

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057365.D
 Acq On : 16 Aug 2019 19:59
 Operator : JC/SP
 Sample : K4265-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-4-B-(0)

Quant Time: Aug 17 04:06:58 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

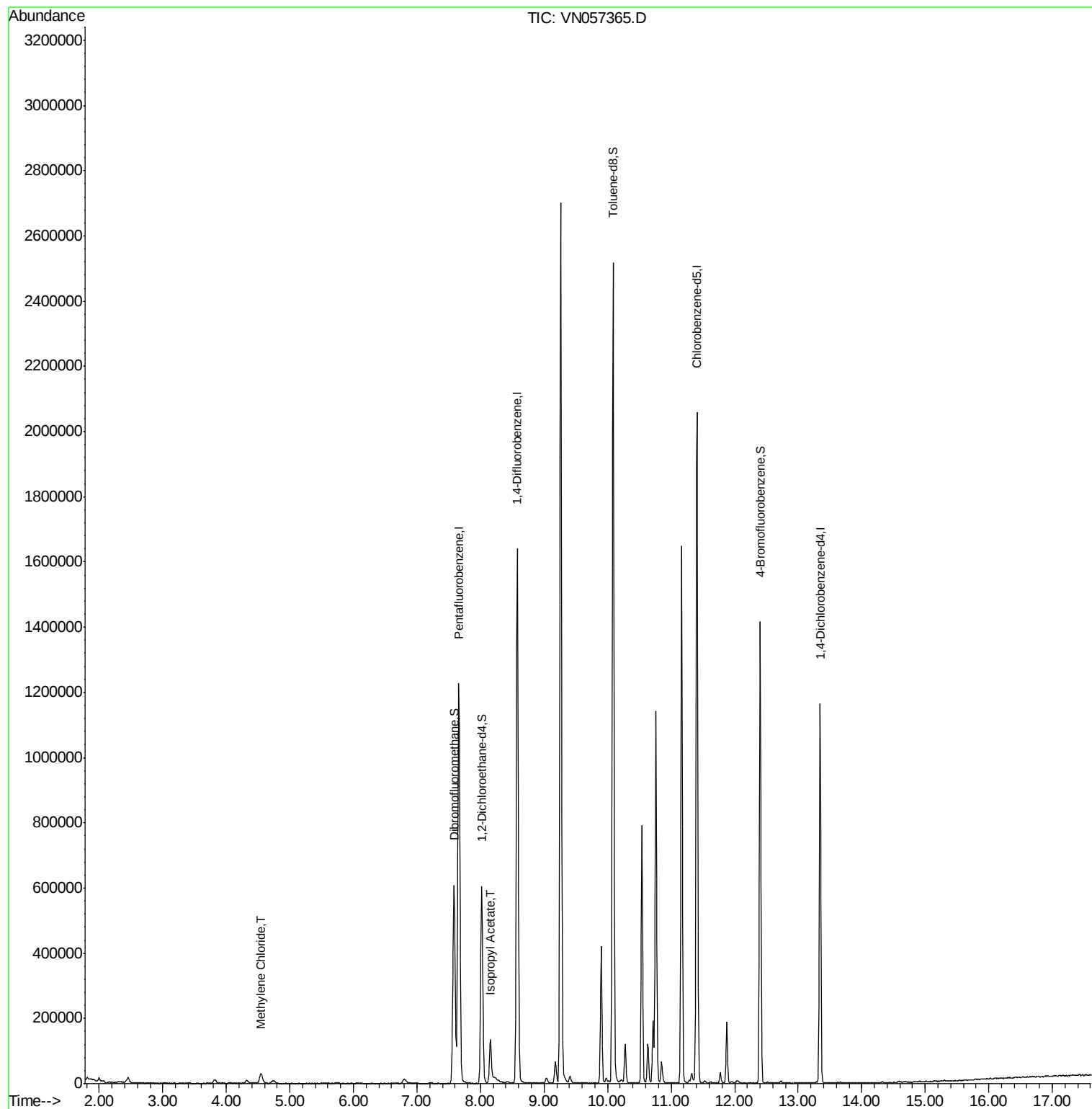
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1138499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1586762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	521279	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
35) Dibromofluoromethane	7.58	113	474701	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
50) Toluene-d8	10.09	98	1836282	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.40	95	485407	36.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.20%	
Target Compounds						
20) Methylene Chloride	4.55	84	23607	1.965	ug/l	95
43) Isopropyl Acetate	8.16	43	160442	6.668	ug/l	93

