

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057333.D
 Acq On : 15 Aug 2019 15:52
 Operator : JC/SP
 Sample : K4264-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(2)

Quant Time: Aug 16 02:23:44 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

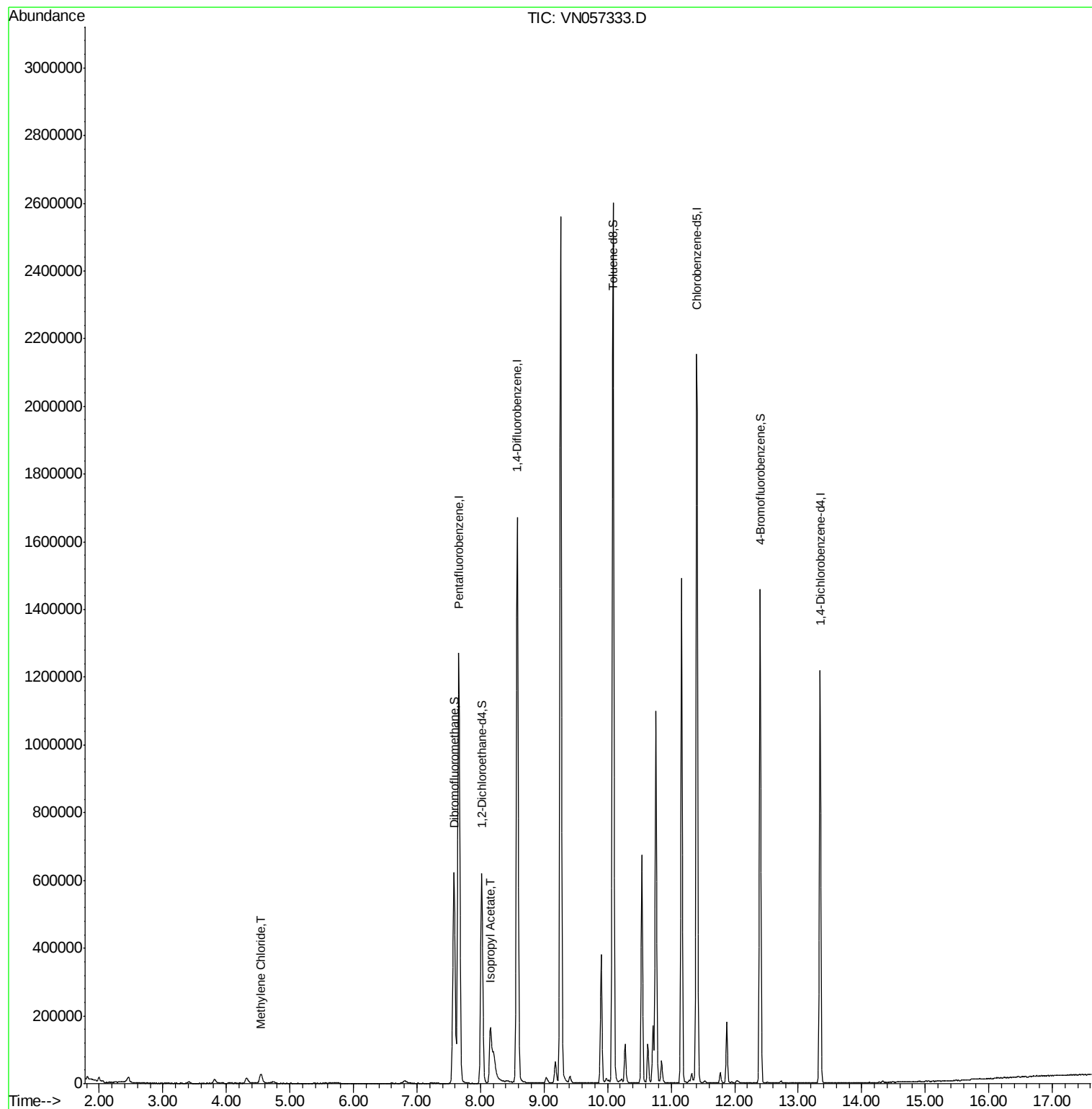
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1152406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1605005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1361857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	538754	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
35) Dibromofluoromethane	7.58	113	481468	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	10.08	98	1898402	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	503064	36.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.98%	
Target Compounds						
20) Methylene Chloride	4.55	84	21589	1.775	ug/l	90
43) Isopropyl Acetate	8.15	43	207348	8.840	ug/l #	82

