

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081419\
 Data File : VN057285.D
 Acq On : 14 Aug 2019 14:08
 Operator : JC/SP
 Sample : K4231-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 14 14:34:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 11:11:44 2019
 Response via : Initial Calibration

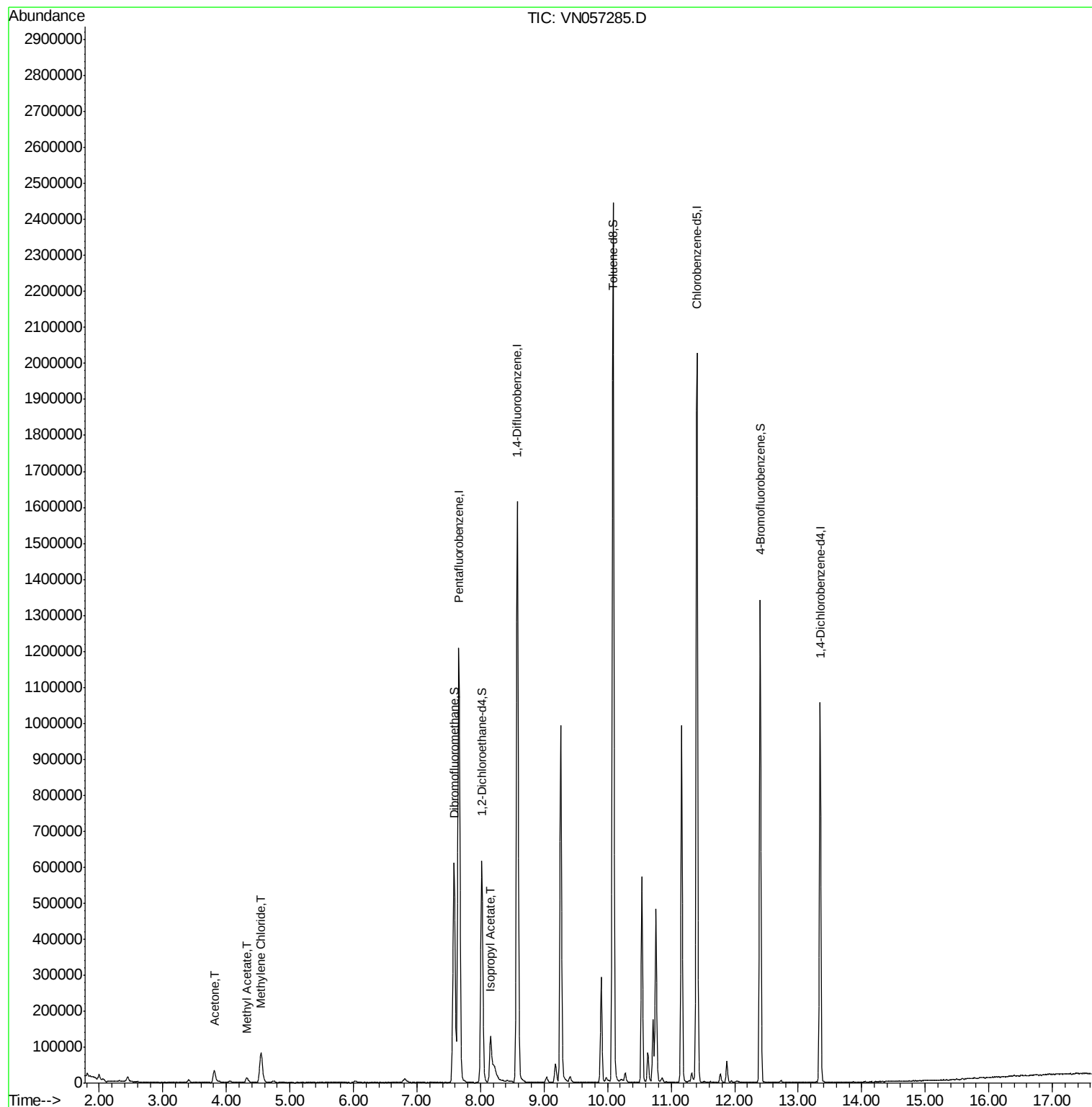
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1097919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1564063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1275111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	532170	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	7.58	113	469681	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1818694	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	467270	37.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.82%	
Target Compounds						
16) Acetone	3.81	43	55998	14.747	ug/l	95
18) Methyl Acetate	4.32	43	28092	1.747	ug/l	100
20) Methylene Chloride	4.55	84	68529	6.178	ug/l	97
43) Isopropyl Acetate	8.16	43	211905	11.707	ug/l #	72

