

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057336.D
 Acq On : 15 Aug 2019 17:05
 Operator : JC/SP
 Sample : K4264-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

Quant Time: Aug 16 02:29:52 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

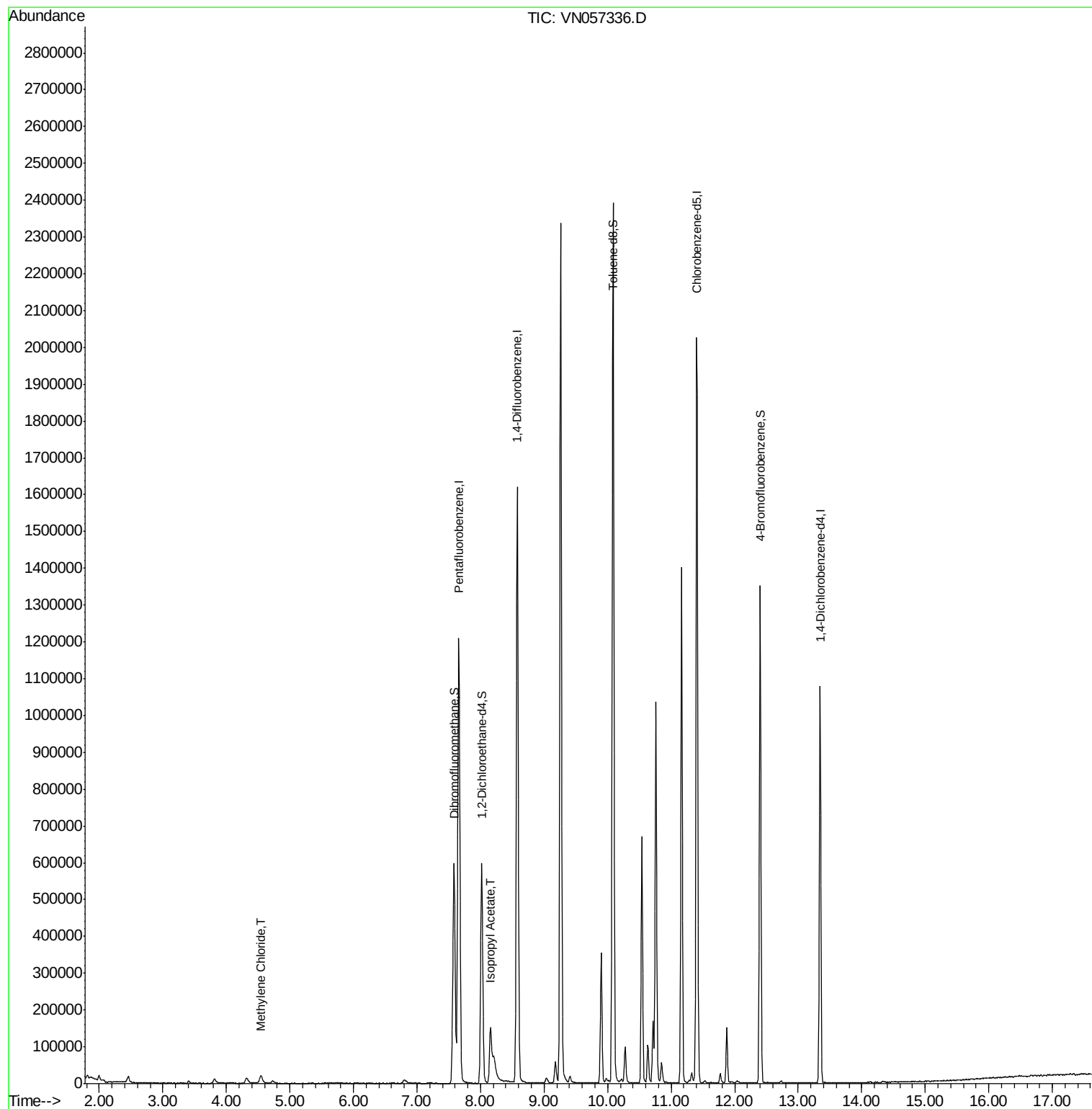
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1107966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1552174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	519546	43.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.26%	
35) Dibromofluoromethane	7.58	113	460130	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
50) Toluene-d8	10.09	98	1799539	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	467896	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.16%	
Target Compounds						
20) Methylene Chloride	4.54	84	16706	1.429	ug/l #	90
43) Isopropyl Acetate	8.16	43	185527	8.093	ug/l #	85

