

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057334.D
 Acq On : 15 Aug 2019 16:16
 Operator : JC/SP
 Sample : K4264-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G2-(2)

Quant Time: Aug 16 02:25:27 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

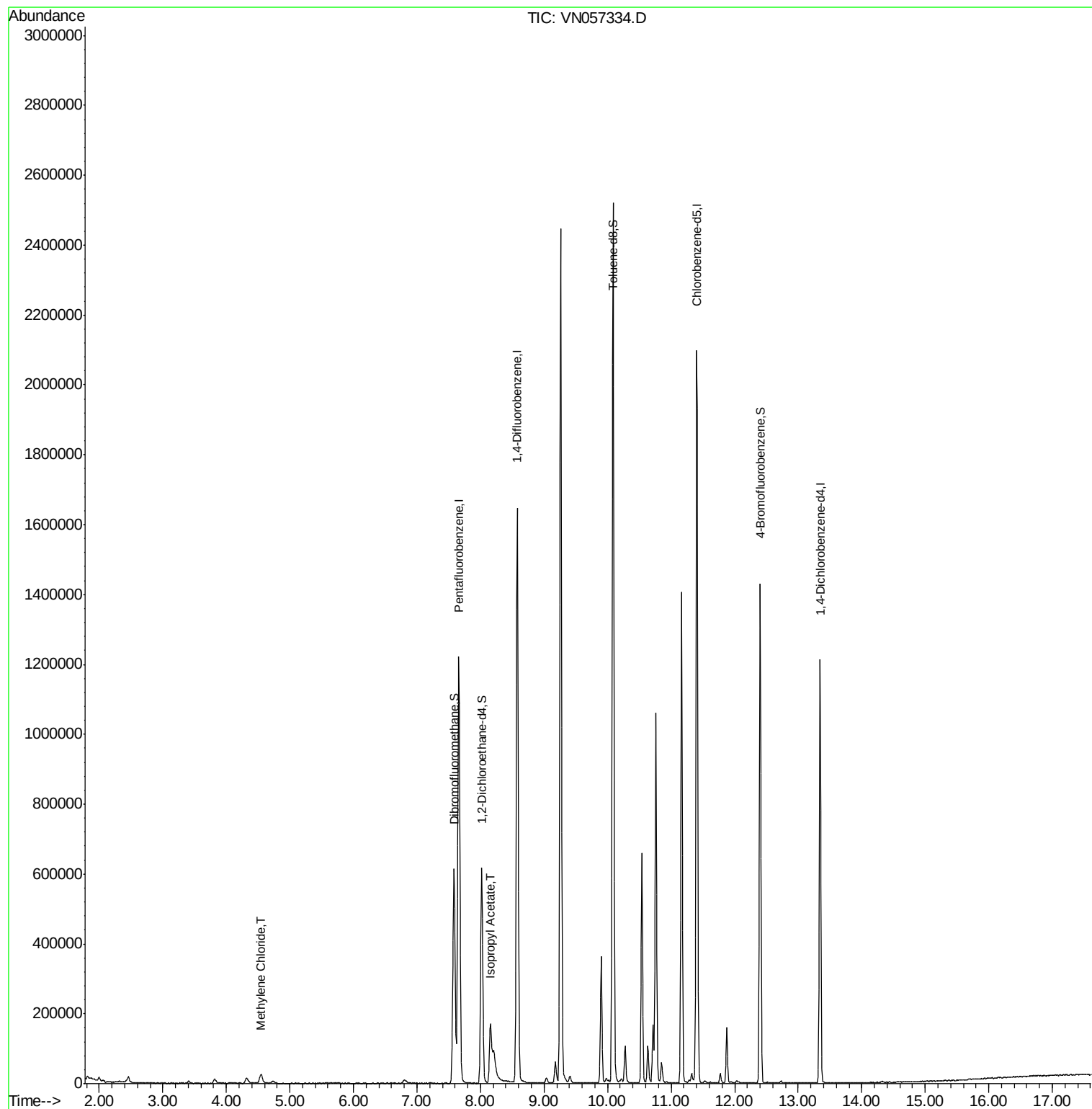
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1109485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1581968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1332879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	357335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	530168	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
35) Dibromofluoromethane	7.58	113	469812	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
50) Toluene-d8	10.09	98	1851568	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	496172	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
Target Compounds						
20) Methylene Chloride	4.55	84	21150	1.807	ug/l	97
43) Isopropyl Acetate	8.16	43	208452	9.039	ug/l #	81