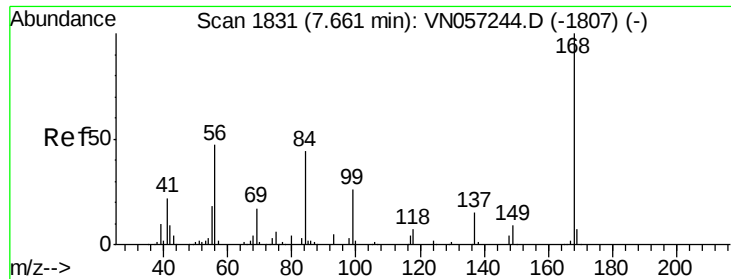
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081419\
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Quant Title : SW846 8260
QLast Update : Wed Aug 14 11:11:44 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: VN057285.D

Acq: 14 Aug 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

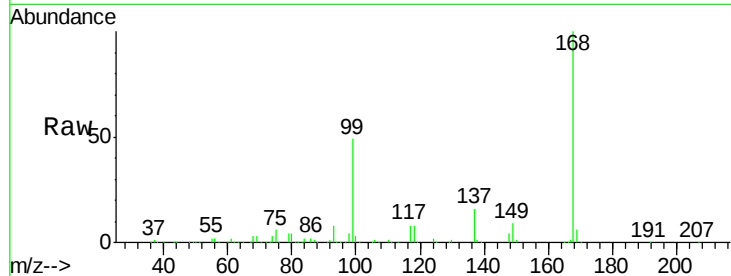
REACTOR-3-B-(2)

Tot Ion:168 Resp: 1097919

Ion Ratio Lower Upper

168 100

99 49.5 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

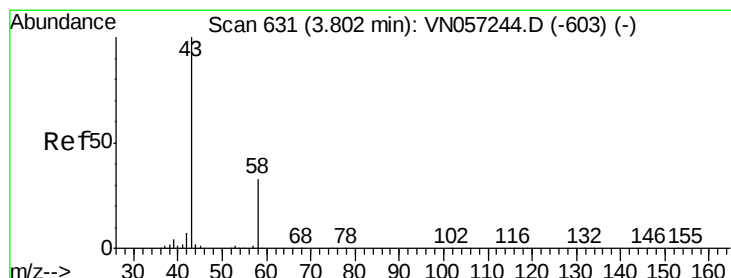
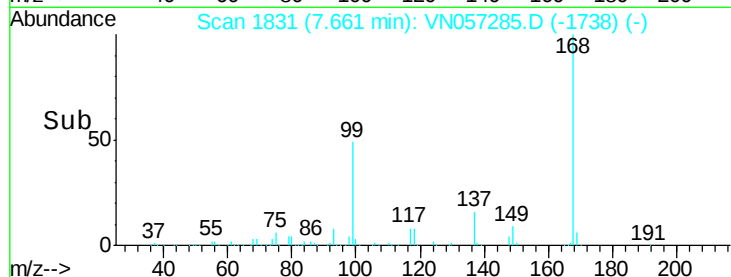
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 14.747 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057285.D

