

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057337.D
 Acq On : 15 Aug 2019 17:29
 Operator : JC/SP
 Sample : K4264-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(3)

Quant Time: Aug 16 02:32:21 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

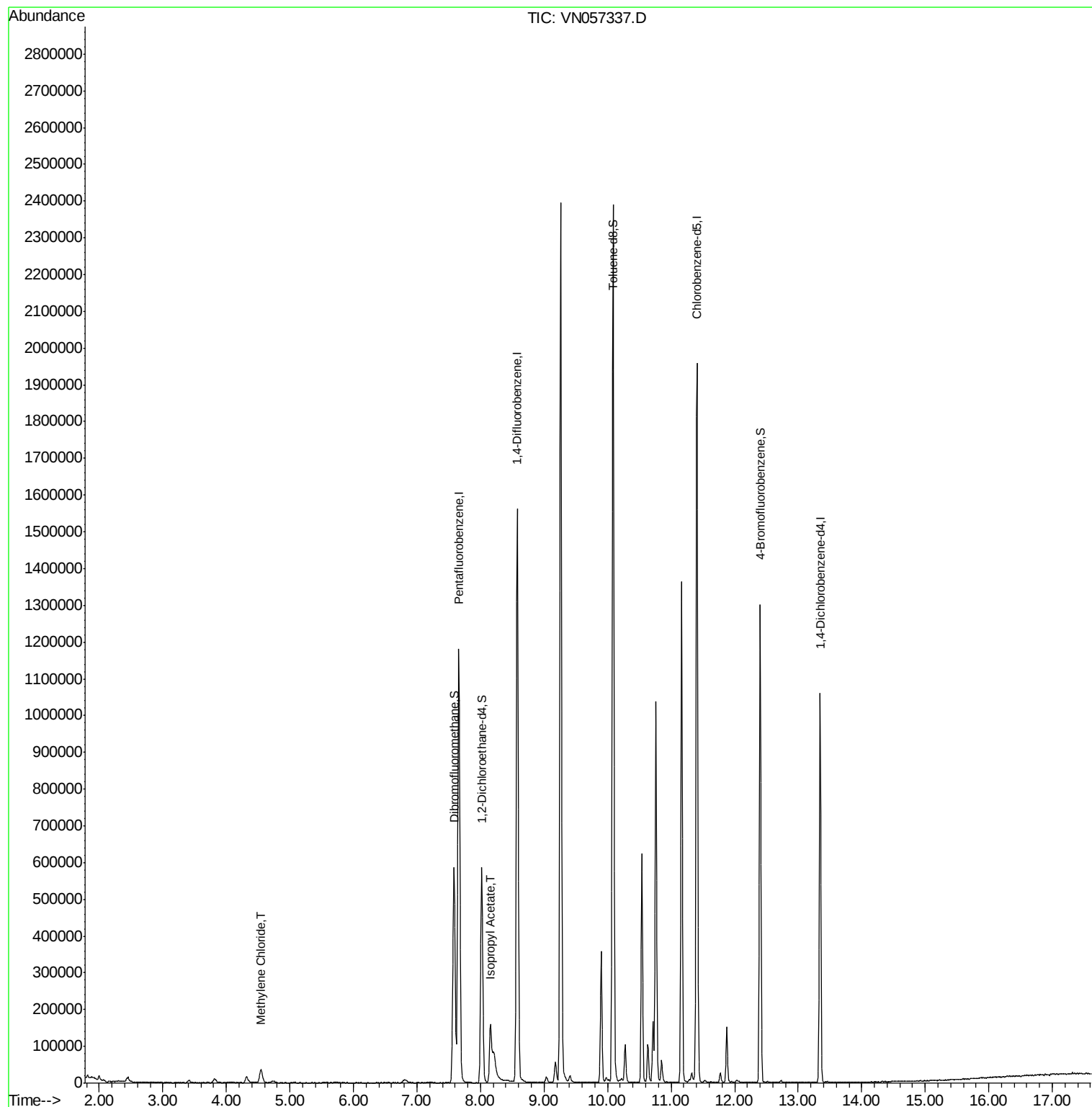
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1071938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1510061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1249644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	506624	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	7.58	113	457114	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
50) Toluene-d8	10.09	98	1754939	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.40	95	451816	35.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.62%	
Target Compounds						
20) Methylene Chloride	4.55	84	28583	2.527	ug/l	95
43) Isopropyl Acetate	8.16	43	213418	9.779	ug/l #	80

