

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057339.D
 Acq On : 15 Aug 2019 18:18
 Operator : JC/SP
 Sample : K4264-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G3-(3)

Quant Time: Aug 16 02:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

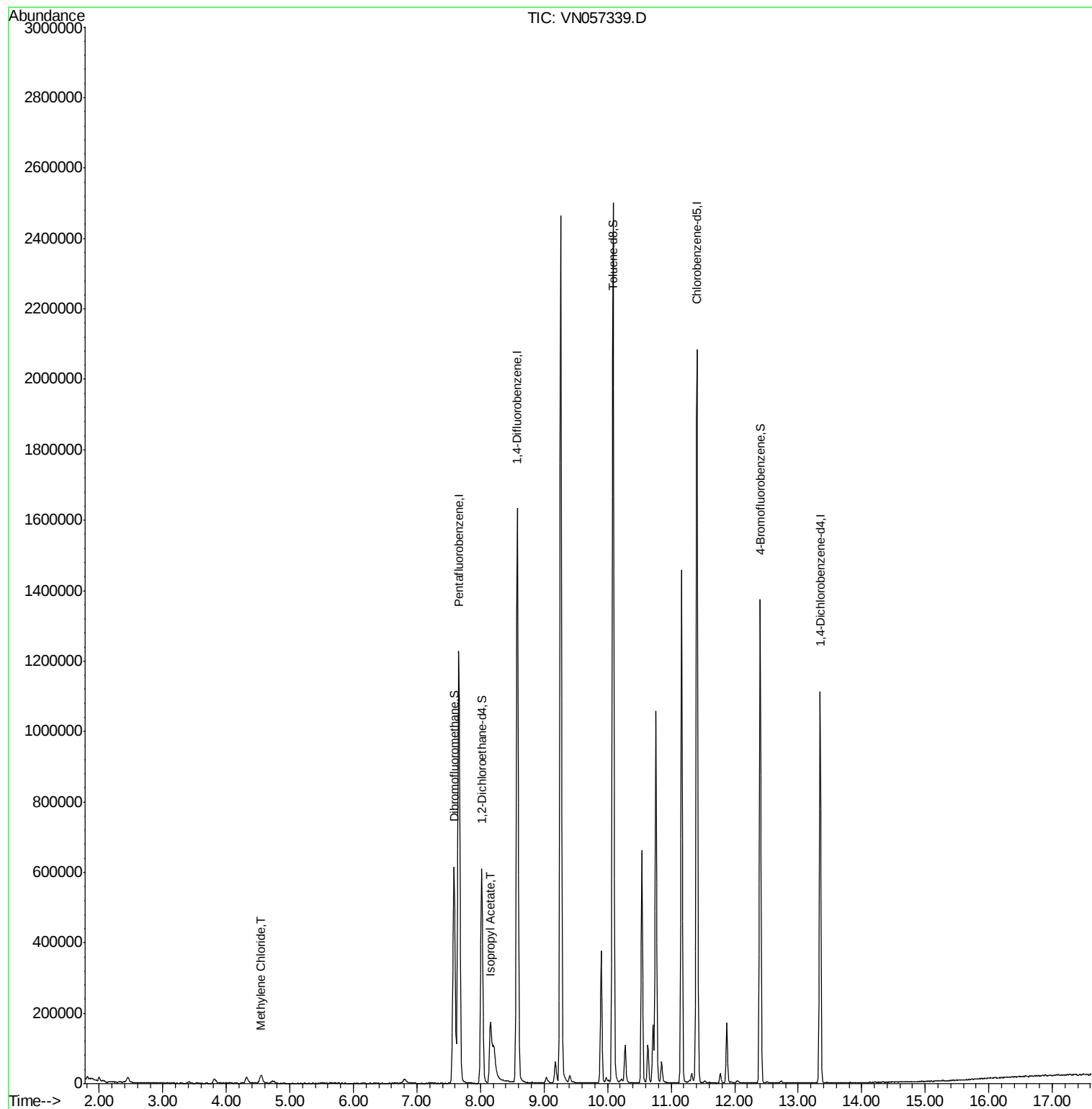
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1118847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1570578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1307597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	525852	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
35) Dibromofluoromethane	7.58	113	470066	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
50) Toluene-d8	10.08	98	1836055	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	473894	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	
Target Compounds						
20) Methylene Chloride	4.55	84	19519	1.653	ug/l	91
43) Isopropyl Acetate	8.16	43	217586	9.563	ug/l #	82