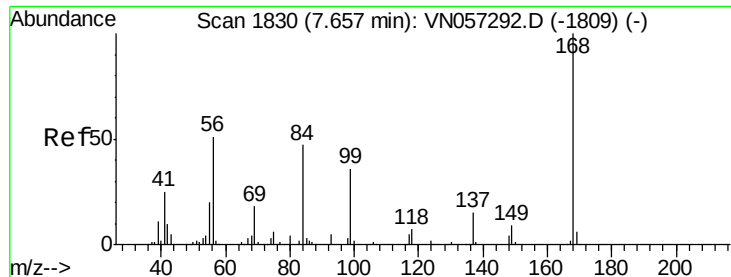
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

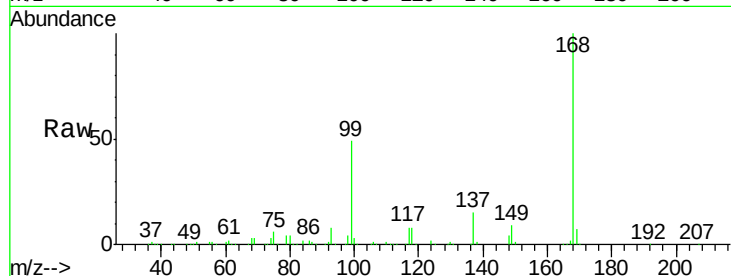
REACTOR-3-G4-(2)

Tot Ion:168 Resp: 1107966

Ion Ratio Lower Upper

168 100

99 48.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

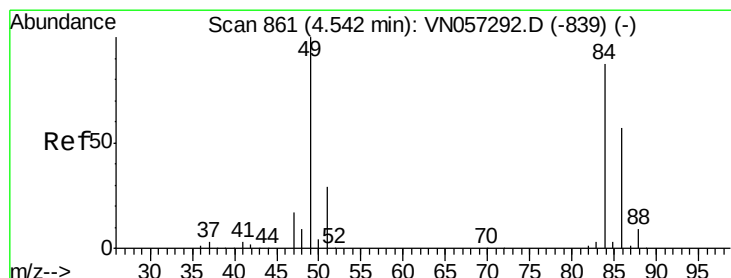
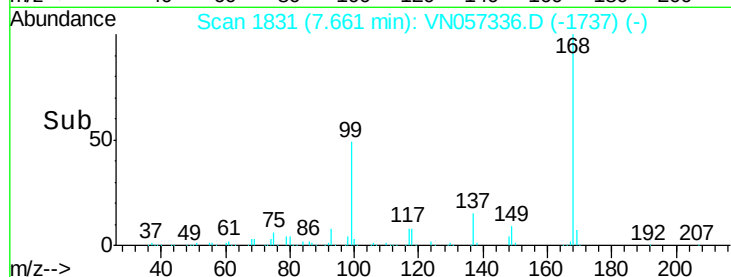
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.429 ug/l

RT: 4.54 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Tgt Ion: 84 Resp: 16706