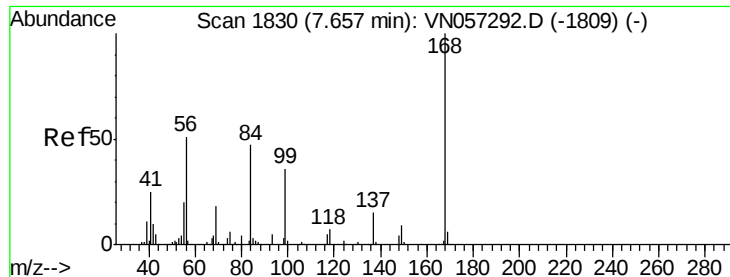
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

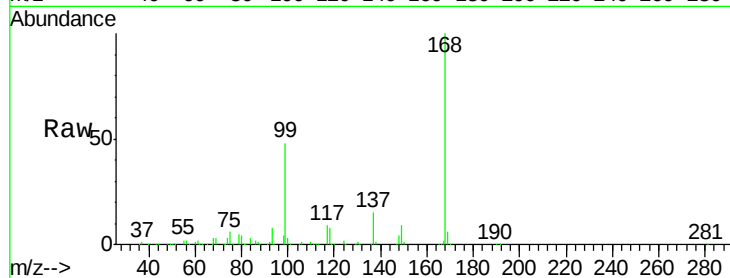
REACTOR-3-G1-(3)

Tot Ion:168 Resp: 1071938

Ion Ratio Lower Upper

168 100

99 48.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

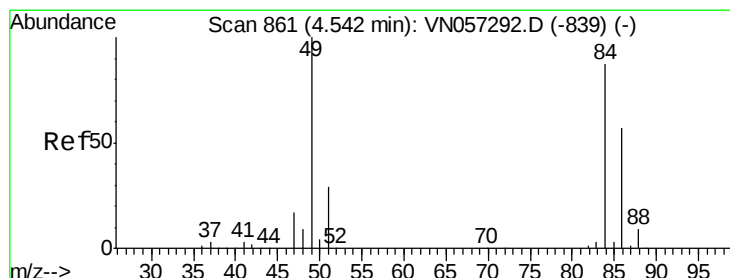
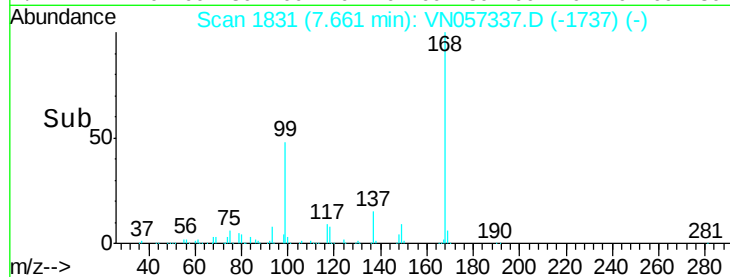
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 2.527 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Tgt Ion: 84 Resp: 28583

