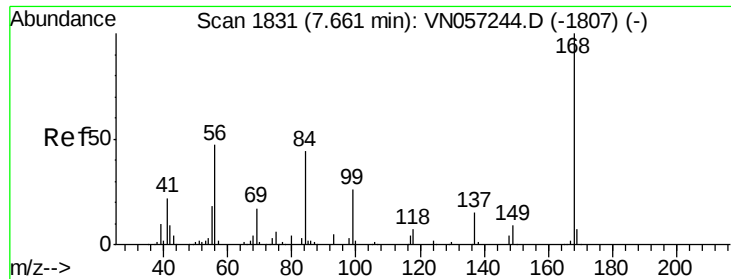
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081319\
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QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

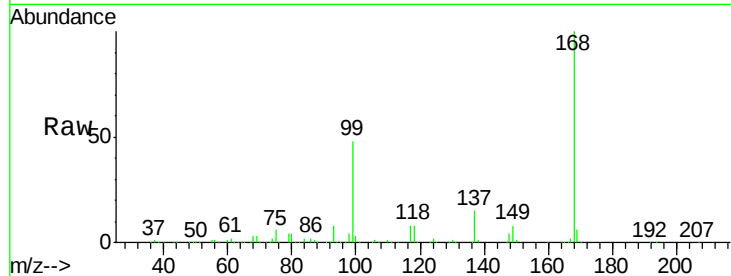
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A2-(0)

Tot Ion:168 Resp: 1482393

Ion Ratio Lower Upper

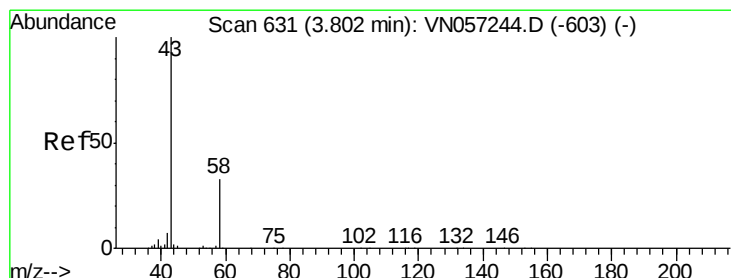
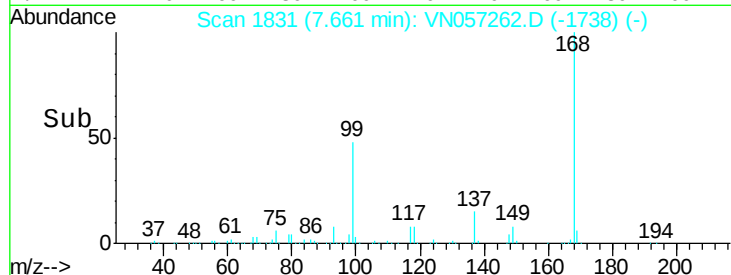
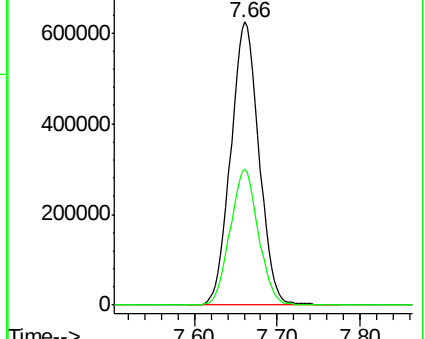
168 100

99 48.0 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057262.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN057262.D (-1738) (-)