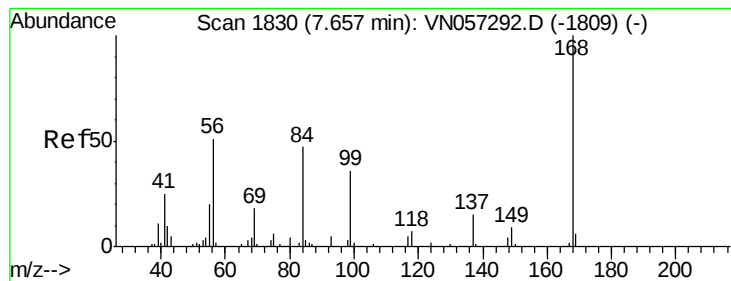
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081819\
Data File : VN057365.D
Acq On : 16 Aug 2019 19:59
Operator : JC/SP
Sample : K4265-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-4-B-(0)

Quant Time: Aug 17 04:06:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
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: VN057365.D

Acq: 16 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

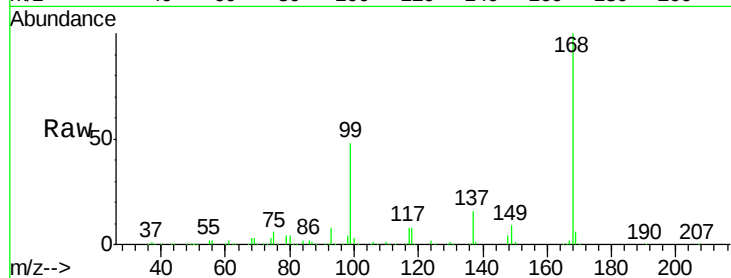
REACTOR-4-B-(0)

Tot Ion:168 Resp: 1138499

Ion Ratio Lower Upper

168 100

99 47.5 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

500000

400000

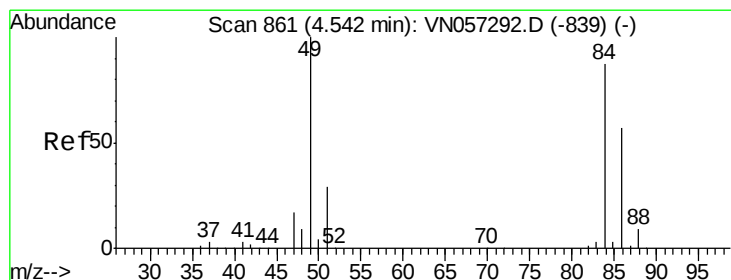
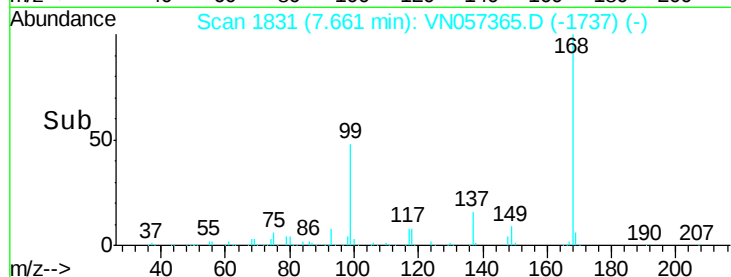
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.965 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057365.D