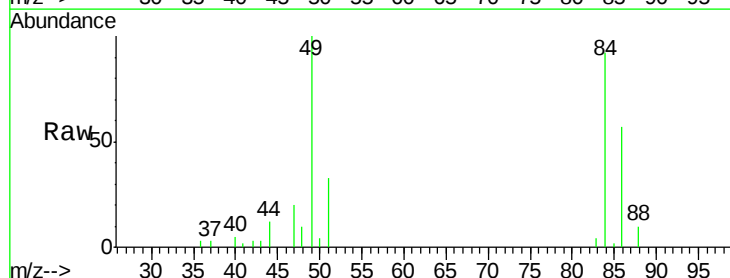
Ion Ratio Lower Upper

84 100

49 109.2 92.0 138.0

51 35.7 27.1 40.7

86 62.2 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

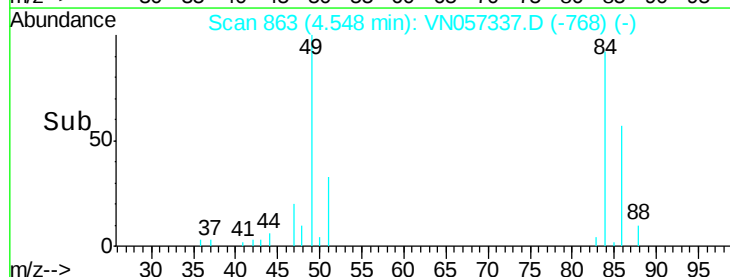
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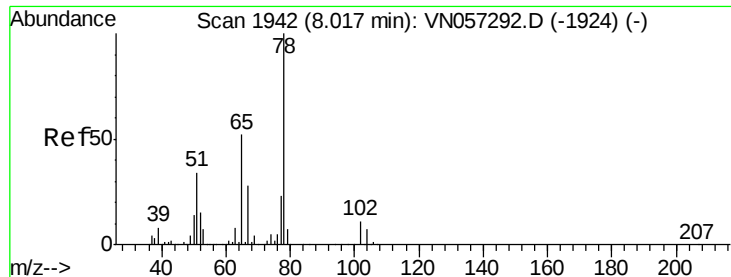
10000

5000

0

Time-->

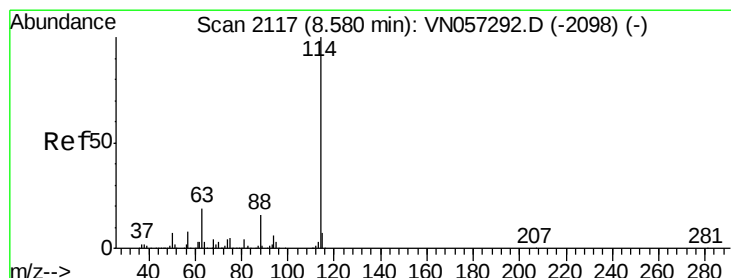
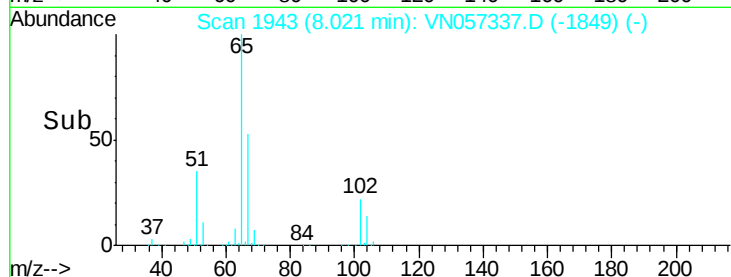
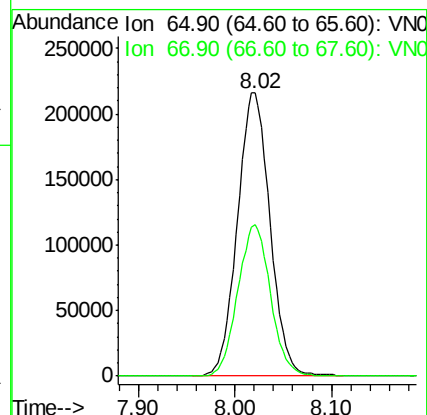
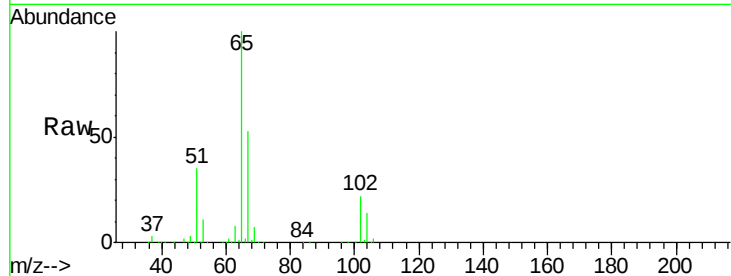




#33
 1,2-Dichloroethane-d4
 Concen: 43.475 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