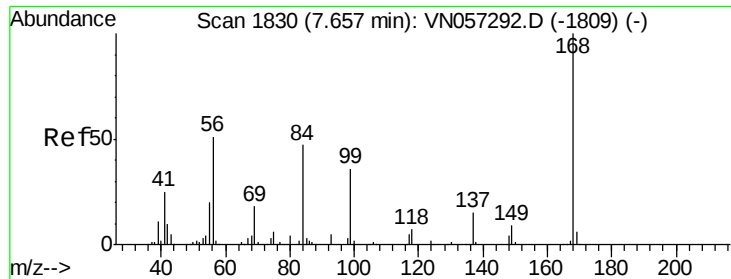
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081619\
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QLast Update : Thu Aug 15 11:33:14 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: VN057339.D

Acq: 15 Aug 2019 18:18

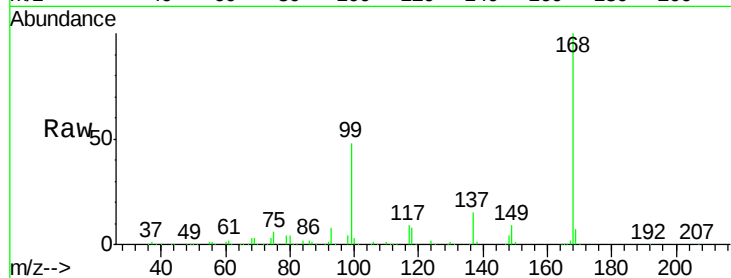
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

Tot Ion:168 Resp: 1118847

Ion Ratio Lower Upper

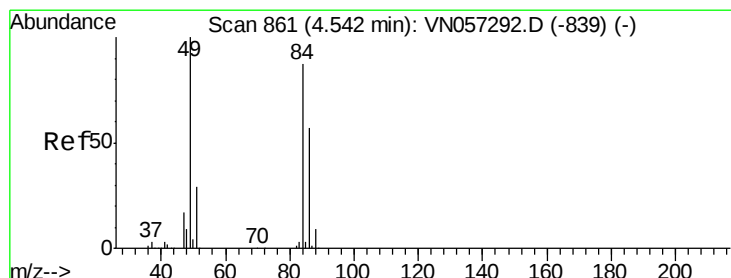
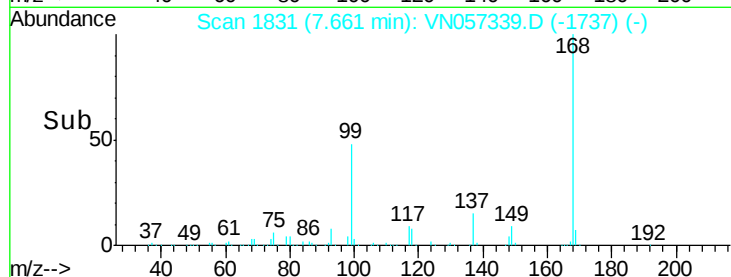
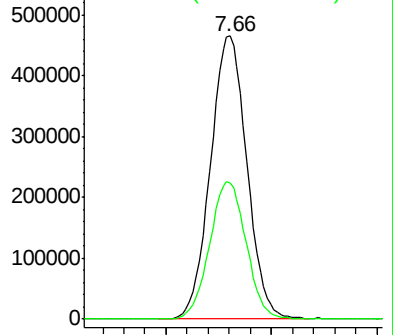
168 100