Acq: 16 Aug 2019 19:59

Tgt Ion: 84 Resp: 23607

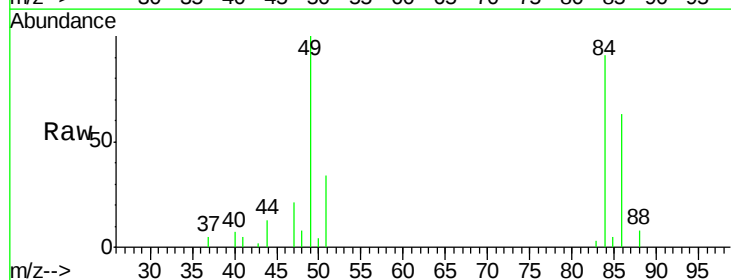
Ion Ratio Lower Upper

84 100

49 110.0 92.0 138.0

51 37.0 27.1 40.7

86 69.3 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

12000

10000

8000

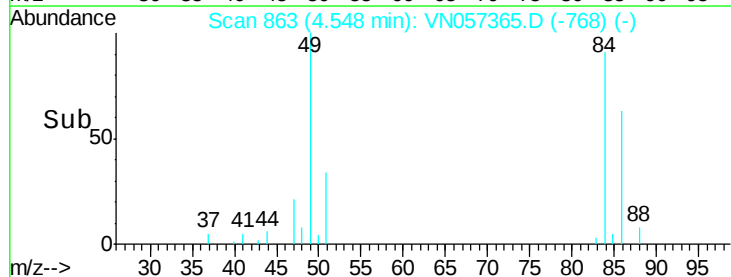
6000

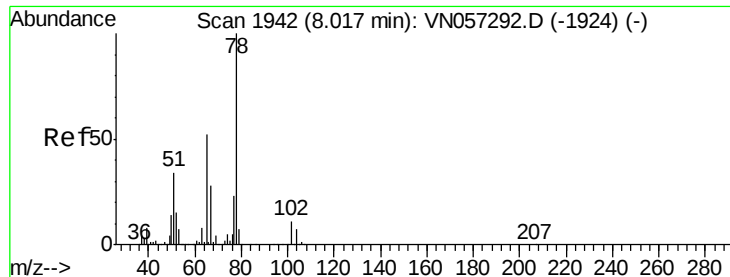
4000

2000

0

Time--> 4.45 4.50 4.55 4.60





#33

1,2-Dichloroethane-d4

Concen: 42.118 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057365.D

Acq: 16 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

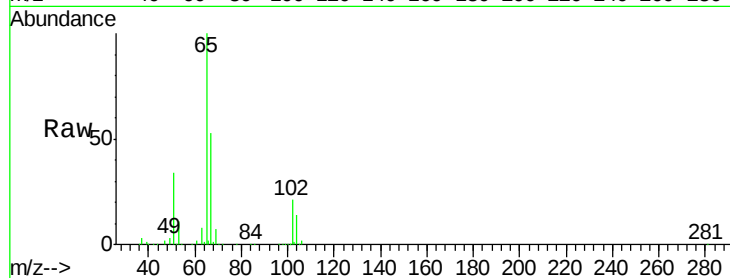
REACTOR-4-B-(0)

Tot Ion: 65 Resp: 521279

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057292.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN057292.D (-1924) (-)

8.02

250000

200000

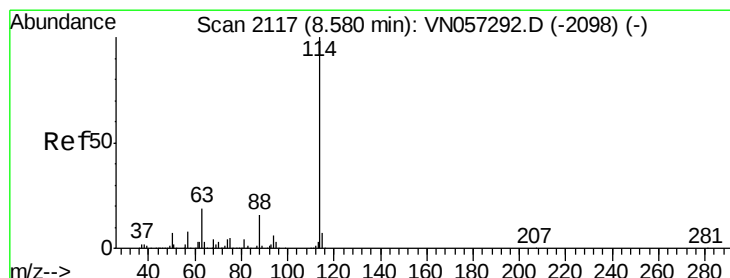
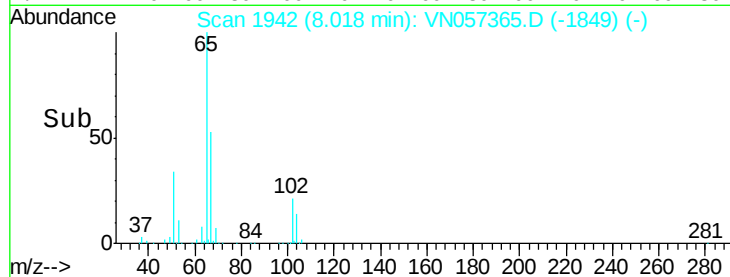
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057365.D