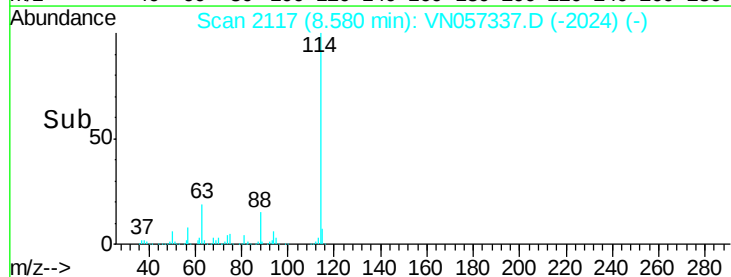
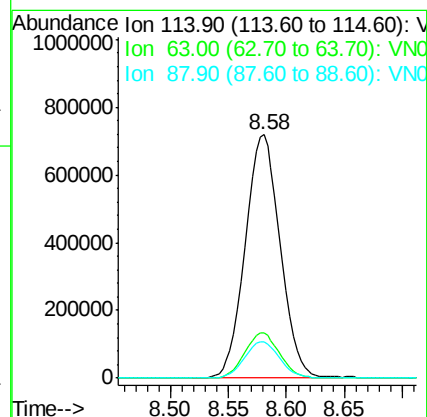
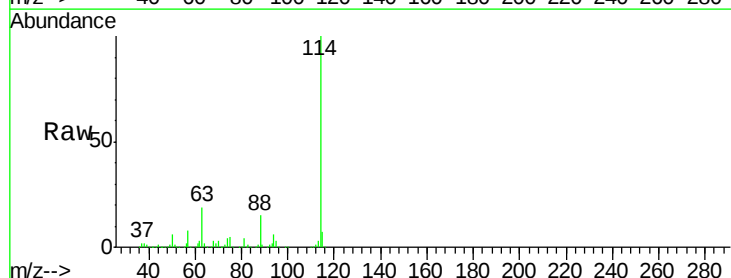
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(3)

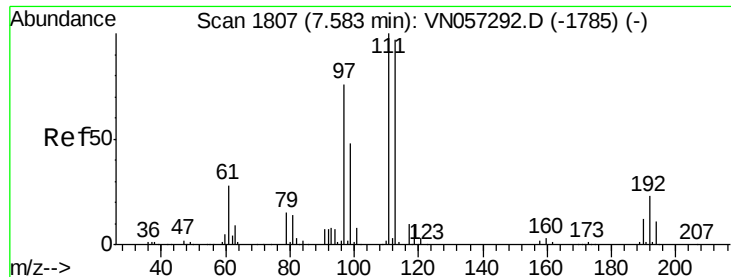
Tot Ion: 65 Resp: 506624
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

Tgt Ion: 114 Resp: 1510061
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.0 0.0 31.4

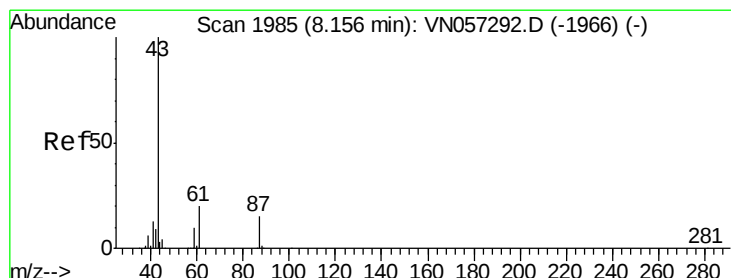
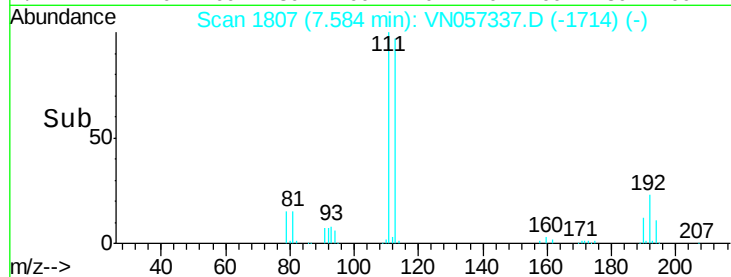
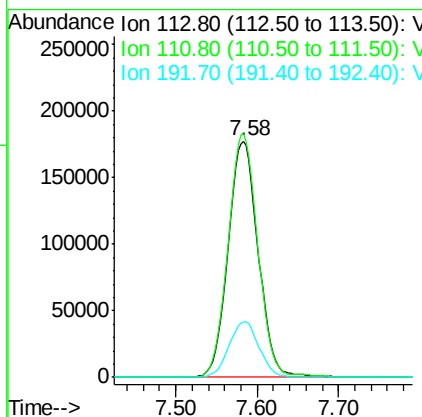
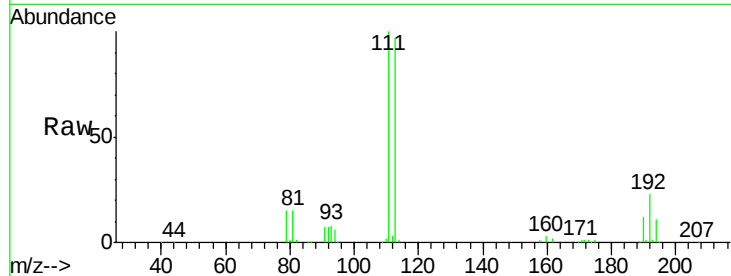