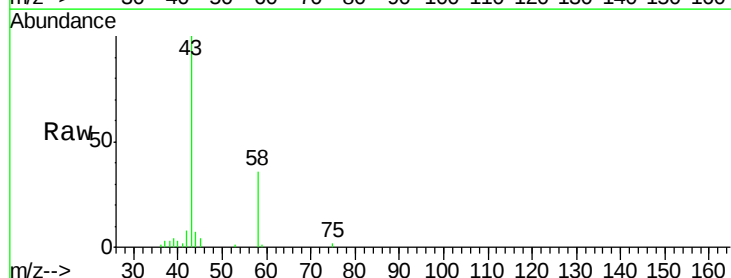
Acq: 14 Aug 2019 14:08

Tgt Ion: 43 Resp: 55998

Ion Ratio Lower Upper

43 100

58 36.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

20000

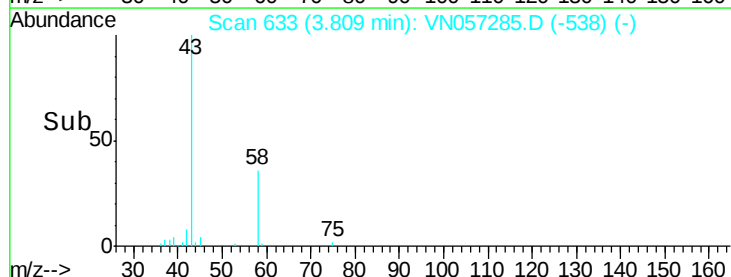
15000

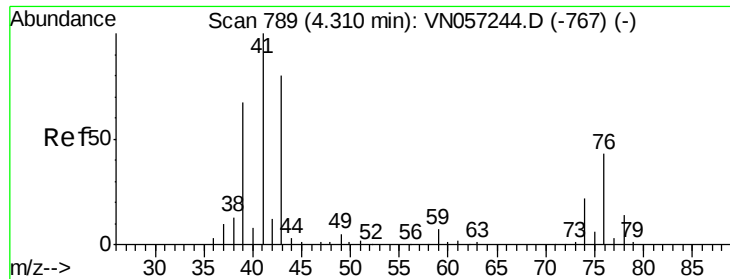
10000

5000

0

Time-->

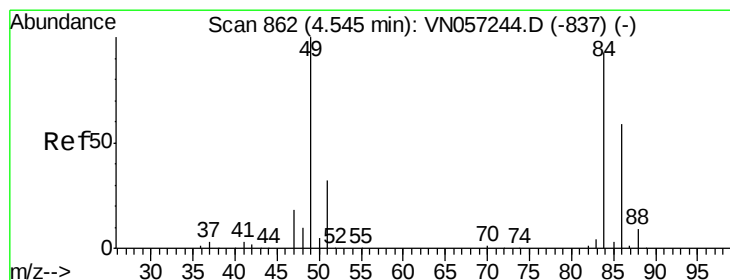
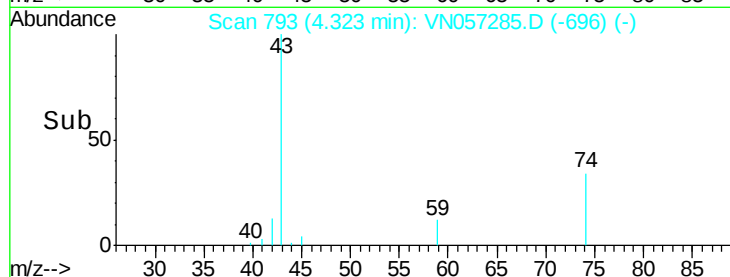
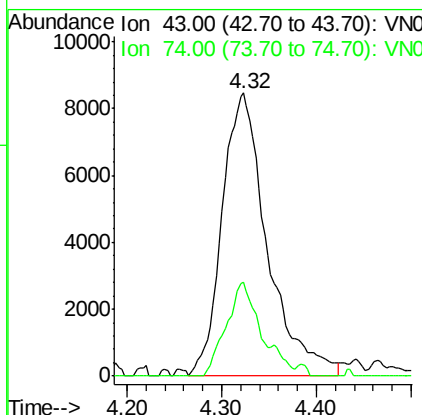
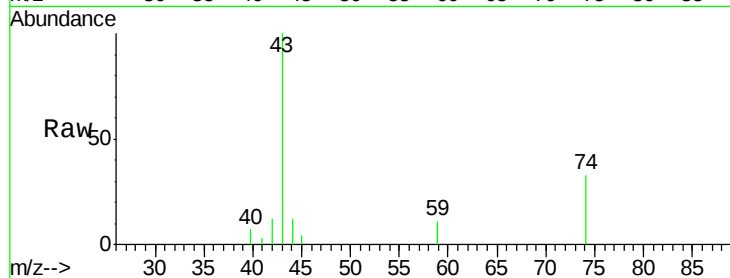