Acq: 16 Aug 2019 19:59

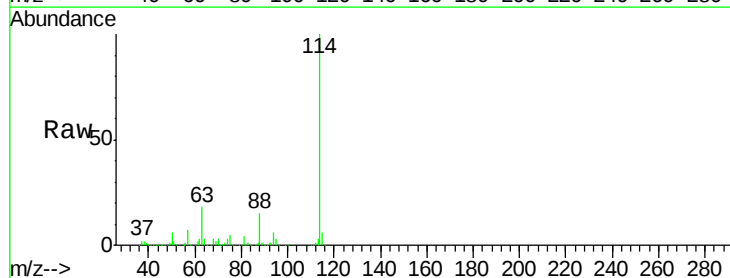
Tgt Ion: 114 Resp: 1586762

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.8

88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057292.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057292.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057292.D (-2098) (-)

8.58

1000000

800000

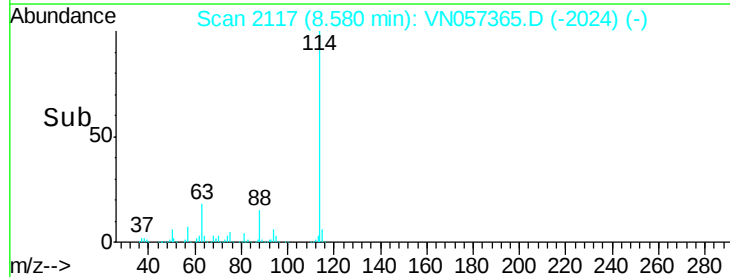
600000

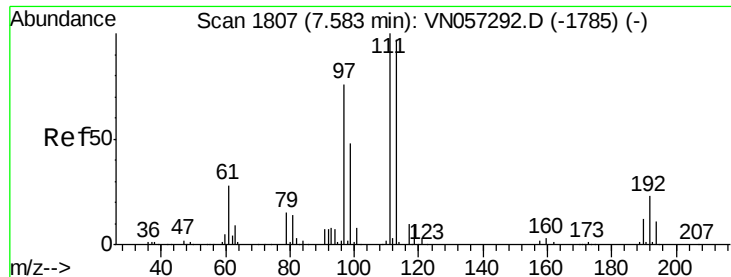
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.638 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057365.D

Acq: 16 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-4-B-(0)

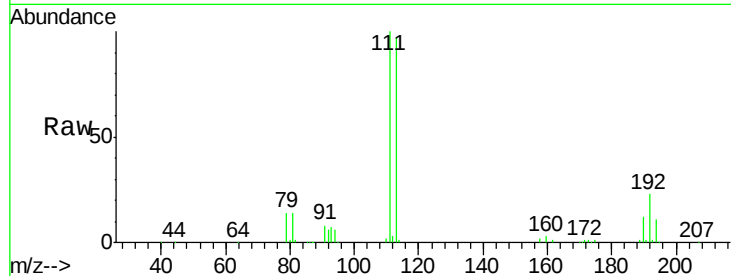
Tot Ion:113 Resp: 474701

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

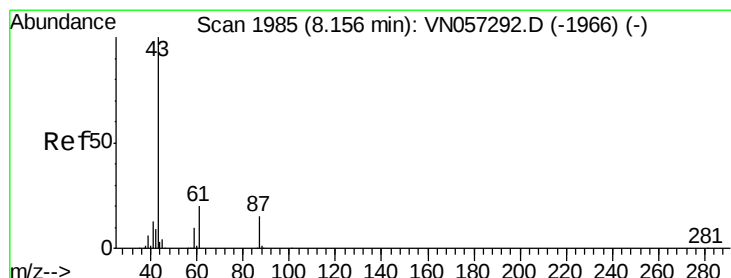
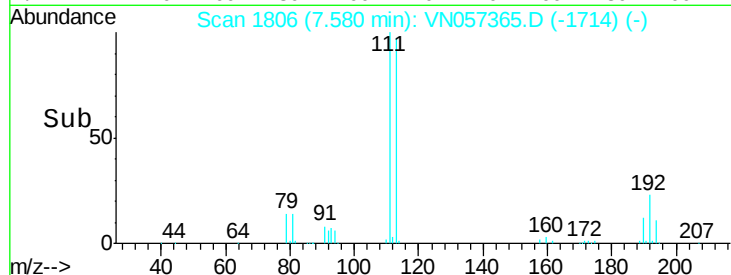
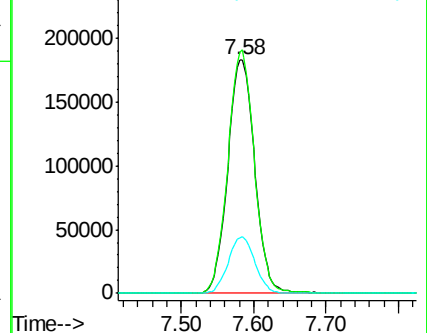
192 23.9 19.3 28.9