#35
 Dibromofluoromethane
 Concen: 46.179 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

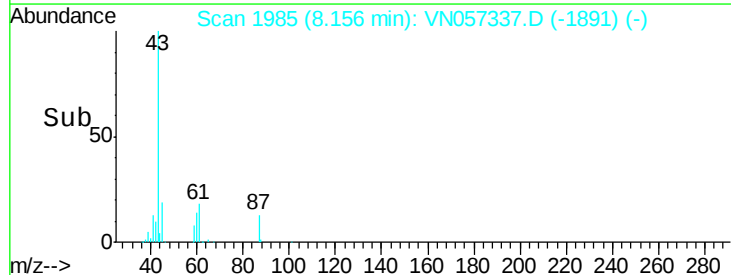
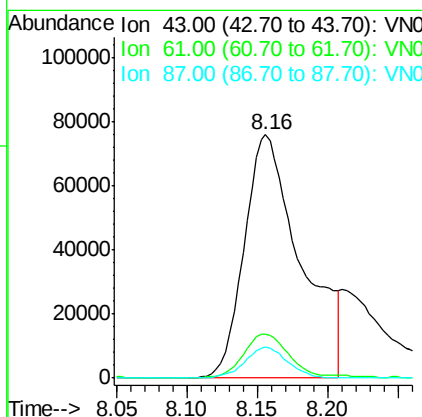
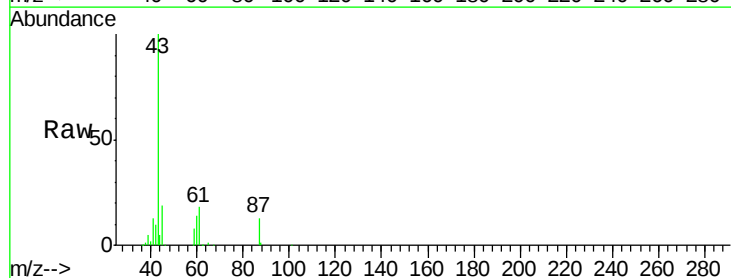
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(3)

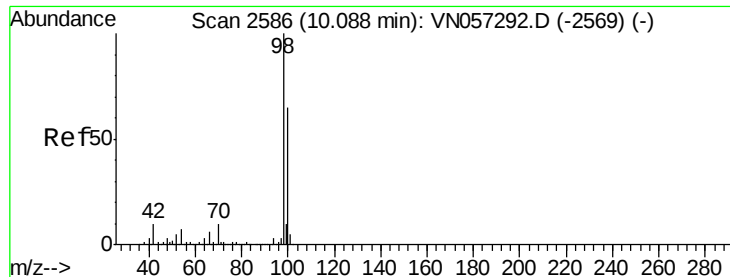
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	23.7	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 9.779 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	21.6	32.4#
87	9.5	11.4	17.0#