#16

Acetone

Concen: 6.226 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057262.D

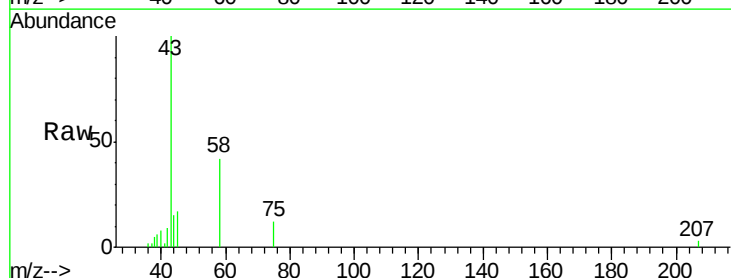
Acq: 13 Aug 2019 21:50

Tgt Ion: 43 Resp: 31922

Ion Ratio Lower Upper

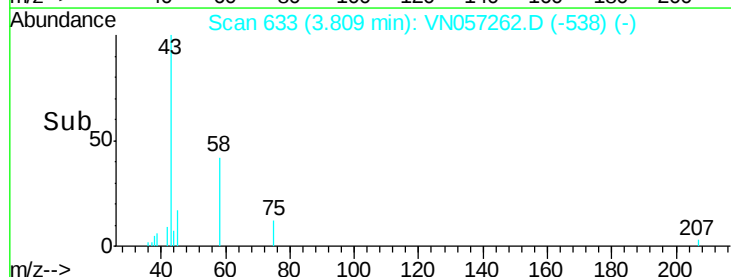
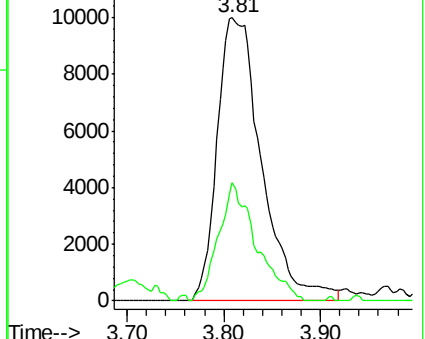
43 100

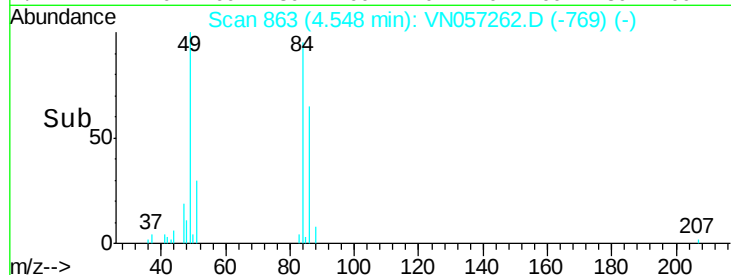
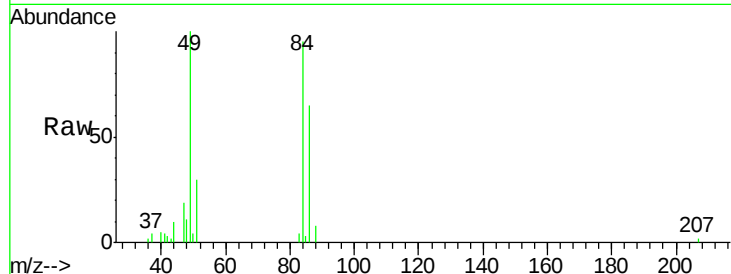
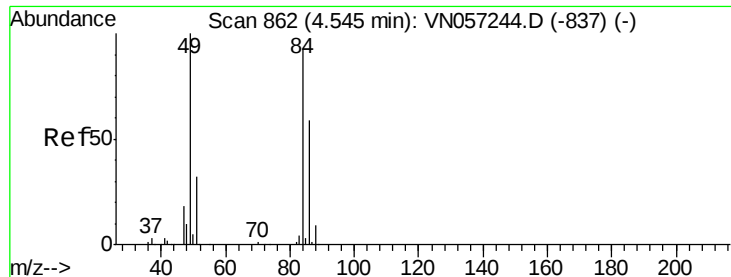
58 41.9 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057262.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057262.D (-538) (-)