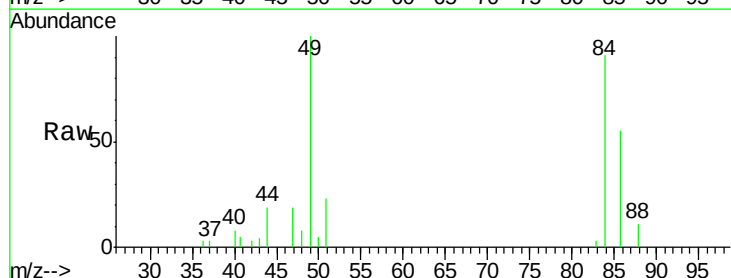
Ion Ratio Lower Upper

84 100

49 106.5 92.0 138.0

51 25.5 27.1 40.7#

86 56.4 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

8000

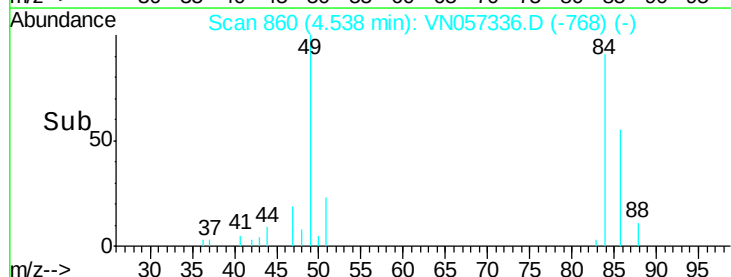
6000

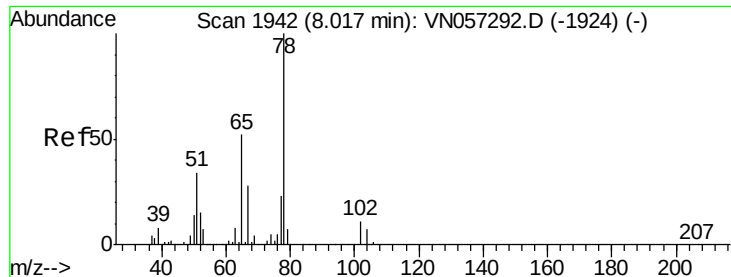
4000

2000

0

Time-->

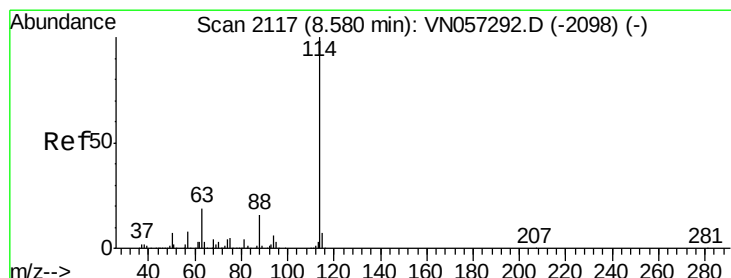
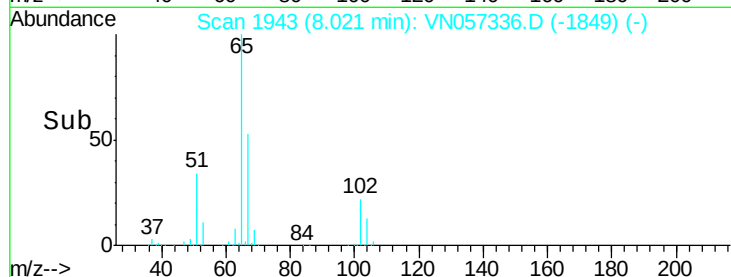
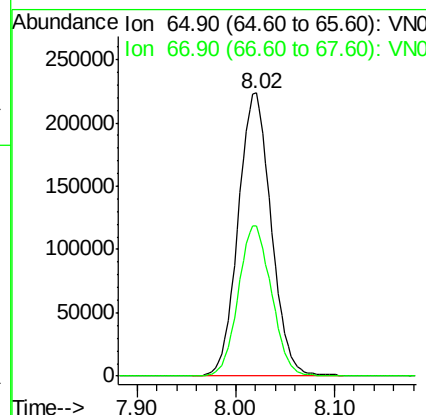
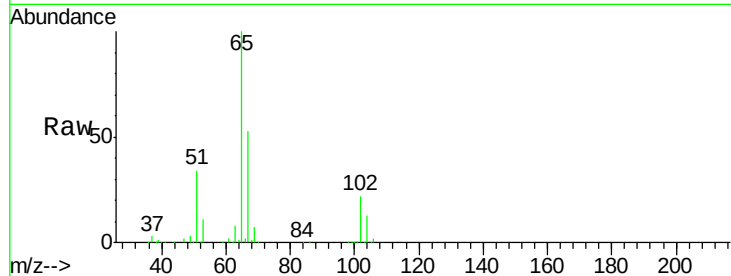




#33
 1,2-Dichloroethane-d4
 Concen: 43.134 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