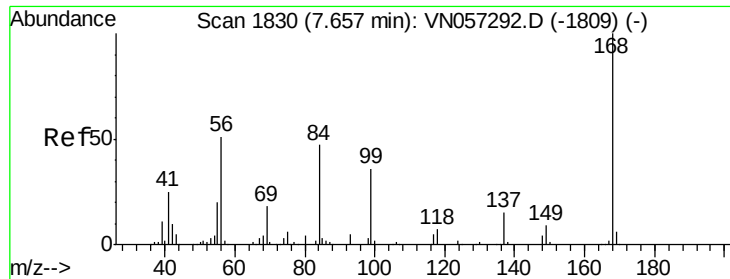
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN057334.D

Acq: 15 Aug 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

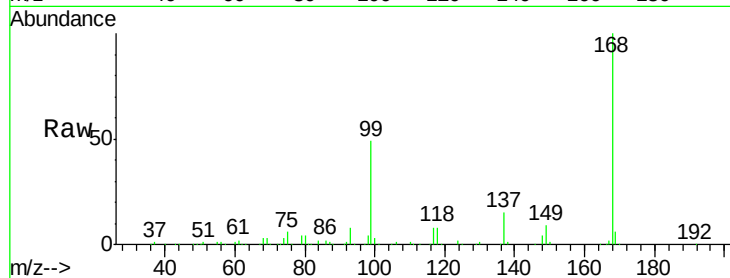
REACTOR-3-G2-(2)

Tot Ion:168 Resp: 1109485

Ion Ratio Lower Upper

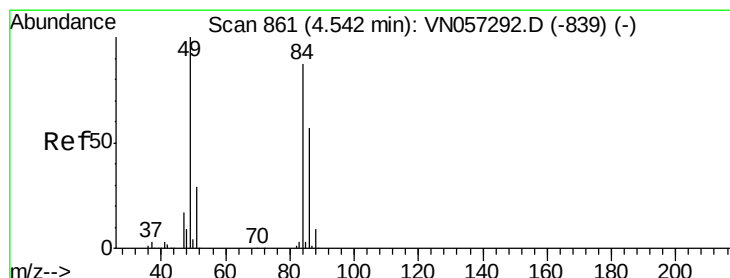
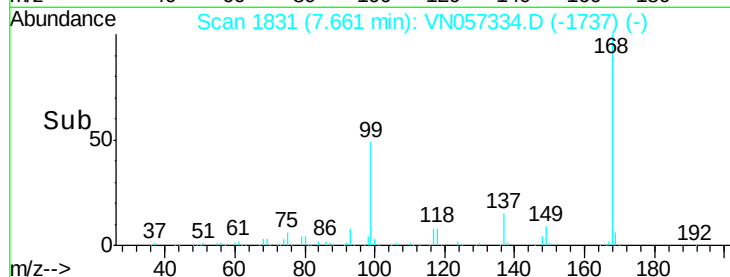
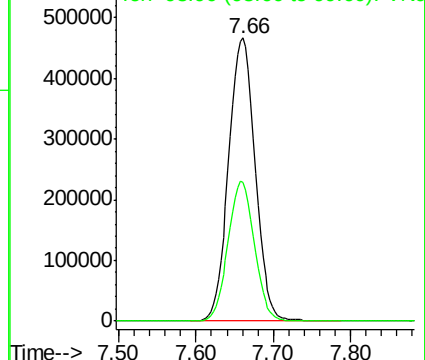
168 100

99 49.0 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: 1.807 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057334.D