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: 6.668 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057365.D

Acq: 16 Aug 2019 19:59

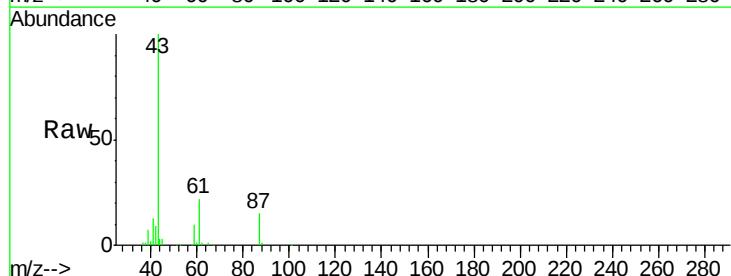
Tgt Ion: 43 Resp: 160442

Ion Ratio Lower Upper

43 100

61 22.1 21.6 32.4

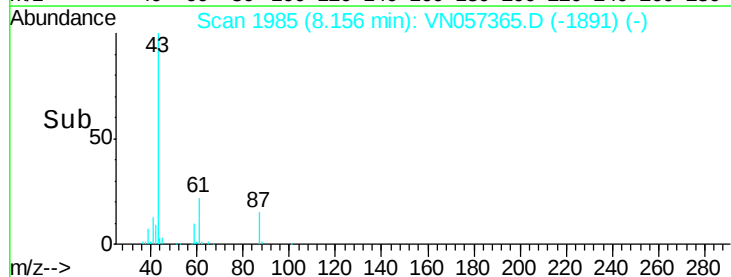
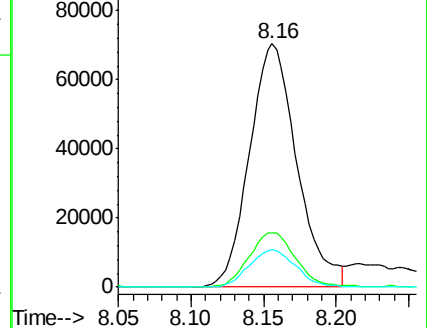
87 15.1 11.4 17.0

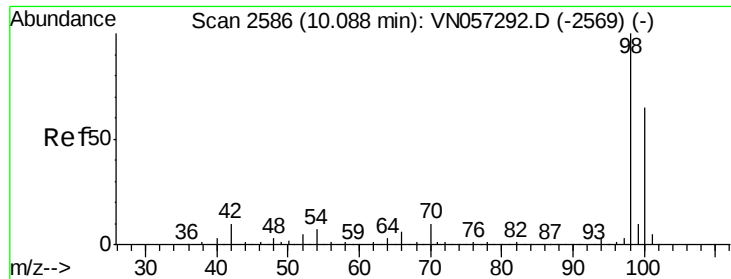


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.267 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057365.D