#50

Toluene-d8

Concen: 48.472 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

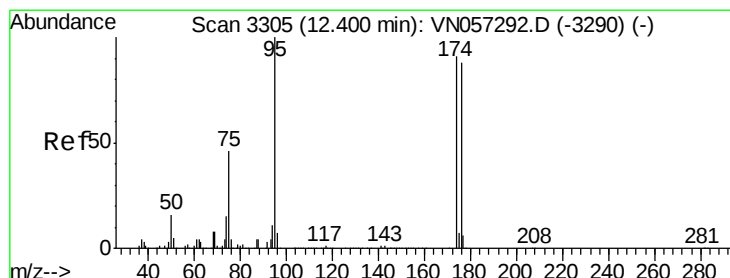
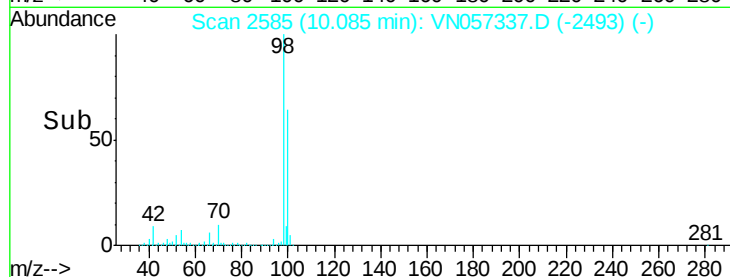
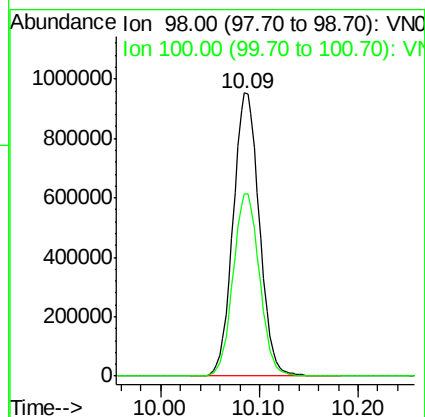
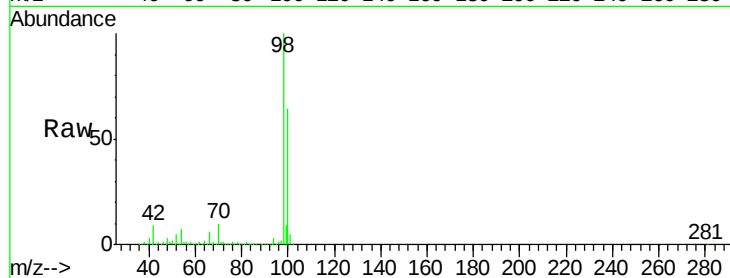
REACTOR-3-G1-(3)

Tot Ion: 98 Resp: 1754939

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.313 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

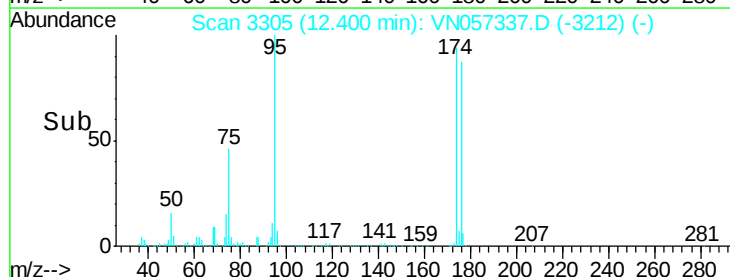
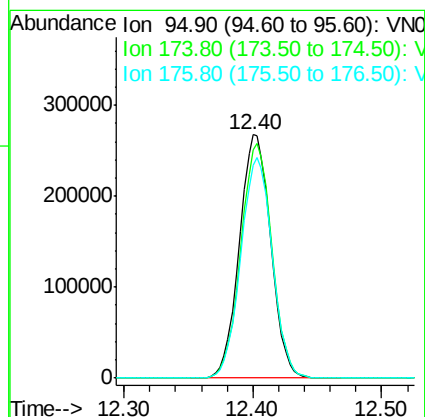
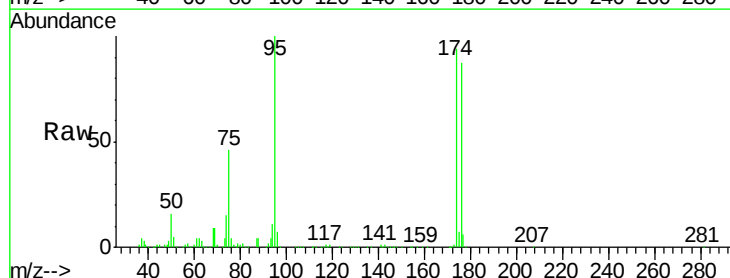
Tgt Ion: 95 Resp: 451816