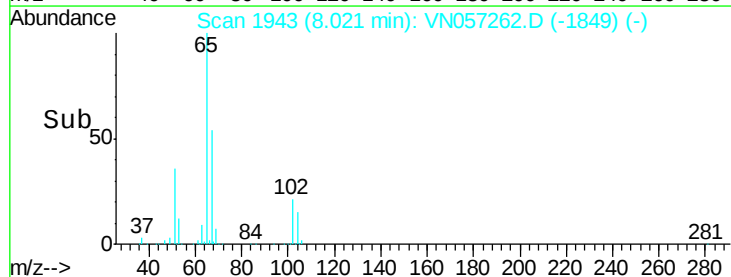
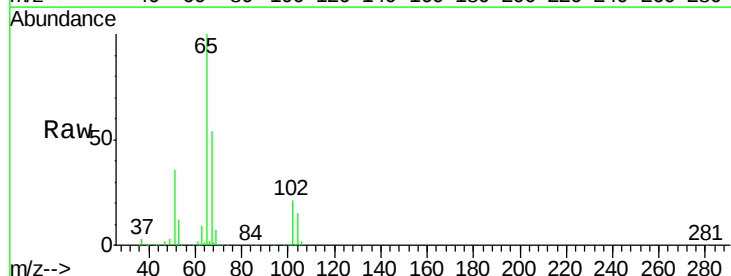
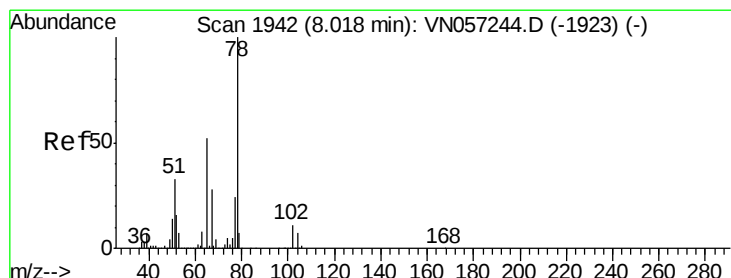
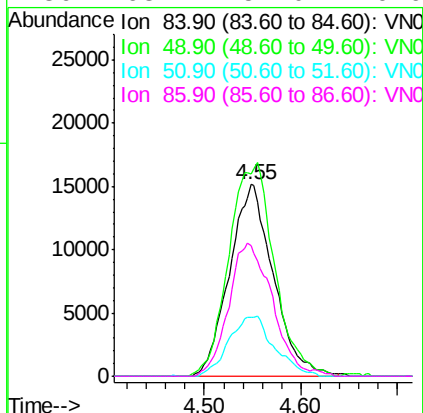




#20
Methvlene Chloride
Concen: 3.186 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

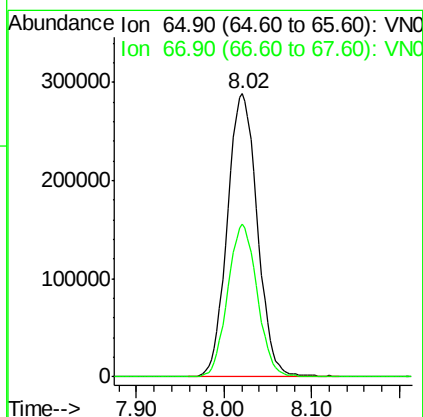
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A2-(0)

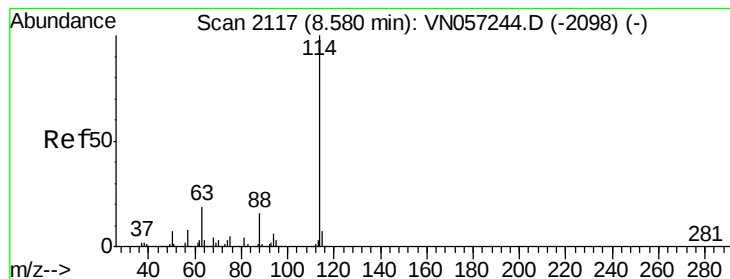
Tot Ion:	84	Resp:	47717
Ion	Ratio	Lower	Upper
84	100		
49	105.3	85.9	128.9
51	31.1	27.1	40.7
86	68.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 45.944 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

Tgt Ion:	65	Resp:	687045
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

R1-R2-A2-(0)