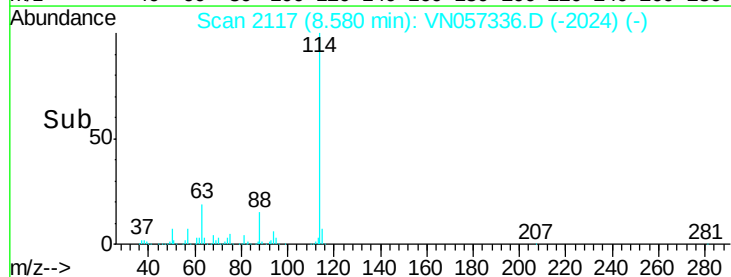
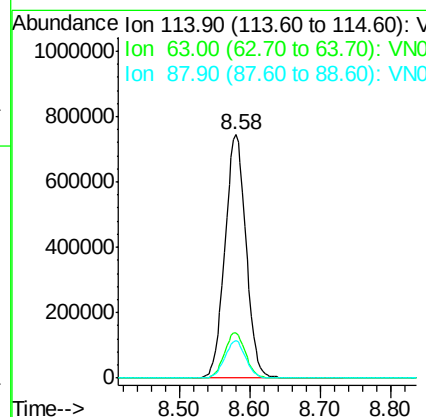
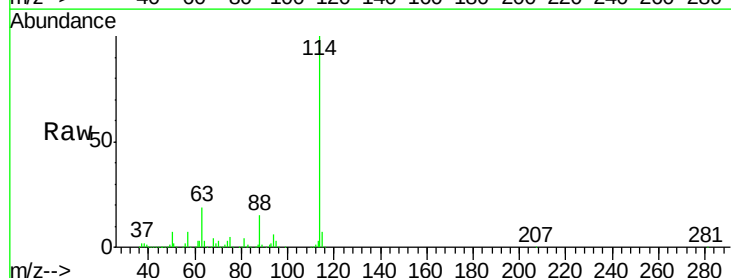
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

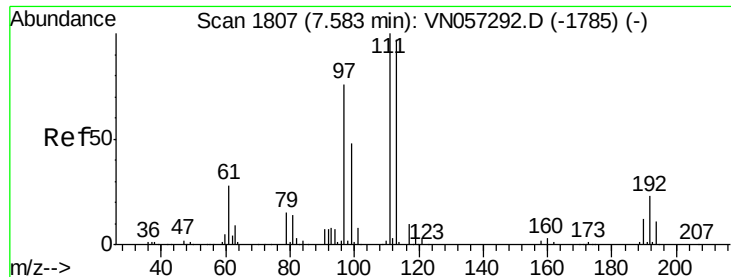
Tot Ion: 65 Resp: 519546
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Tgt Ion: 114 Resp: 1552174
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.3 0.0 31.4

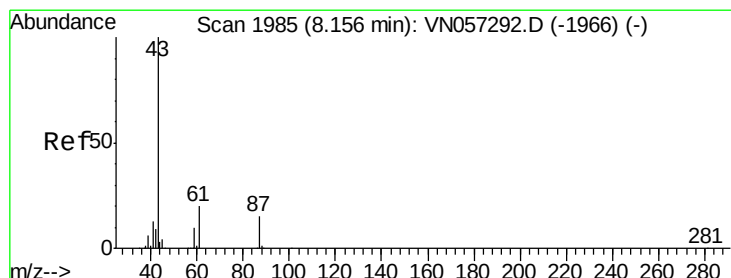
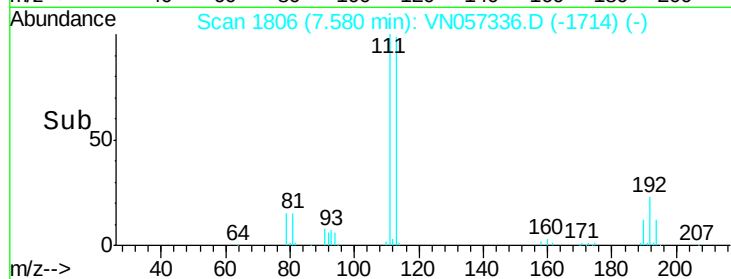
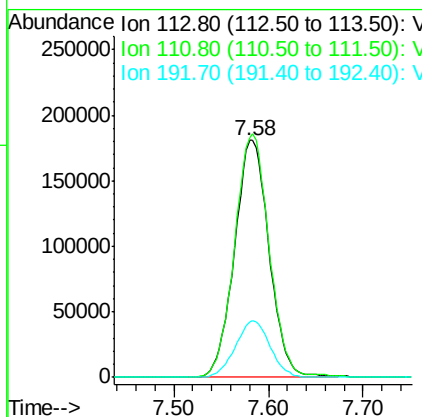
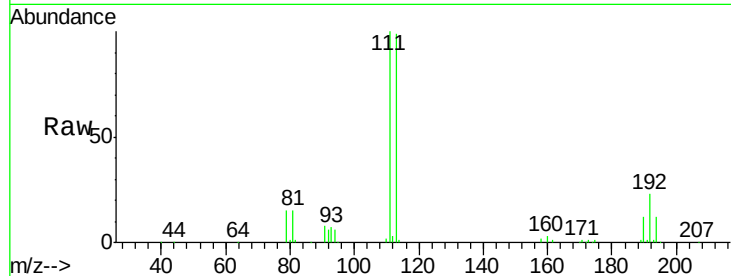