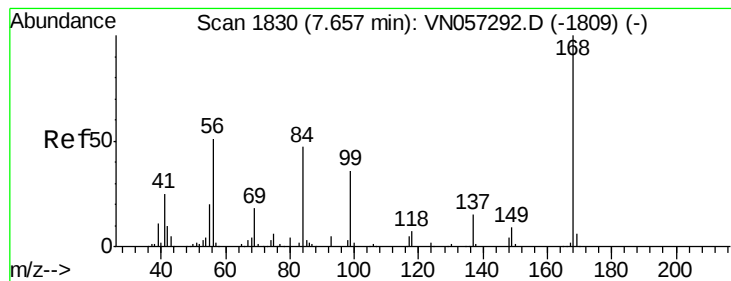
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
Data File : VN057333.D
Acq On : 15 Aug 2019 15:52
Operator : JC/SP
Sample : K4264-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(2)

Quant Time: Aug 16 02:23:44 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057333.D

Acq: 15 Aug 2019 15:52

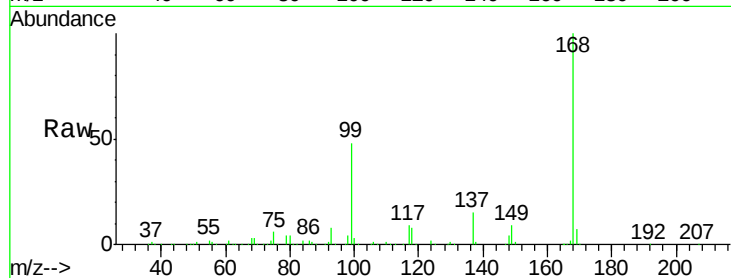
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(2)

Tot Ion:168 Resp: 1152406

Ion Ratio Lower Upper

168 100

99 47.9 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

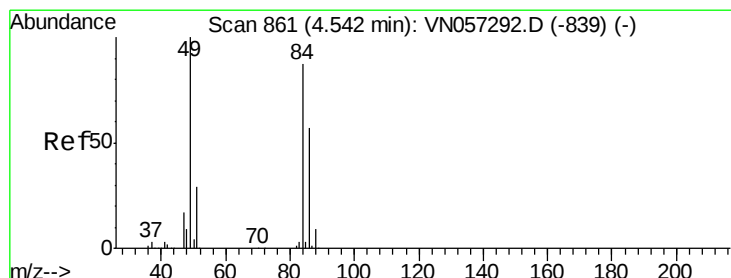
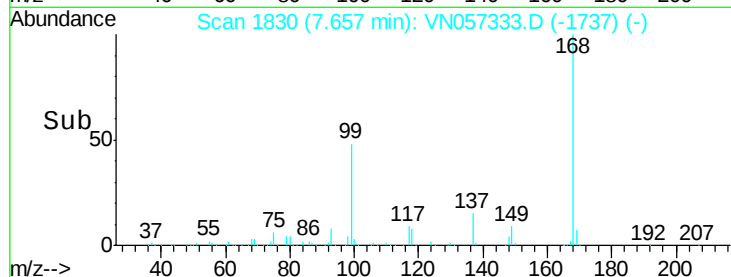
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.775 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057333.D