Acq: 16 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

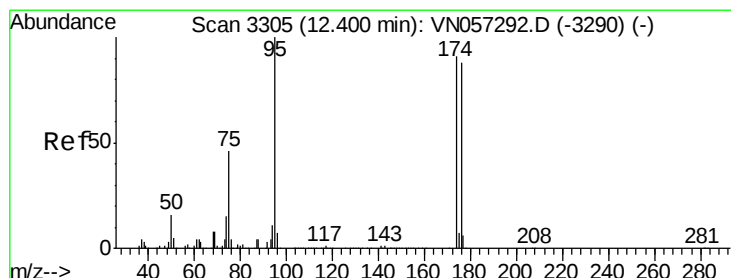
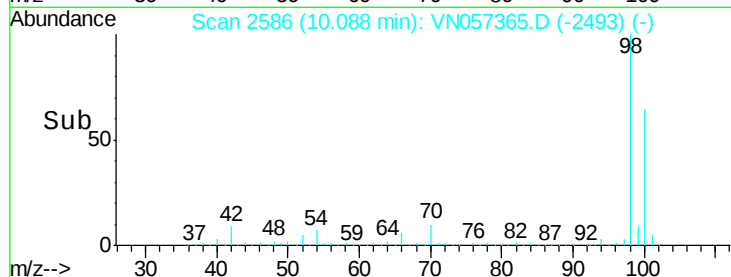
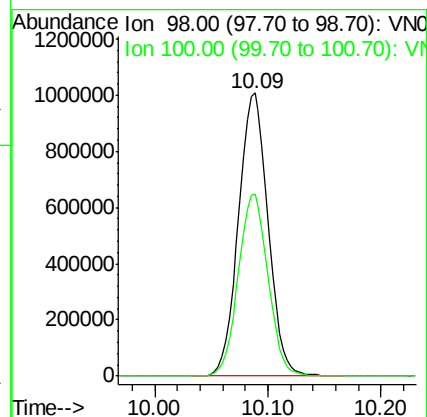
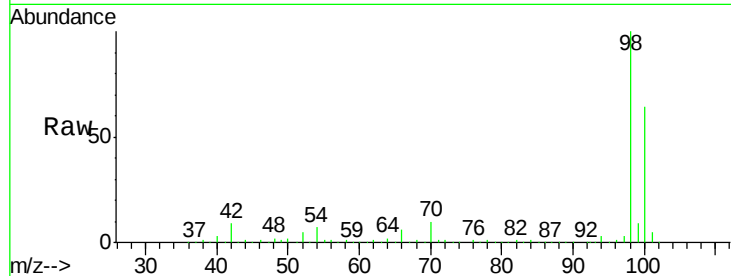
REACTOR-4-B-(0)

Tot Ion: 98 Resp: 1836282

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.105 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057365.D

Acq: 16 Aug 2019 19:59

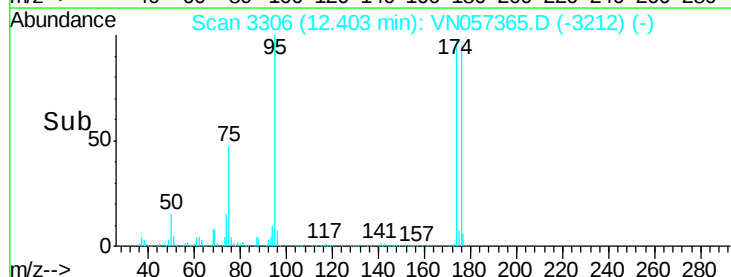
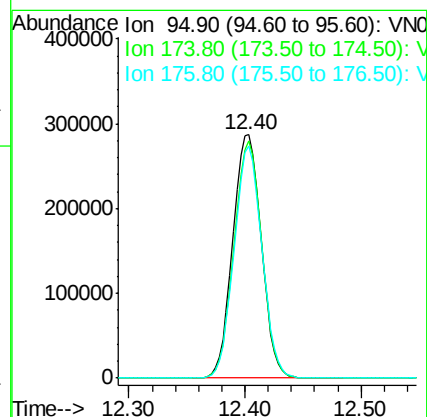
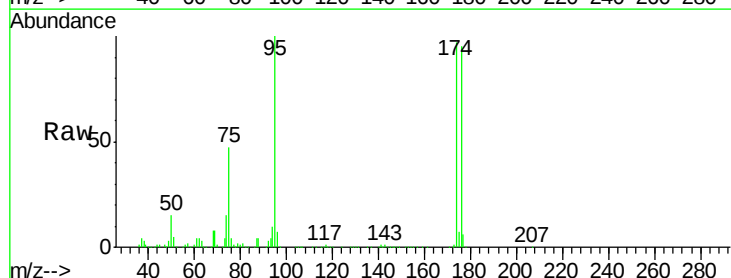
Tgt Ion: 95 Resp: 485407