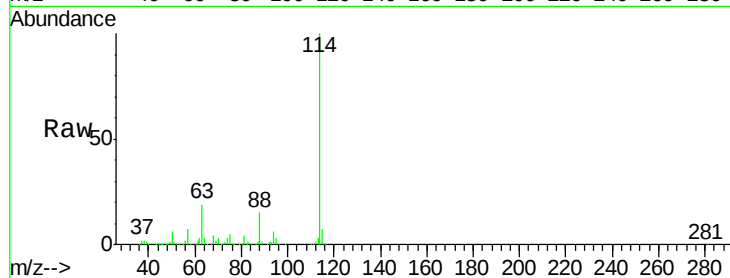
Tot Ion:114 Resp: 2050366

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

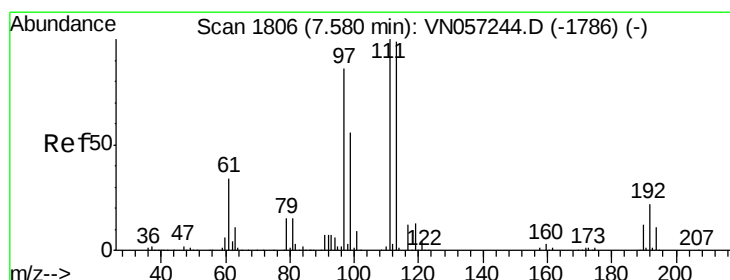
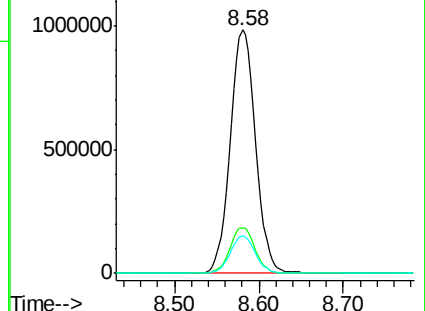
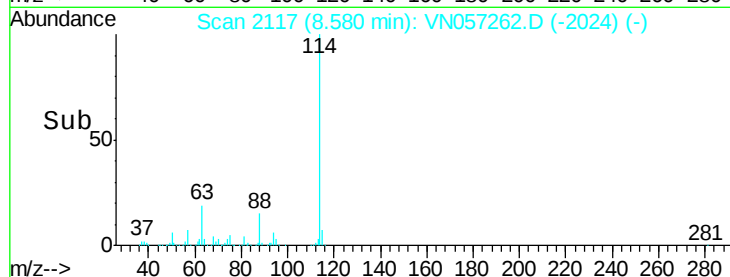
88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.379 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

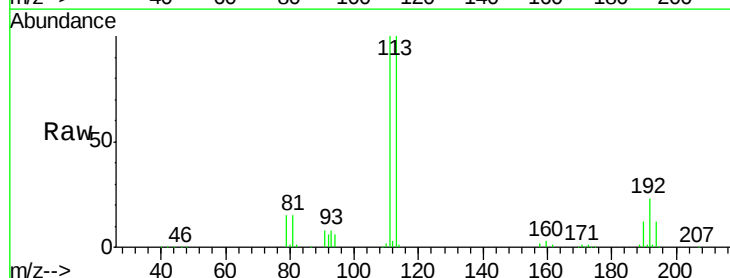
Tgt Ion:113 Resp: 620291

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

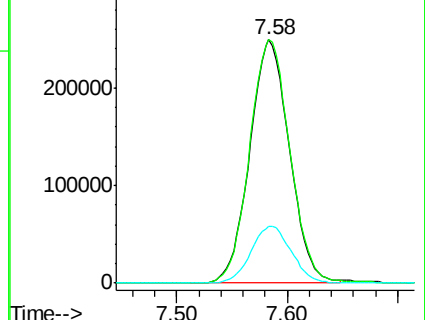
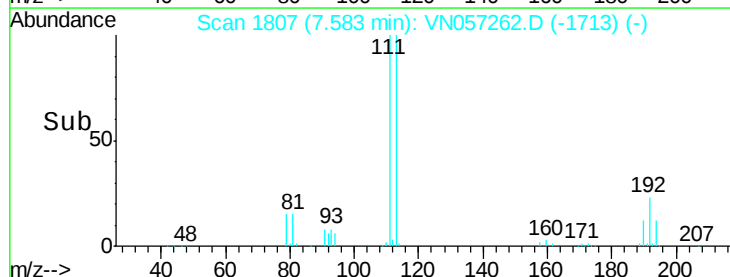
192 23.8 18.8 28.2