Acq: 15 Aug 2019 15:52

Tgt Ion: 84 Resp: 21589

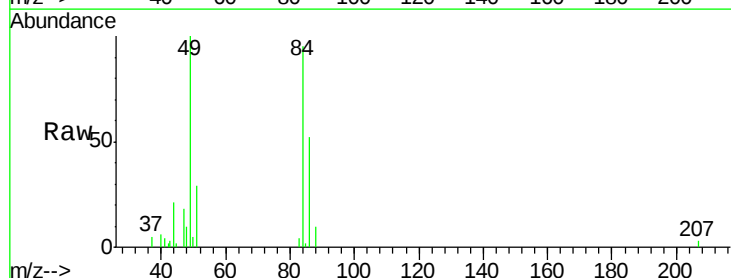
Ion Ratio Lower Upper

84 100

49 104.8 92.0 138.0

51 30.2 27.1 40.7

86 54.7 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

4.55

12000

10000

8000

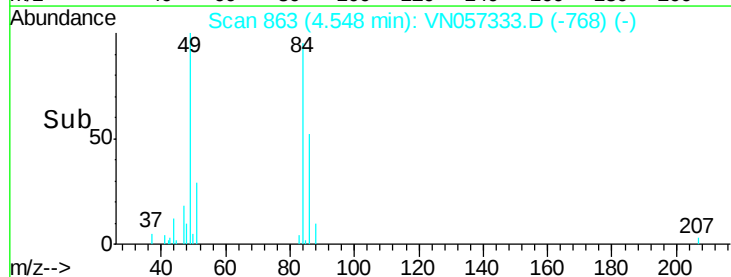
6000

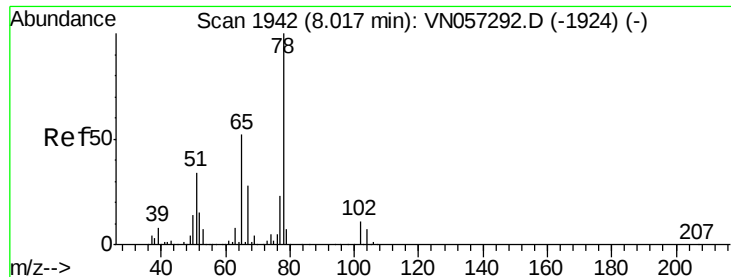
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.004 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057333.D

Acq: 15 Aug 2019 15:52

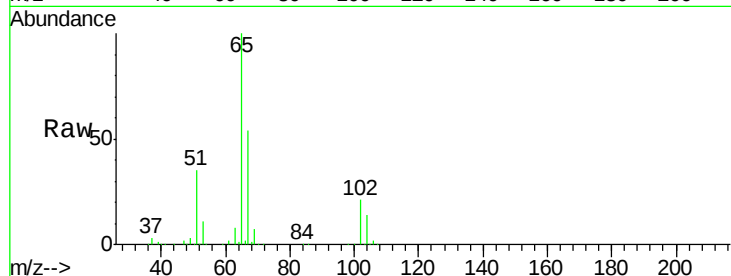
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(2)

Tot Ion: 65 Resp: 538754

Ion Ratio Lower Upper

65 100

67 53.7 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

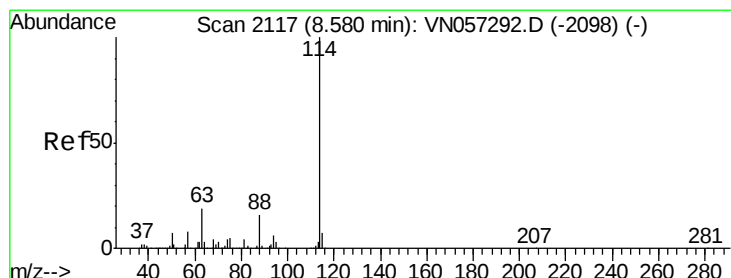
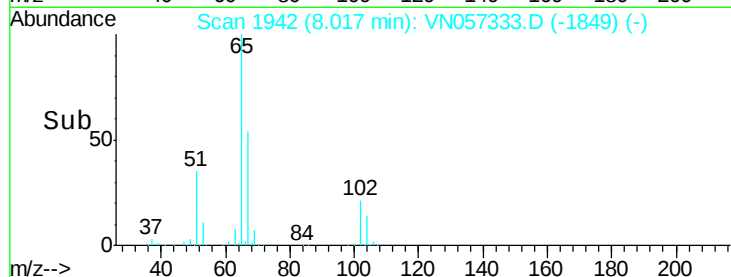
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057333.D