#35
 Dibromofluoromethane
 Concen: 45.222 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

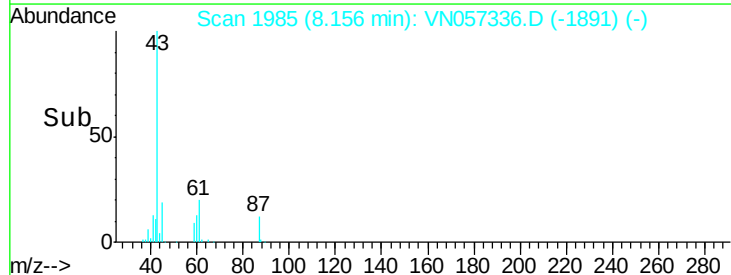
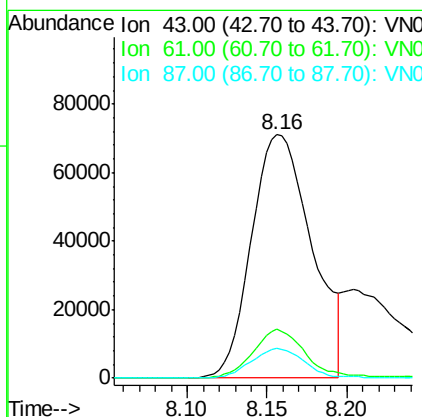
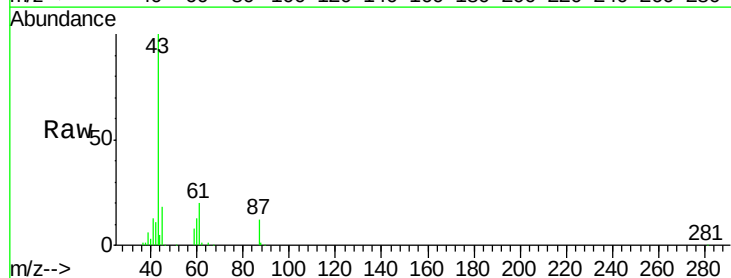
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

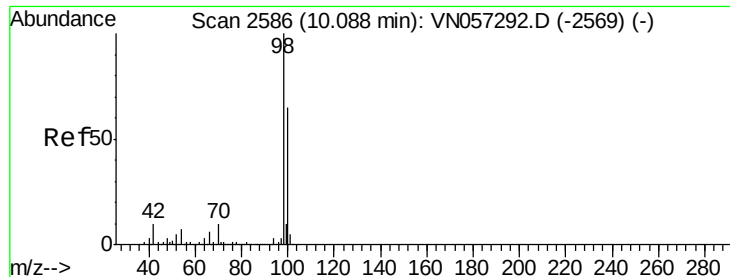
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	23.9	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 8.093 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.3	21.6	32.4#
87	10.6	11.4	17.0#