99 48.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.653 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Tgt Ion: 84 Resp: 19519

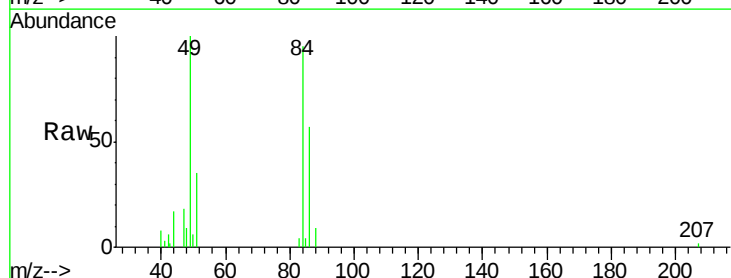
Ion Ratio Lower Upper

84 100

49 102.2 92.0 138.0

51 36.2 27.1 40.7

86 59.3 52.2 78.2

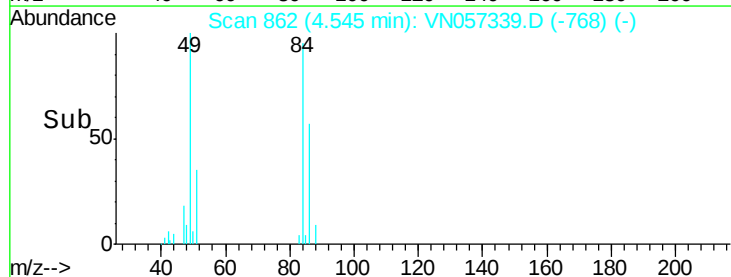
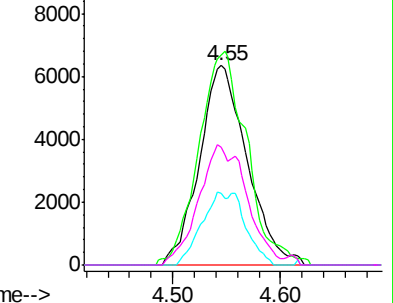


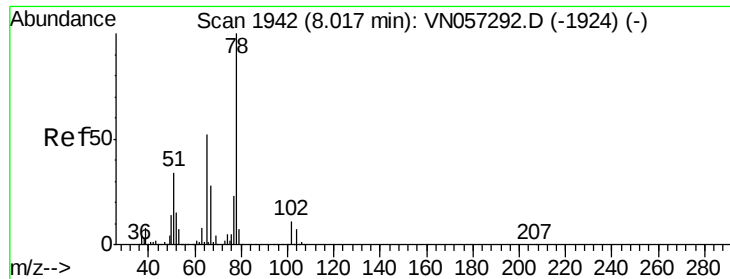
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