#18
Methvl Acetate
Concen: 1.747 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057285.D
Acq: 14 Aug 2019 14:08

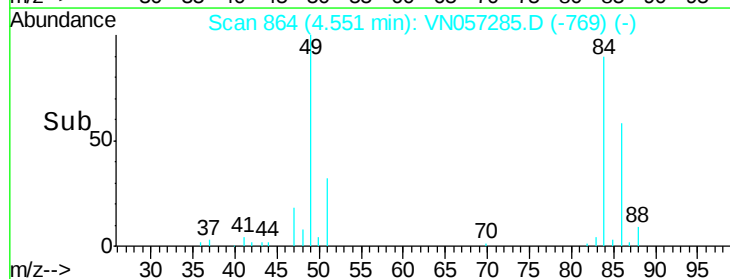
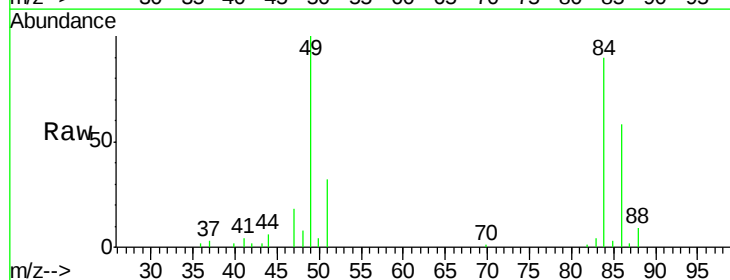
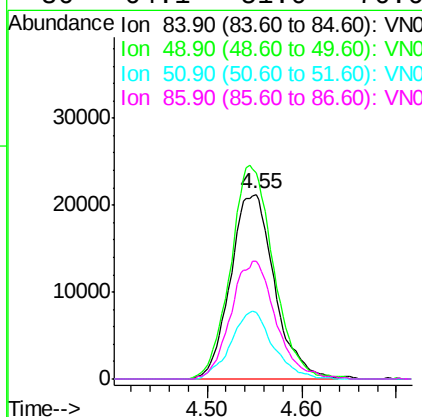
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-B-(2)

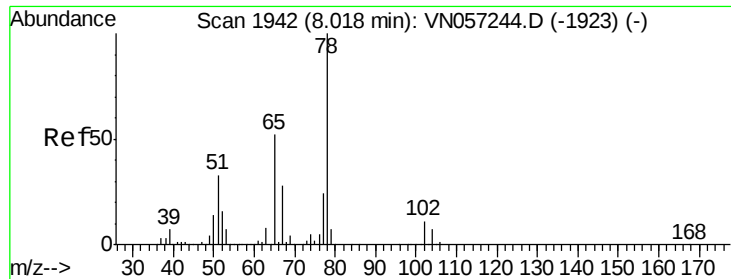
Tot Ion: 43 Resp: 28092
Ion Ratio Lower Upper
43 100
74 25.9 20.6 31.0



#20
Methylene Chloride
Concen: 6.178 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN057285.D
Acq: 14 Aug 2019 14:08

Tgt Ion: 84 Resp: 68529
Ion Ratio Lower Upper
84 100
49 111.4 85.9 128.9
51 36.1 27.1 40.7
86 64.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.049 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057285.D

Acq: 14 Aug 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

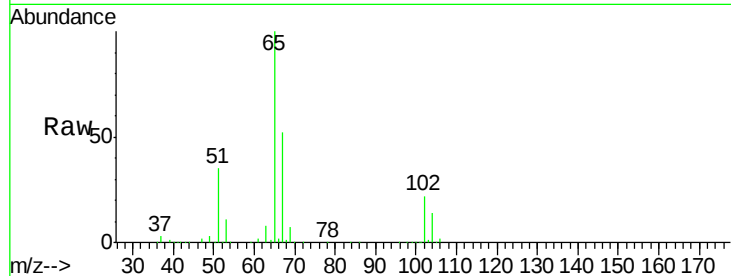
REACTOR-3-B-(2)

Tot Ion: 65 Resp: 532170

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057285.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057285.D (-1849) (-)