Acq: 15 Aug 2019 15:52

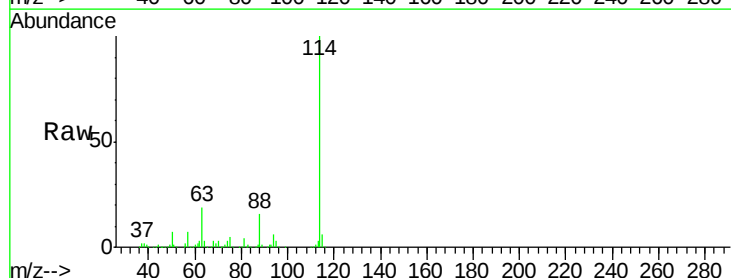
Tgt Ion: 114 Resp: 1605005

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

88 15.7 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

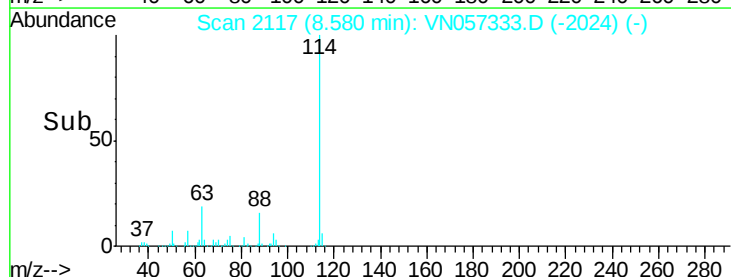
600000

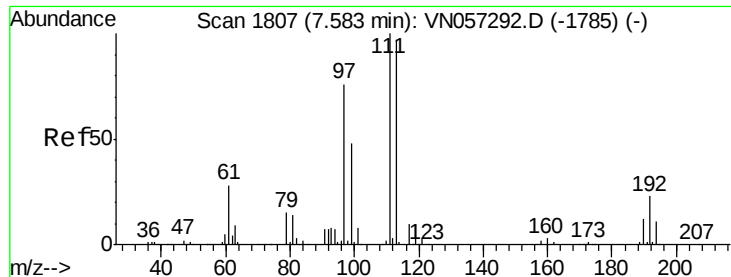
400000

200000

0

Time--> 8.50 8.60 8.70

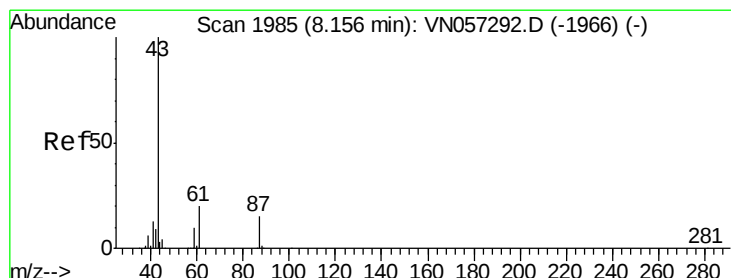
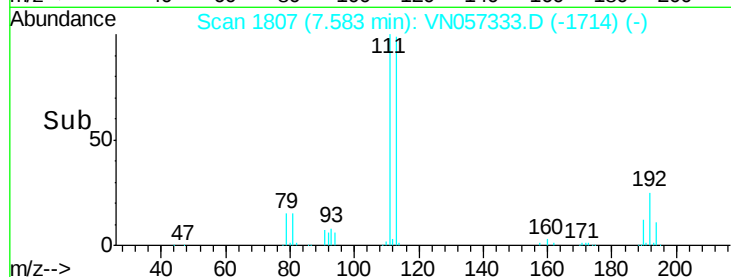
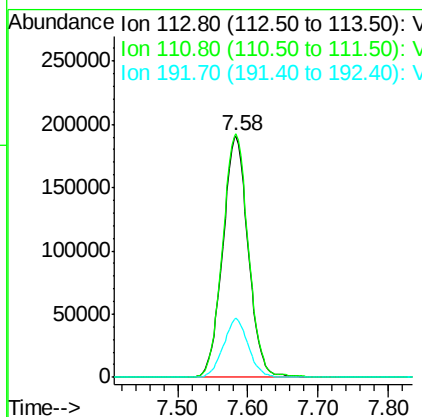
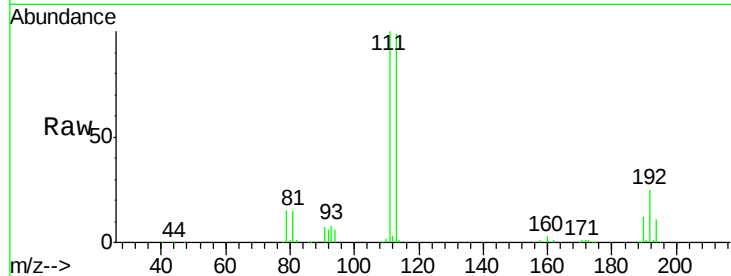