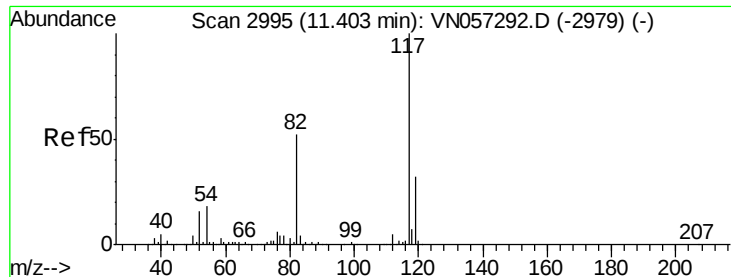
Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.0

176 90.9 0.0 181.0

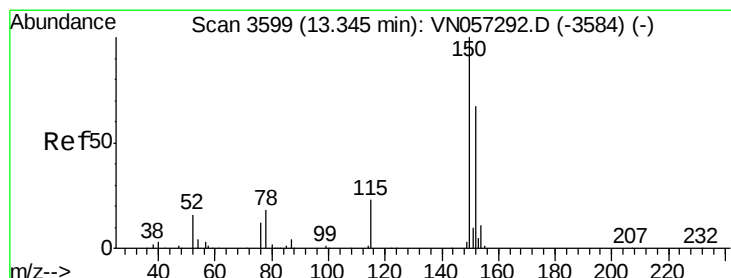
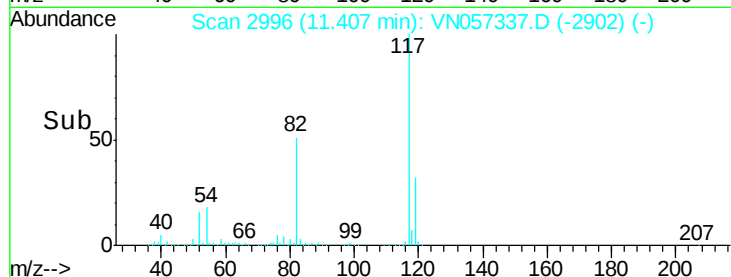
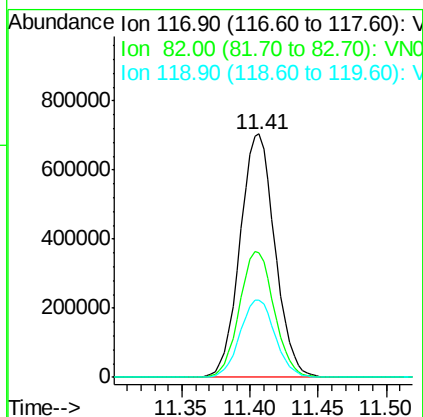
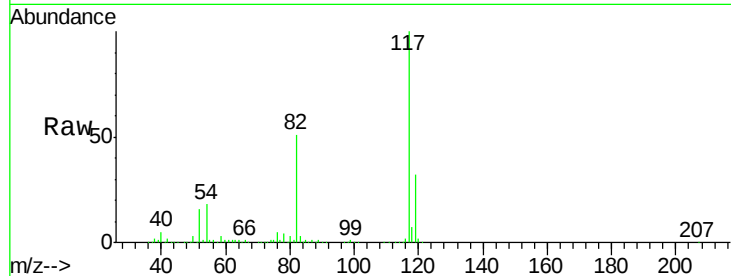




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(3)

Tot Ion:117 Resp: 1249644
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Tgt Ion:152 Resp: 312342
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 156.5 0.0 344.4