Acq: 15 Aug 2019 16:16

Tgt Ion: 84 Resp: 21150

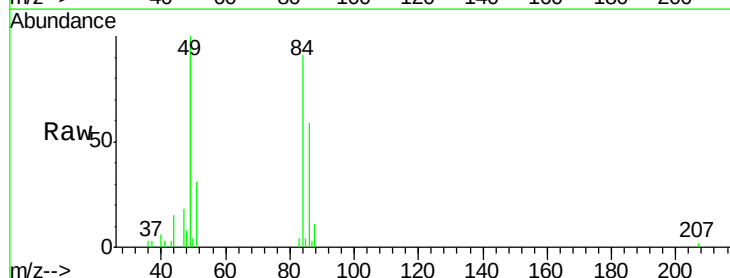
Ion Ratio Lower Upper

84 100

49 109.6 92.0 138.0

51 34.1 27.1 40.7

86 64.6 52.2 78.2

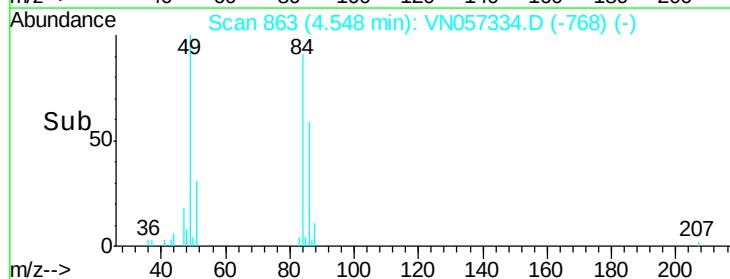
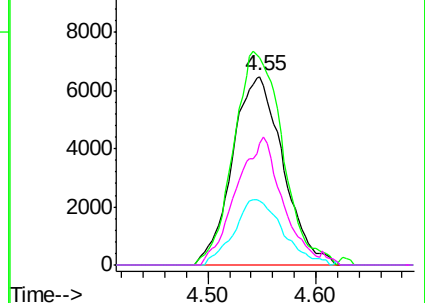


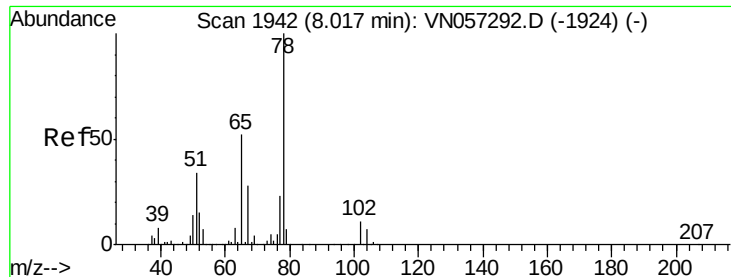
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

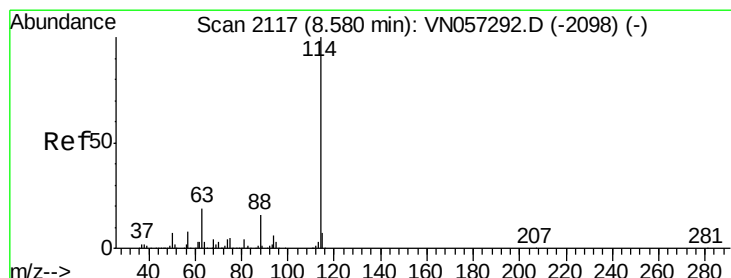
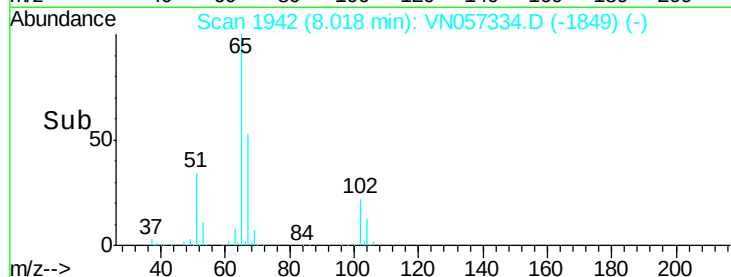
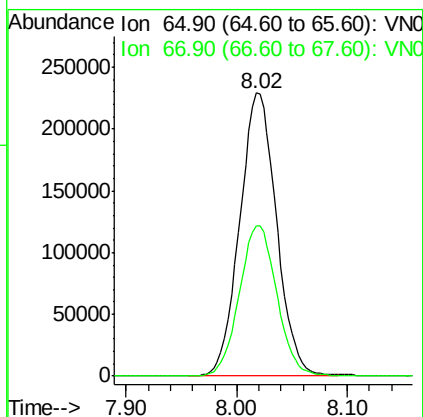
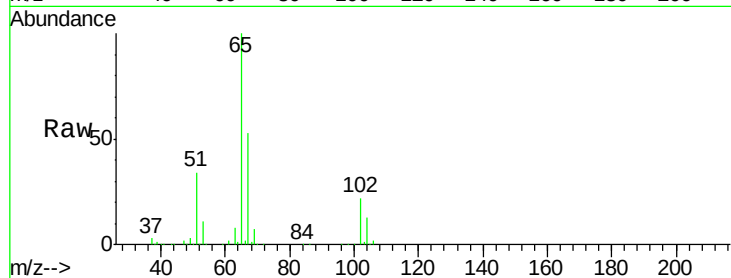