#35
 Dibromofluoromethane
 Concen: 45.762 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057333.D
 Acq: 15 Aug 2019 15:52

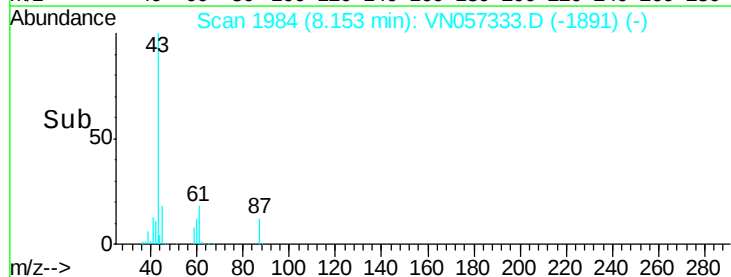
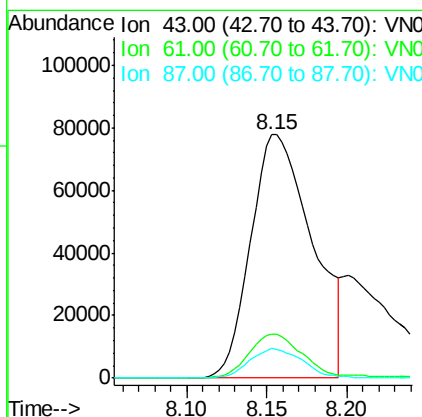
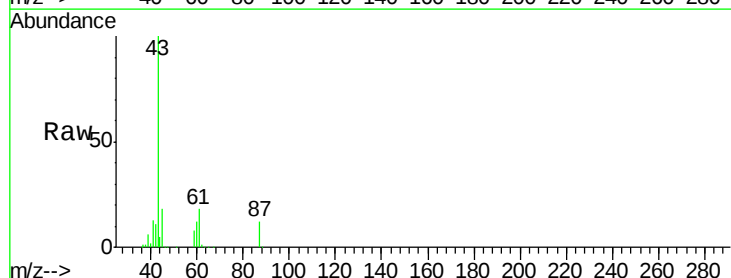
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(2)

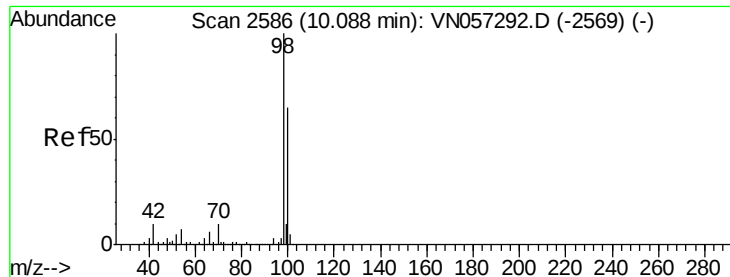
Tot Ion:113 Resp: 481468
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 23.8 19.3 28.9



#43
 Isopropyl Acetate
 Concen: 8.840 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VN057333.D
 Acq: 15 Aug 2019 15:52

Tgt Ion: 43 Resp: 207348
 Ion Ratio Lower Upper
 43 100
 61 15.5 21.6 32.4#
 87 10.5 11.4 17.0#