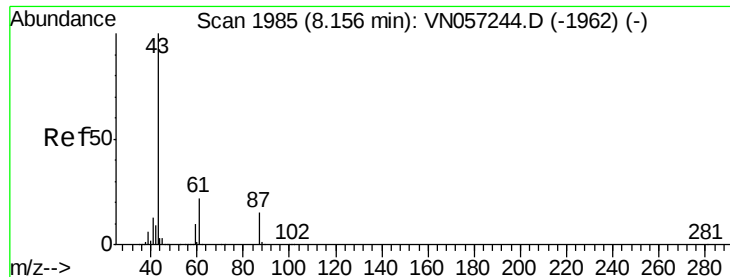


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.018 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

R1-R2-A2-(0)

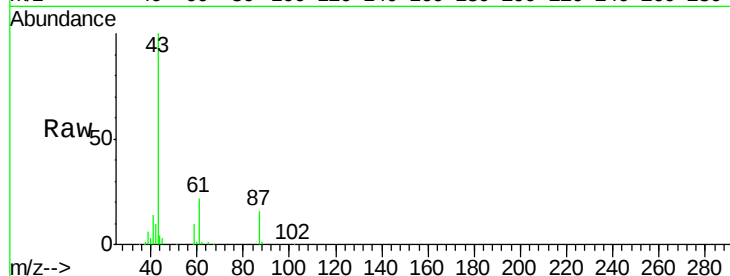
Tot Ion: 43 Resp: 190265

Ion Ratio Lower Upper

43 100

61 21.6 23.5 35.3#

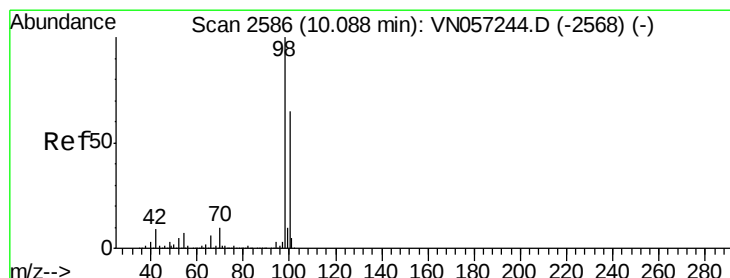
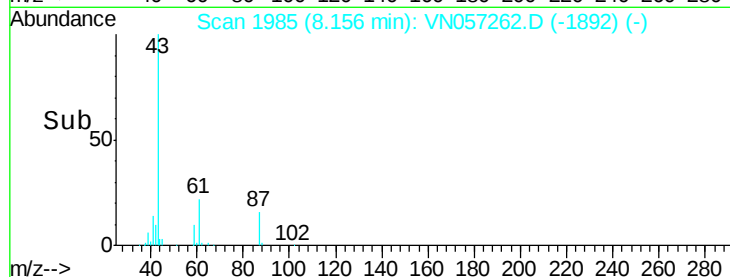
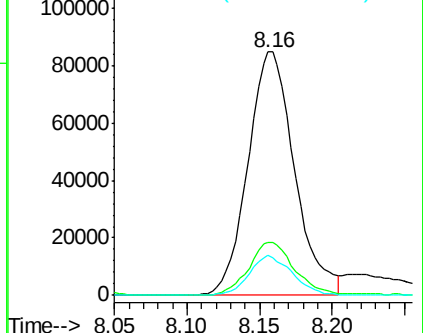
87 15.3 12.1 18.1



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: 49.789 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057262.D