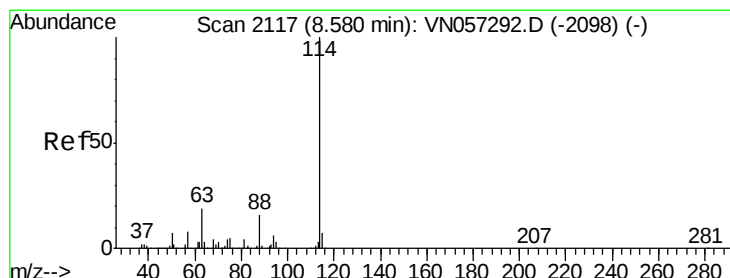
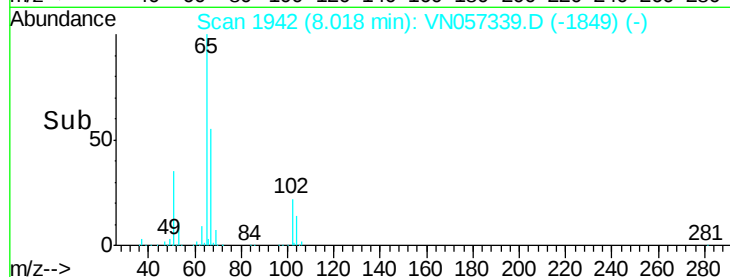
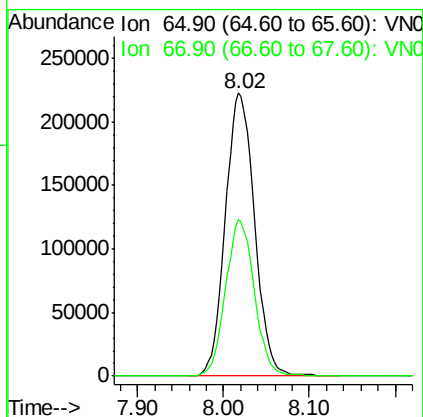
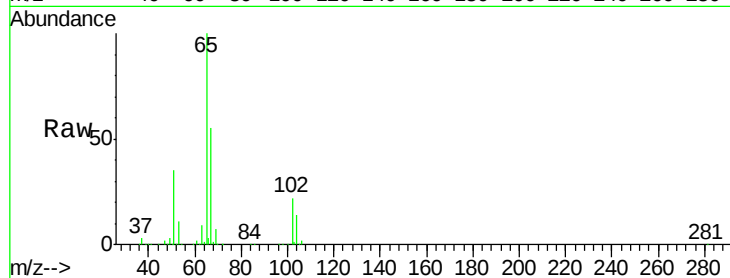




#33
 1,2-Dichloroethane-d4
 Concen: 43.233 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

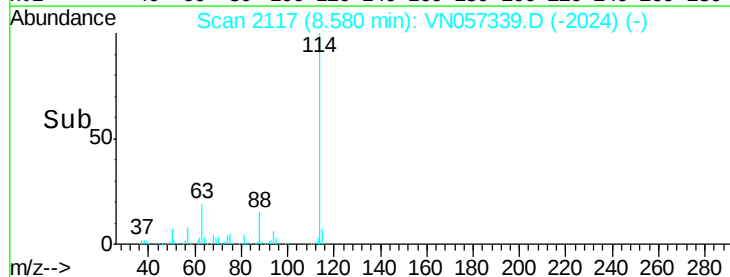
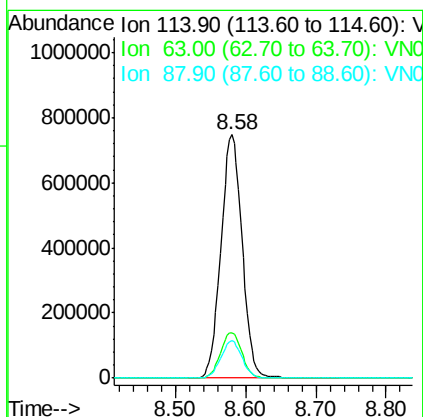
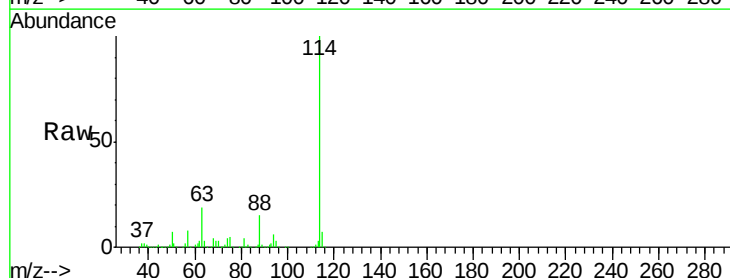
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G3-(3)