#50

Toluene-d8

Concen: 49.333 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057333.D

Acq: 15 Aug 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

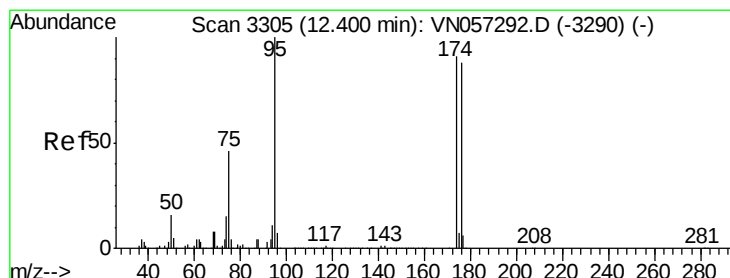
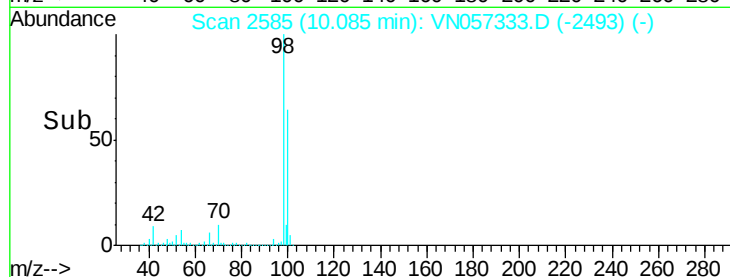
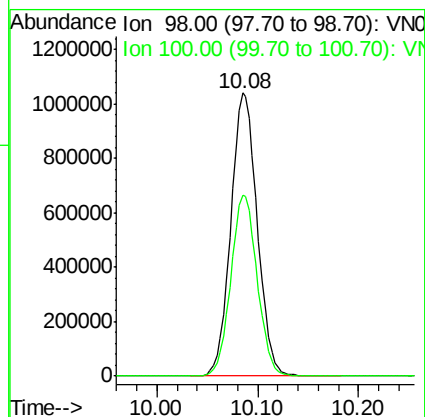
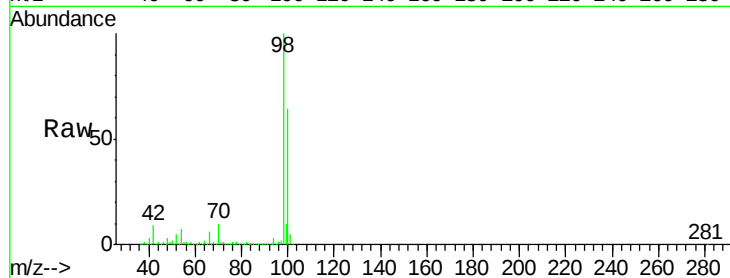
REACTOR-3-G1-(2)

Tot Ion: 98 Resp: 1898402

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.993 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057333.D

Acq: 15 Aug 2019 15:52

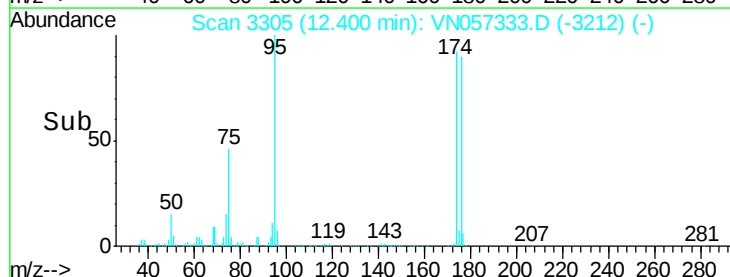
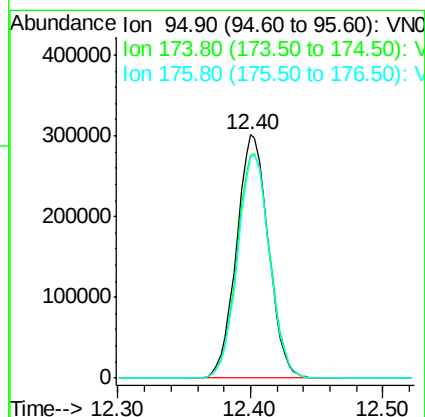
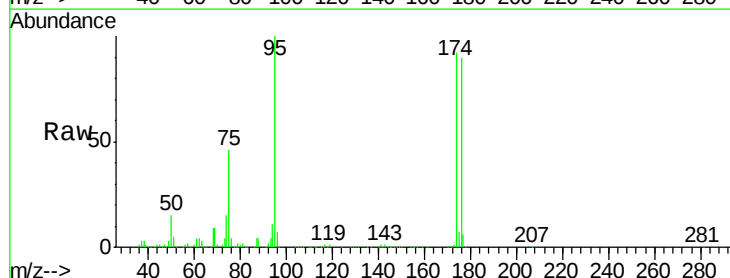
Tgt Ion: 95 Resp: 503064