#33
 1,2-Dichloroethane-d4
 Concen: 43.956 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057334.D
 Acq: 15 Aug 2019 16:16

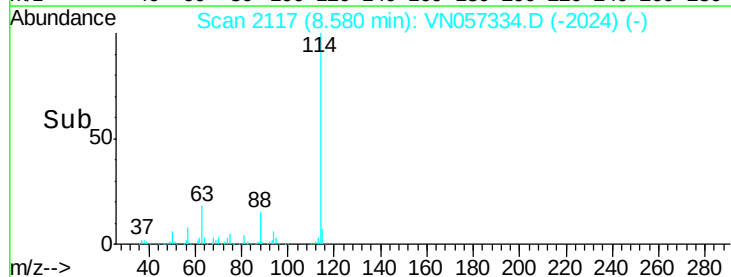
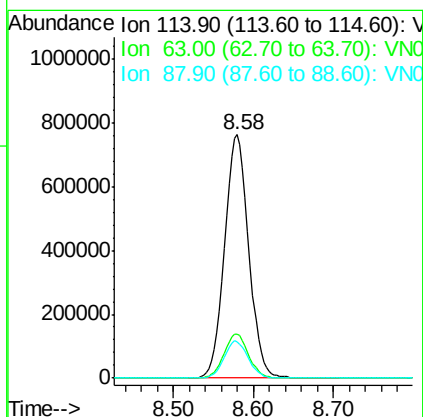
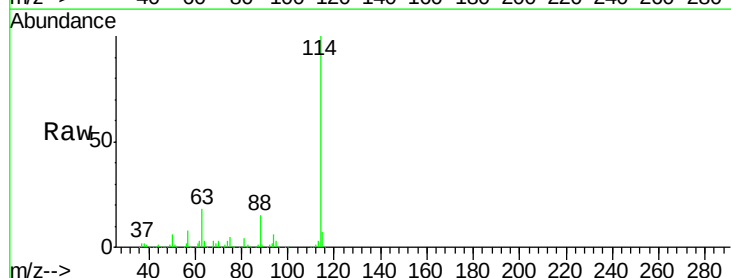
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G2-(2)

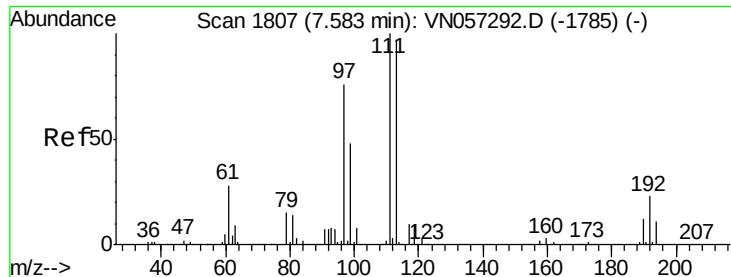
Tot Ion: 65 Resp: 530168
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057334.D
 Acq: 15 Aug 2019 16:16

Tgt Ion: 114 Resp: 1581968
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.8
 88 15.0 0.0 31.4