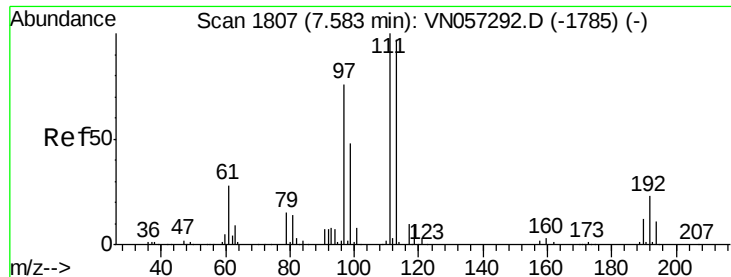
Tot Ion: 65 Resp: 525852
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

Tgt Ion: 114 Resp: 1570578
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.8
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.658 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

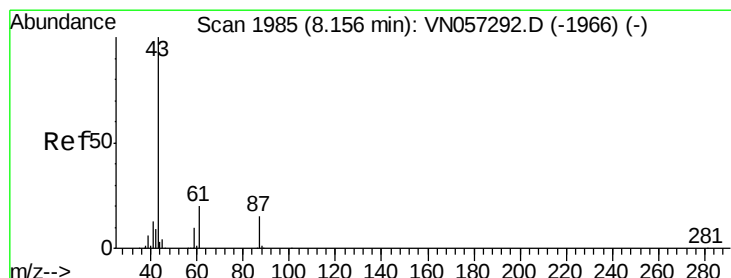
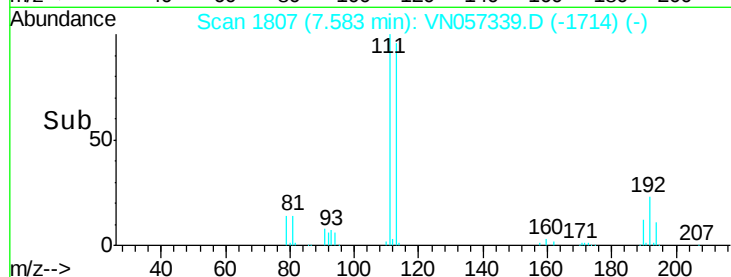
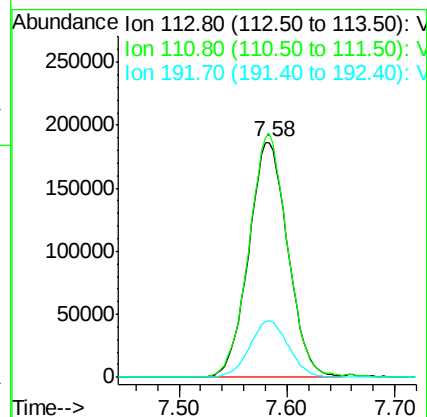
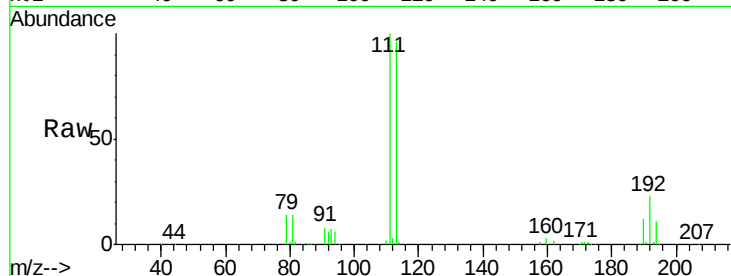
Tot Ion:113 Resp: 470066