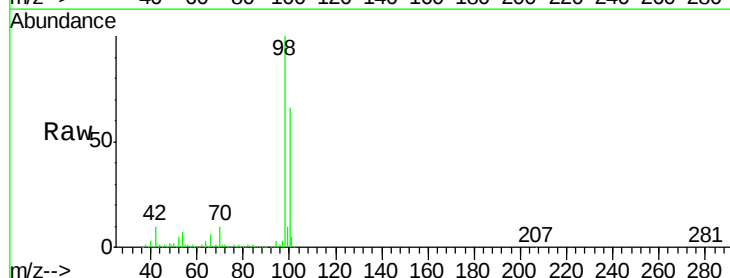
Acq: 13 Aug 2019 21:50

Tgt Ion: 98 Resp: 2377510

Ion Ratio Lower Upper

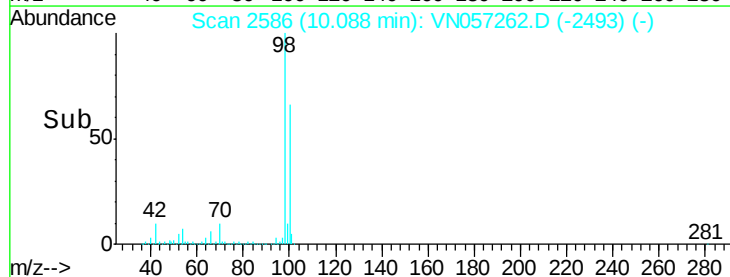
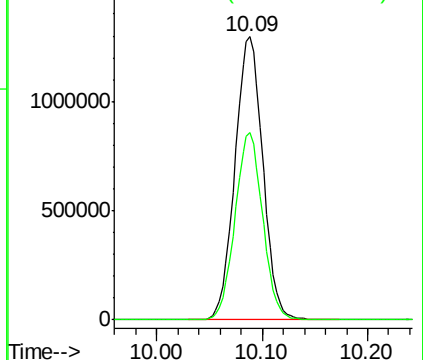
98 100

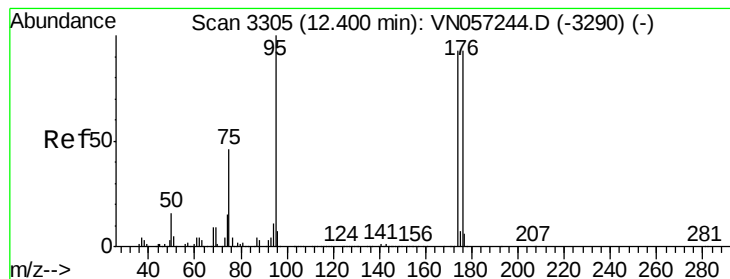
100 65.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.929 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A2-(0)

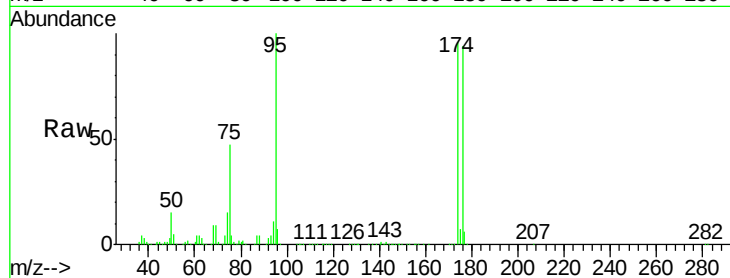
Tot Ion: 95 Resp: 621120

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.6

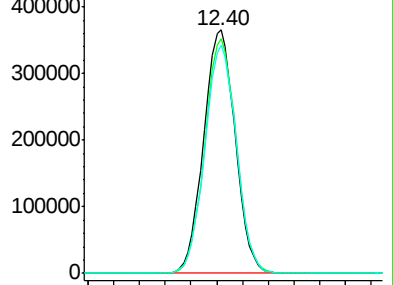
176 93.5 0.0 185.8



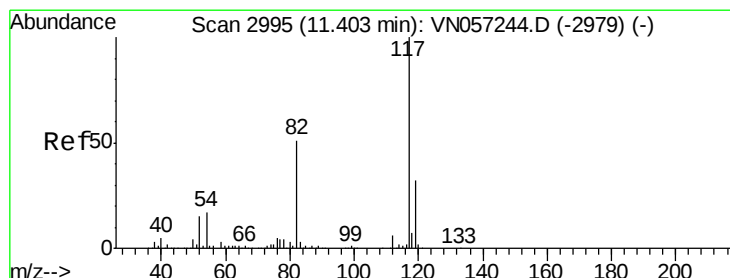
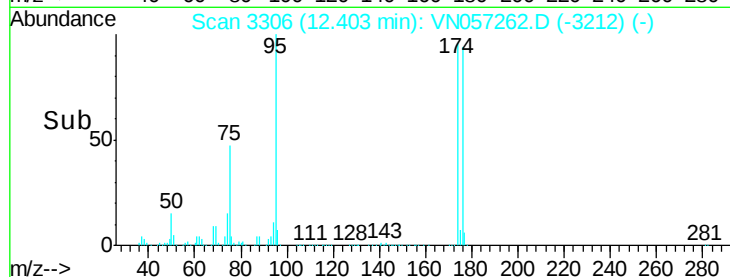
Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