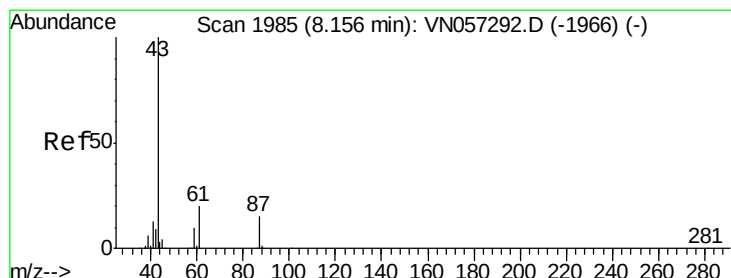
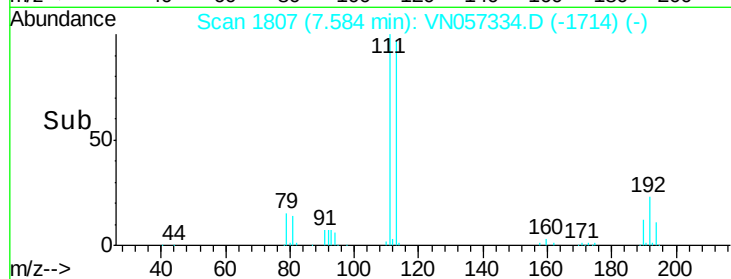
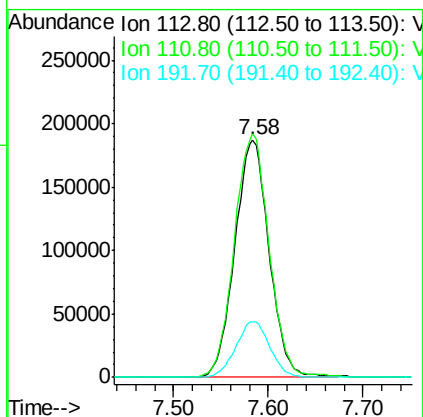
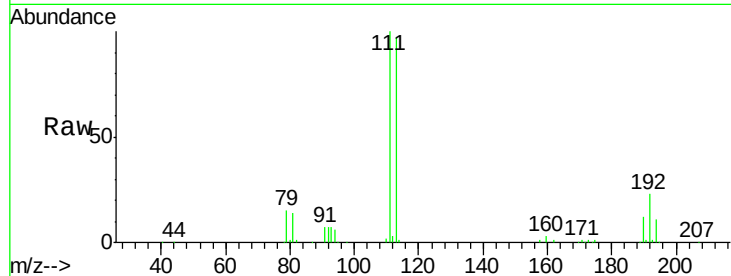




#35
 Dibromofluoromethane
 Concen: 45.304 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057334.D
 Acq: 15 Aug 2019 16:16

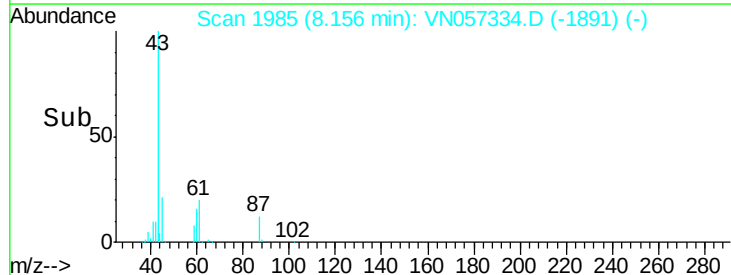
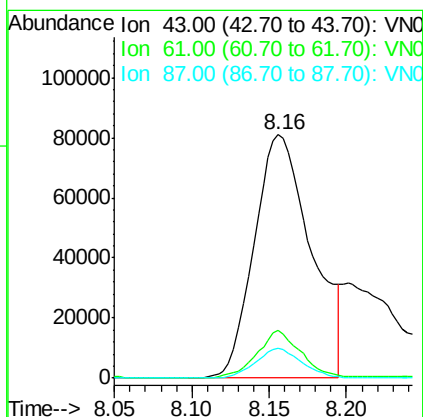
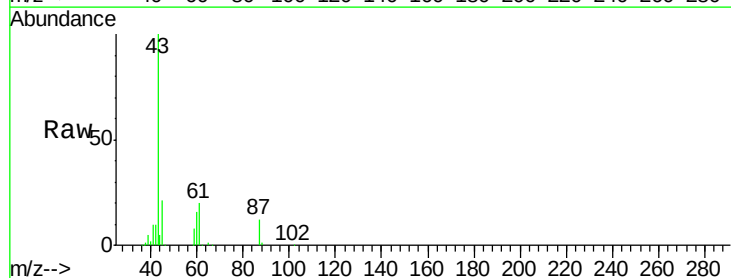
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G2-(2)