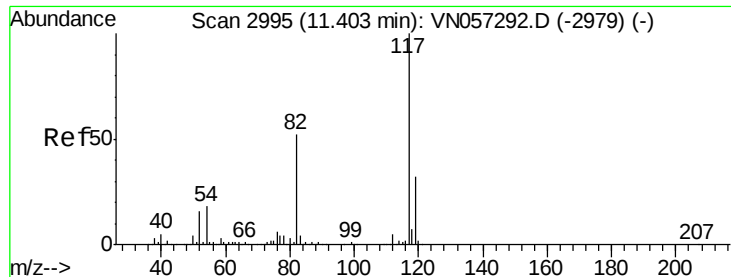
Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.0

176 93.2 0.0 181.0

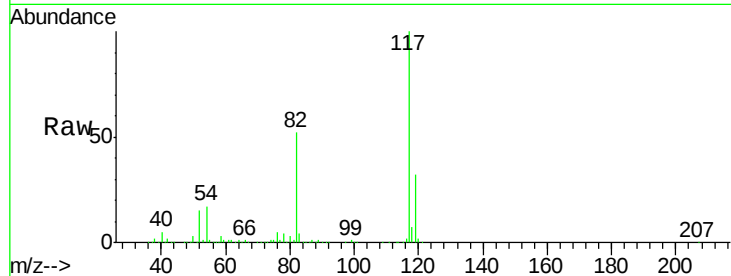




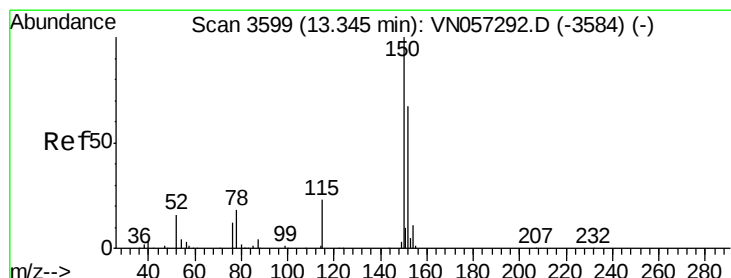
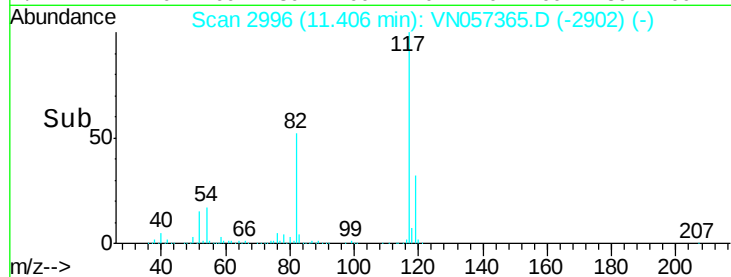
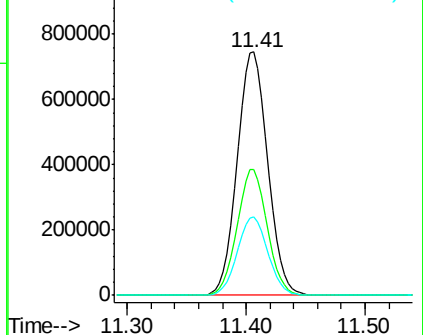
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057365.D
Acq: 16 Aug 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-4-B-(0)

Tot Ion:117 Resp: 1324979
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.0 25.8 38.8

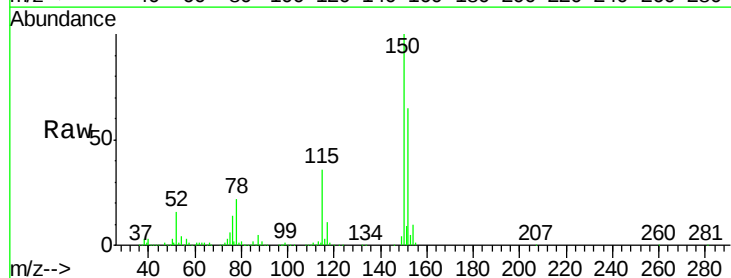


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057365.D
Acq: 16 Aug 2019 19:59

Tgt Ion:152 Resp: 344213
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 154.5 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