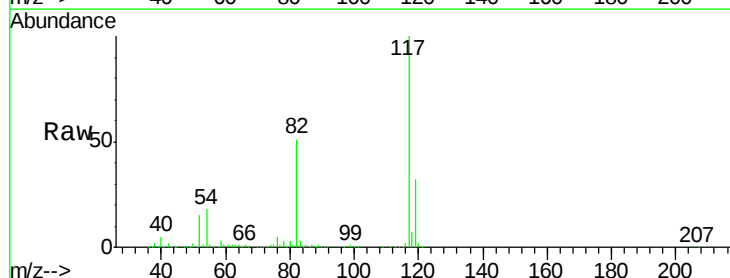
Tgt Ion: 117 Resp: 1700644

Ion Ratio Lower Upper

117 100

82 51.2 40.9 61.3

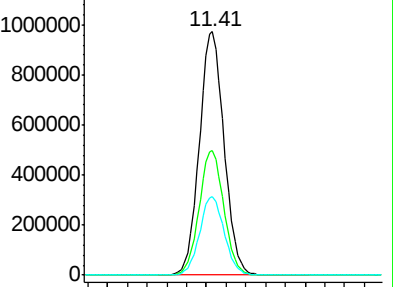
119 32.2 25.4 38.2



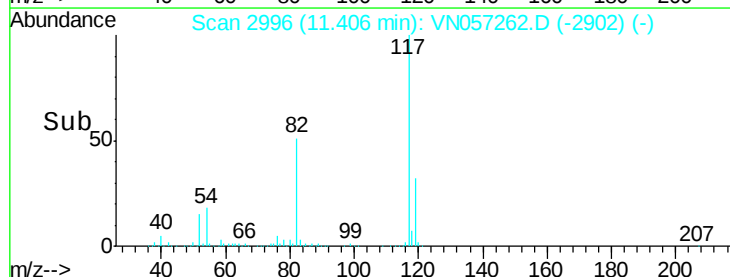
Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

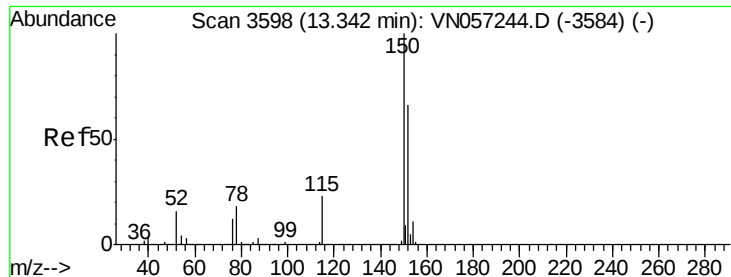
Ion 82.00 (81.70 to 82.70): VN057244.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057244.D (-2979) (-)



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: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A2-(0)

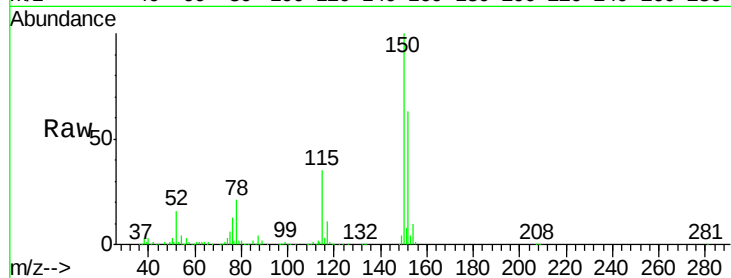
Tot Ion:152 Resp: 421174

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

150 158.7 0.0 348.4



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