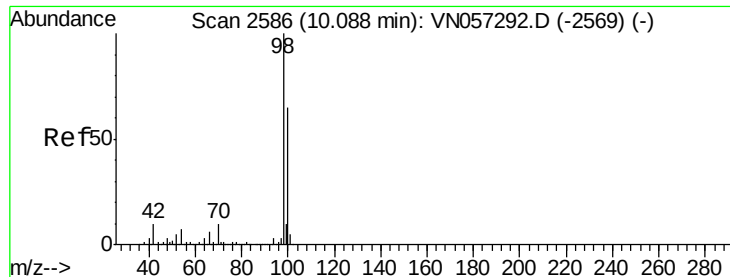
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.1	123.1
192	23.5	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 9.039 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057334.D
 Acq: 15 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	21.6	32.4#
87	10.1	11.4	17.0#





#50

Toluene-d8

Concen: 48.817 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057334.D

Acq: 15 Aug 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

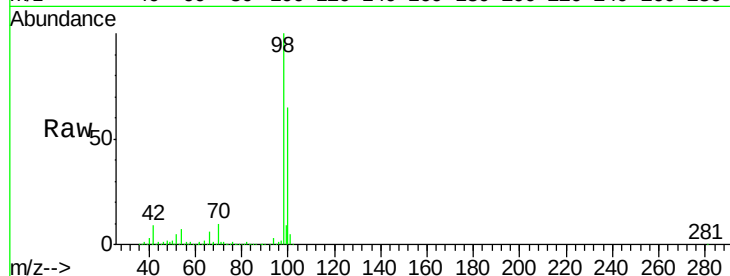
REACTOR-3-G2-(2)

Tot Ion: 98 Resp: 1851568

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057292.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057292.D (-2569) (-)

10.09

1000000

800000

600000

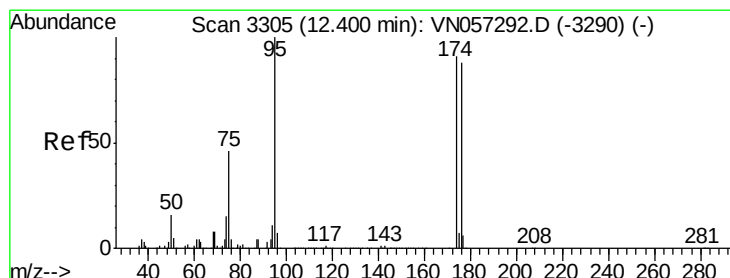
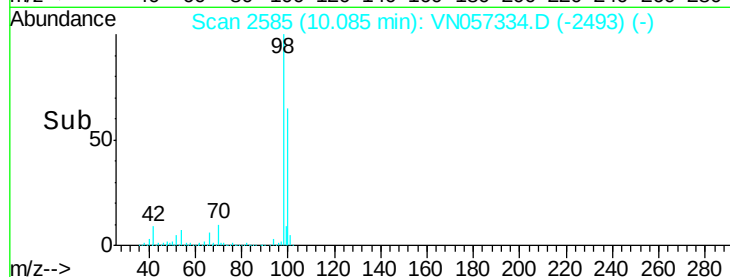
400000

200000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 37.017 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057334.D

Acq: 15 Aug 2019 16:16

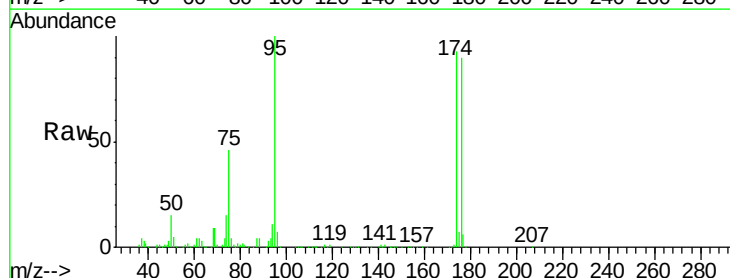
Tgt Ion: 95 Resp: 496172

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.0

176 92.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)