#50

Toluene-d8

Concen: 48.356 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

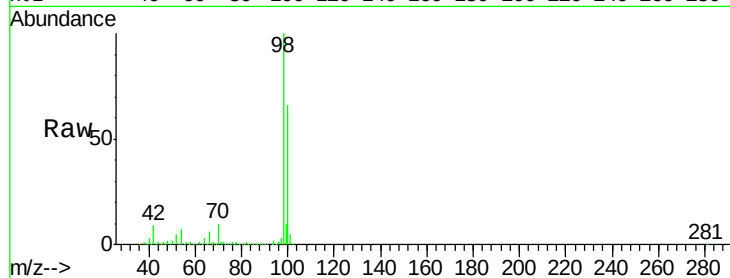
REACTOR-3-G4-(2)

Tot Ion: 98 Resp: 1799539

Ion Ratio Lower Upper

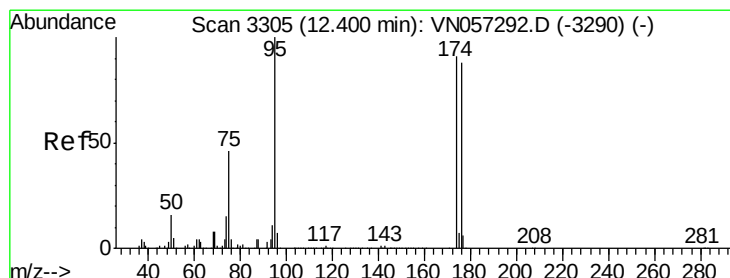
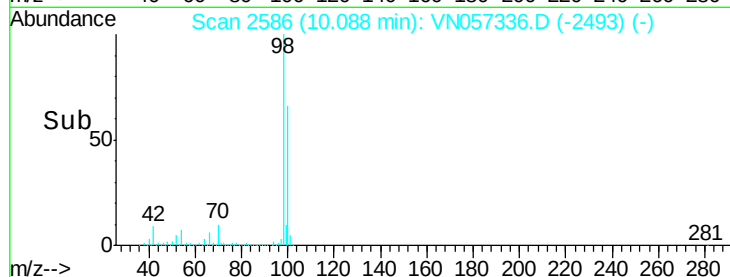
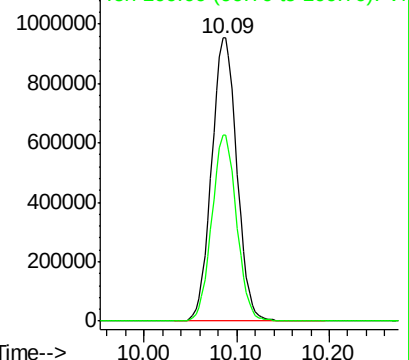
98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 35.578 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

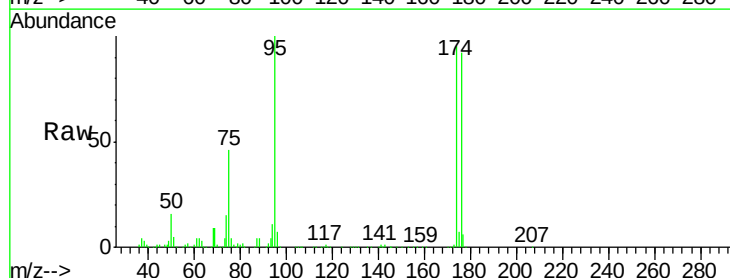
Tgt Ion: 95 Resp: 467896

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.0

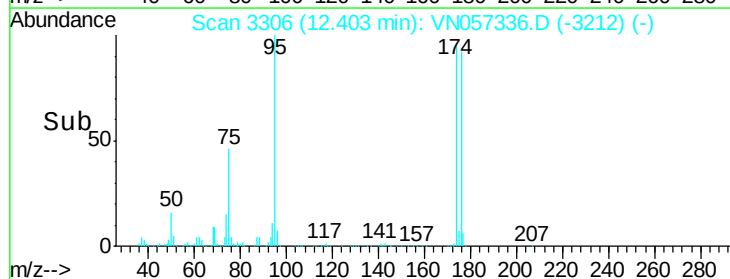
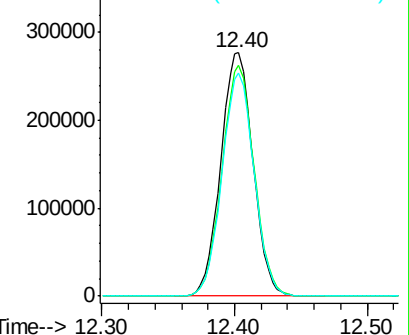
176 91.2 0.0 181.0