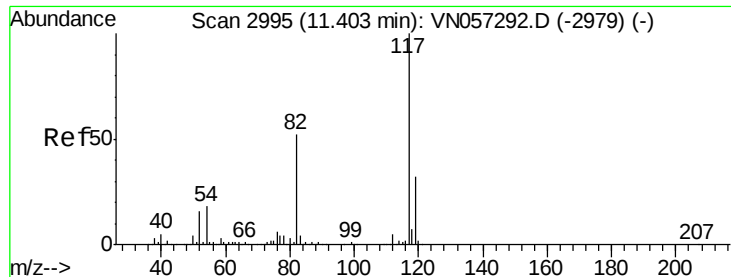
Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

176 91.7 0.0 181.0

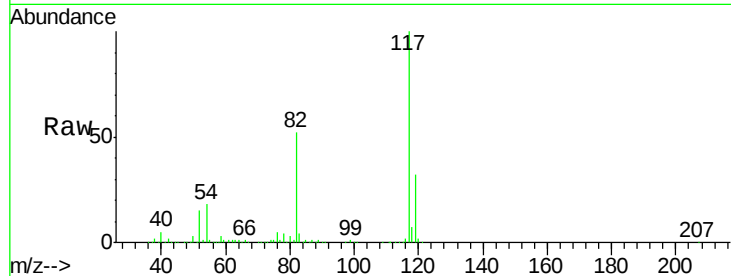




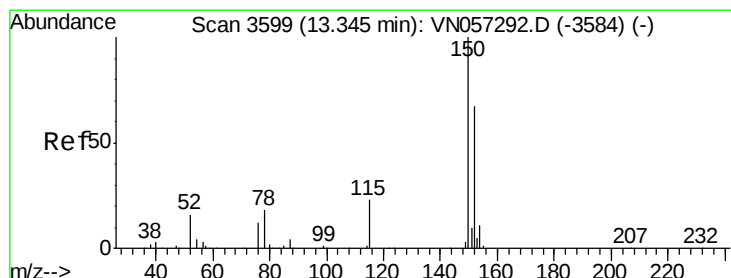
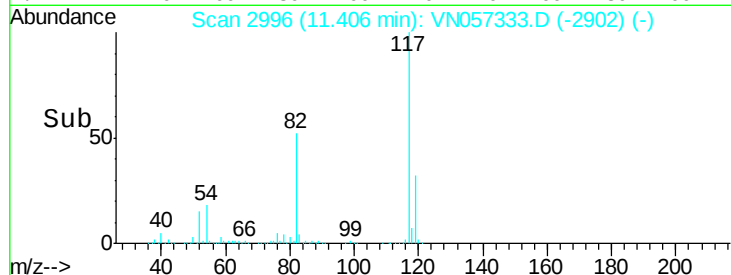
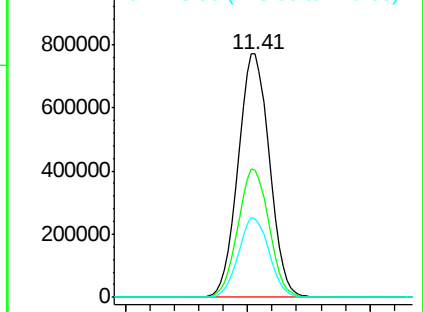
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057333.D
Acq: 15 Aug 2019 15:52

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(2)

Tot Ion:117 Resp: 1361857
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 32.5 25.8 38.8

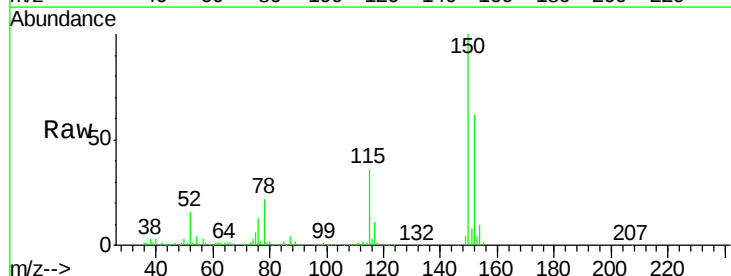


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057333.D
Acq: 15 Aug 2019 15:52

Tgt Ion:152 Resp: 354934
Ion Ratio Lower Upper
152 100
115 55.2 27.3 81.9
150 158.2 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