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 23.8 19.3 28.9



#43

Isopropyl Acetate

Concen: 9.563 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

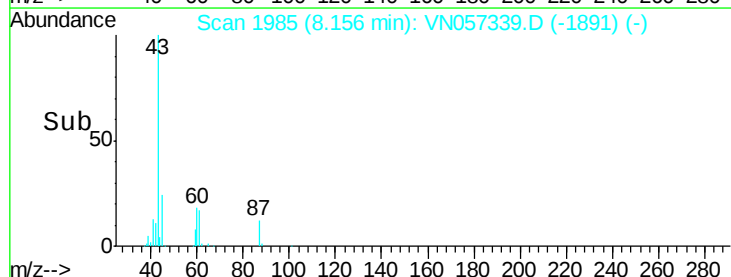
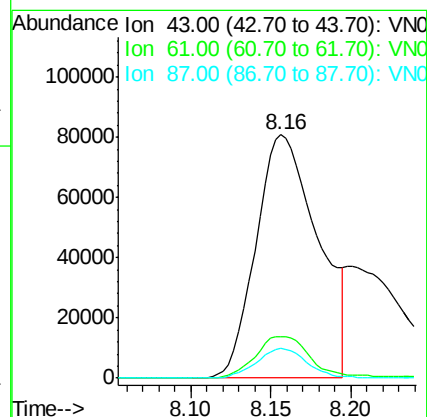
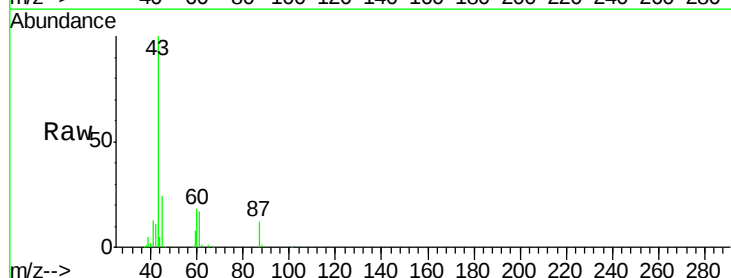
Tgt Ion: 43 Resp: 217586