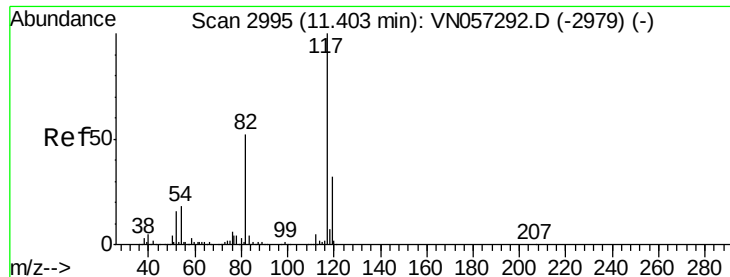


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

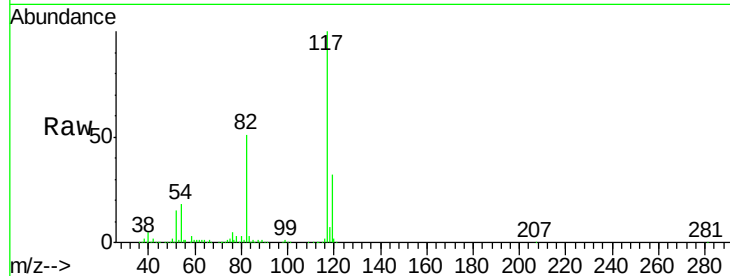




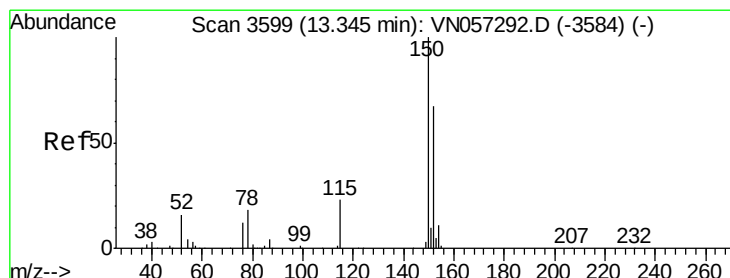
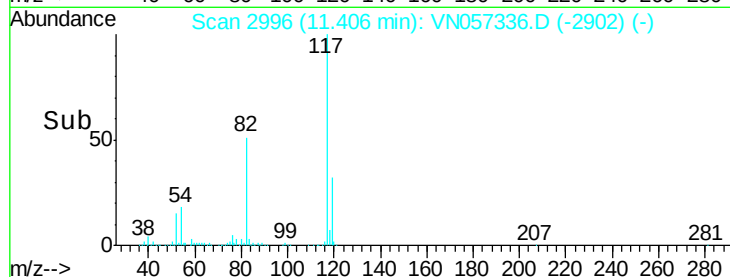
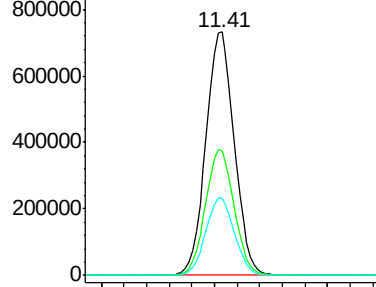
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G4-(2)

Tot Ion:117 Resp: 1281327
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.9 25.8 38.8

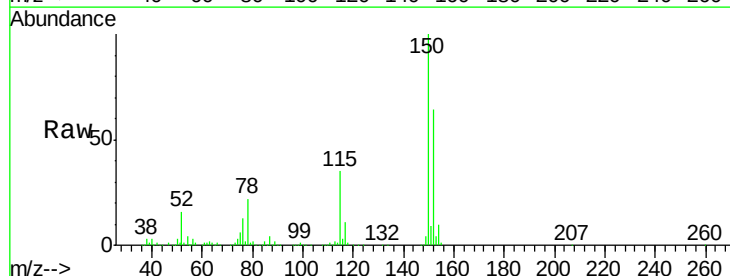


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

Tgt Ion:152 Resp: 317972
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 157.8 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