12.40

400000

300000

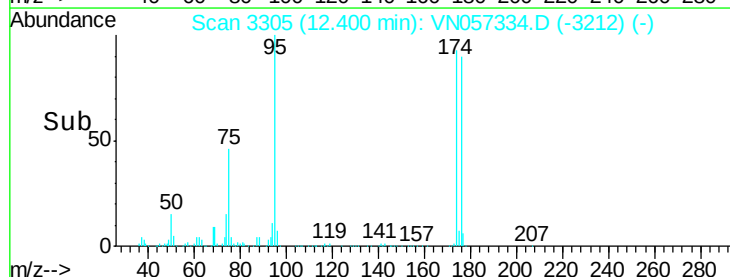
200000

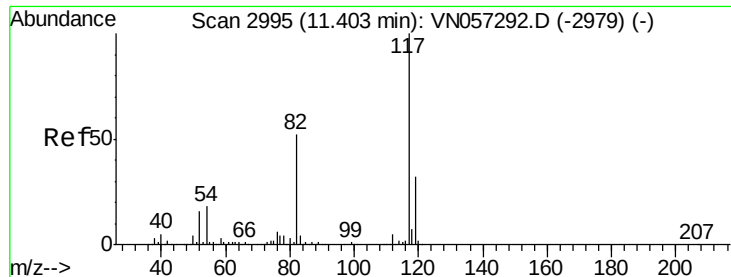
100000

0

Time-->

12.35 12.40 12.45

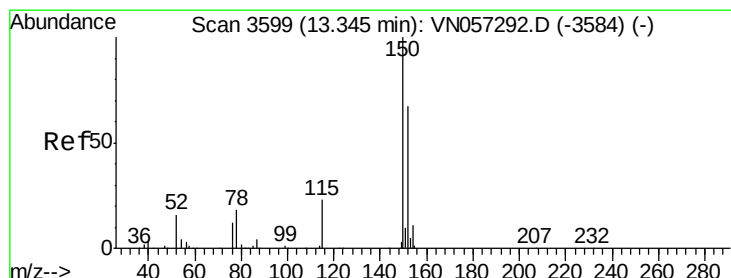
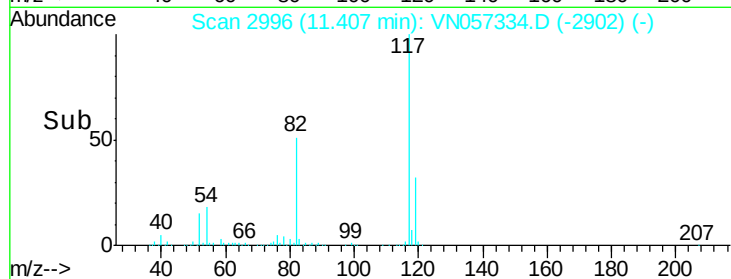
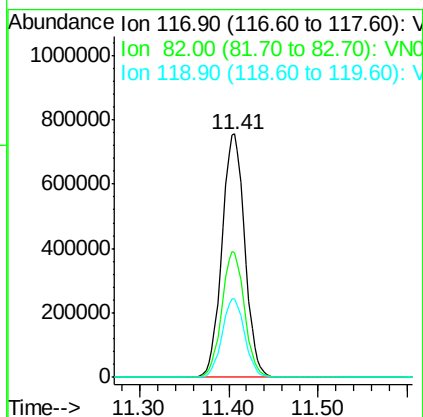
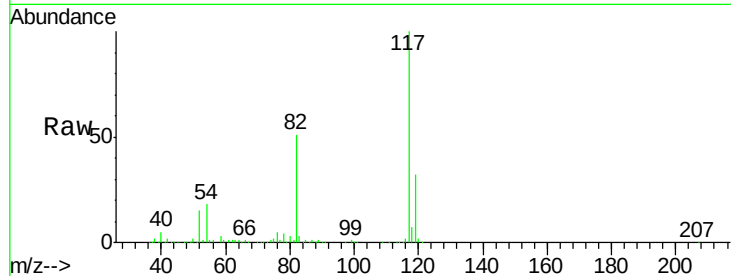




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057334.D
Acq: 15 Aug 2019 16:16

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G2-(2)

Tot Ion:117 Resp: 1332879
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 32.2 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: VN057334.D
Acq: 15 Aug 2019 16:16

Tgt Ion:152 Resp: 357335
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 155.1 0.0 344.4