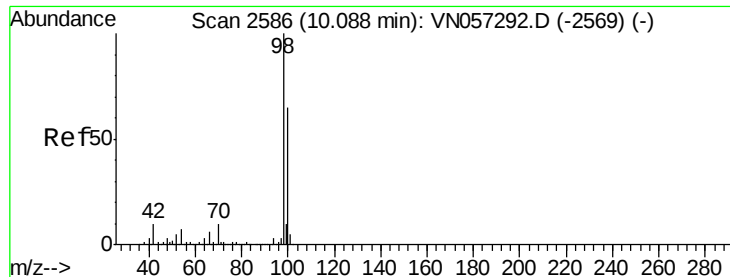
Ion Ratio Lower Upper

43 100

61 15.5 21.6 32.4#

87 9.9 11.4 17.0#





#50

Toluene-d8

Concen: 48.759 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

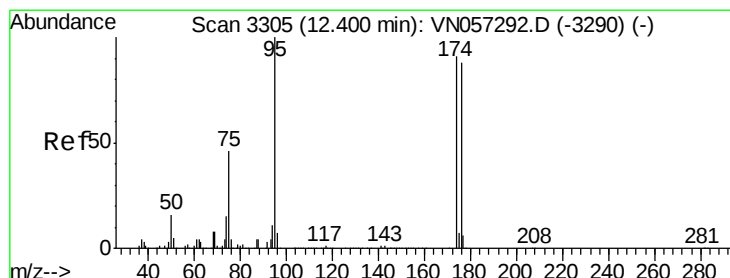
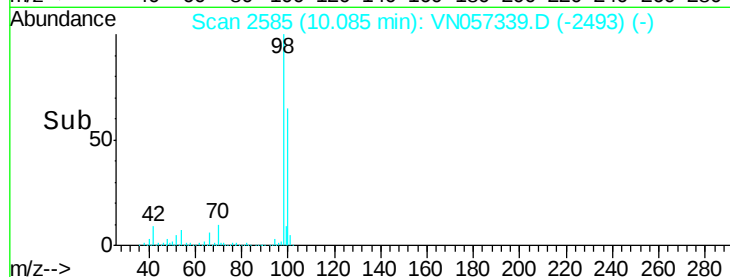
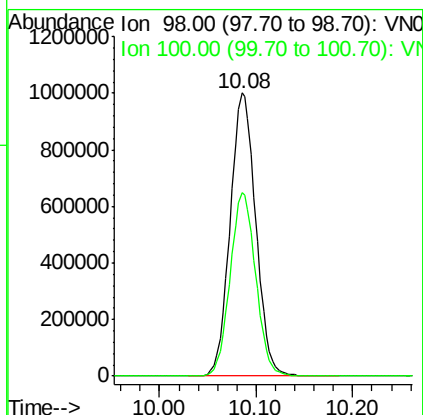
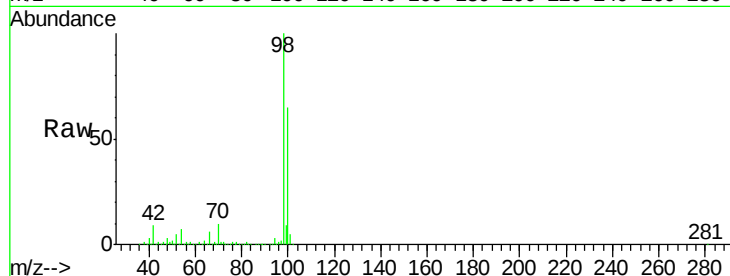
REACTOR-3-G3-(3)

Tot Ion: 98 Resp: 1836055

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.611 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

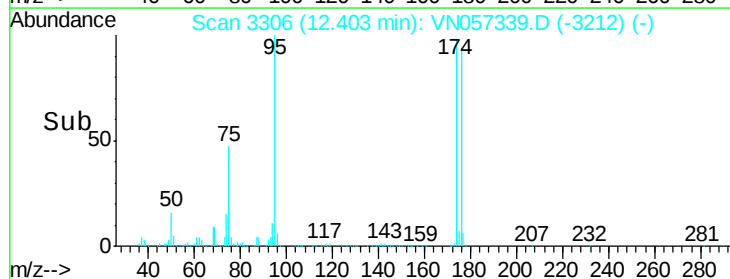
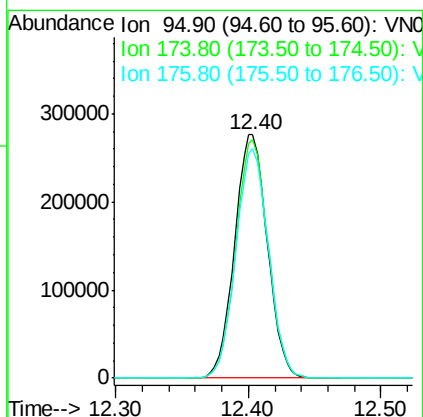
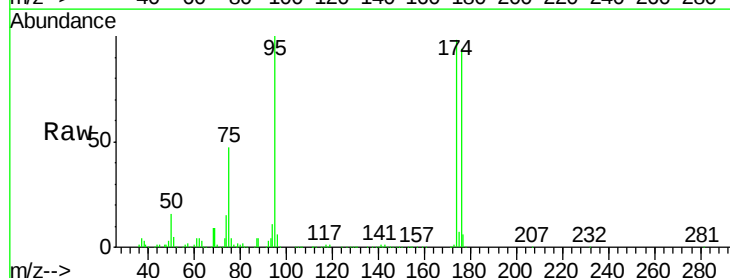
Tgt Ion: 95 Resp: 473894

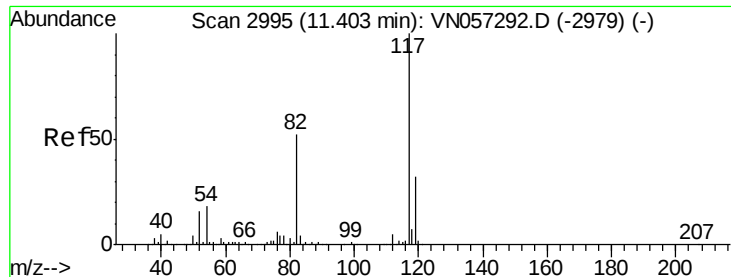
Ion Ratio Lower Upper

95 100

174 96.6 0.0 185.0

176 93.7 0.0 181.0

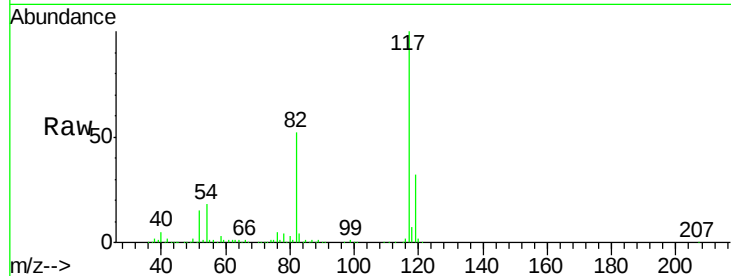




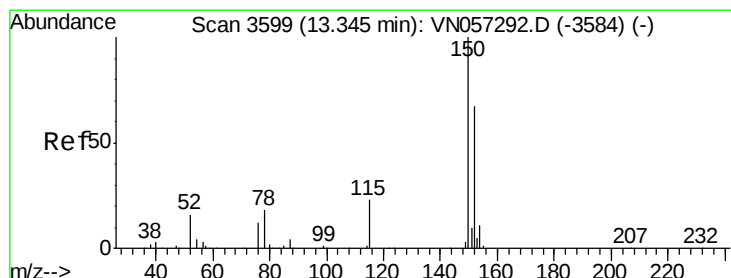
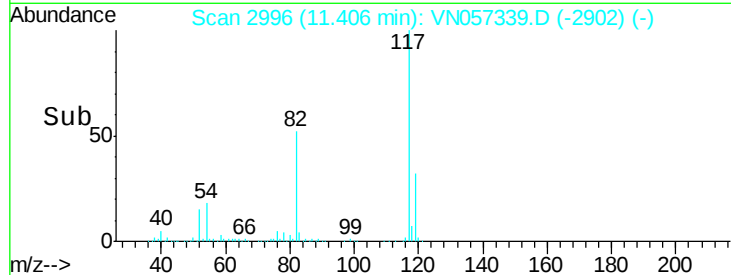
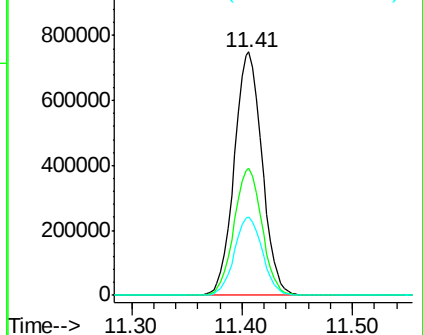
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

Tot Ion:117 Resp: 1307597
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 32.0 25.8 38.8

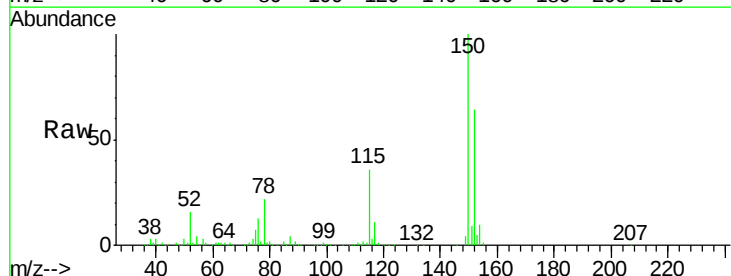


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion:152 Resp: 331139
Ion Ratio Lower Upper
152 100
115 56.0 27.3 81.9
150 156.1 0.0 344.4



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