8.02

250000

200000

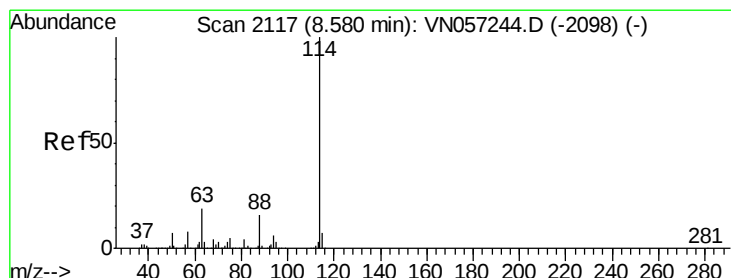
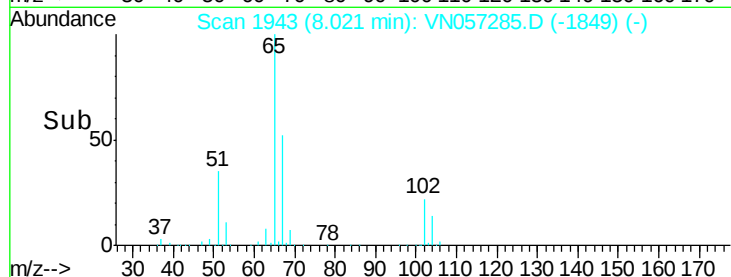
150000

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: VN057285.D

Acq: 14 Aug 2019 14:08

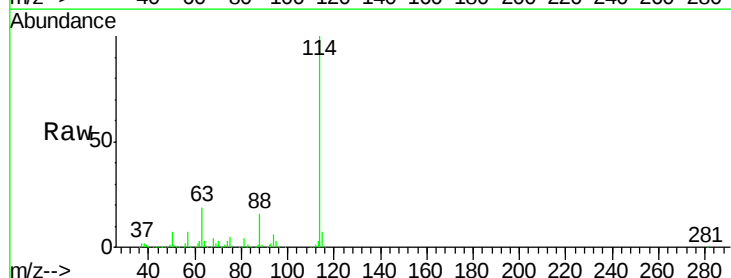
Tgt Ion: 114 Resp: 1564063

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN057285.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057285.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057285.D (-2024) (-)

8.58

1000000

800000

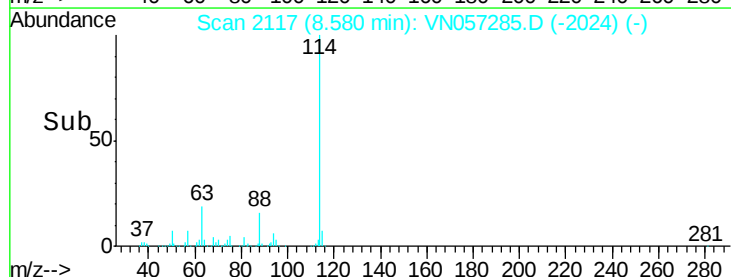
600000

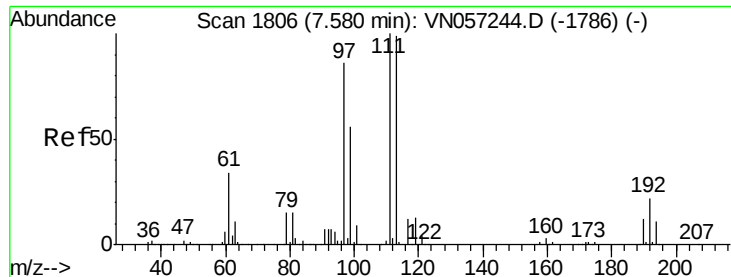
400000

200000

0

Time-->

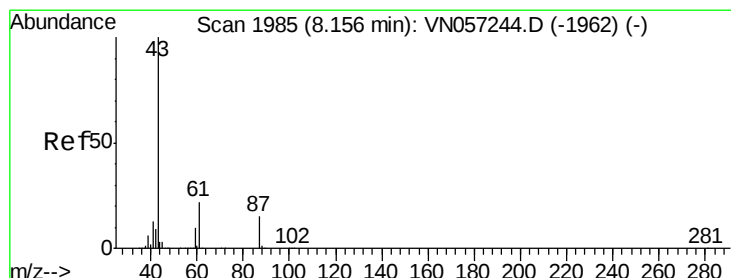
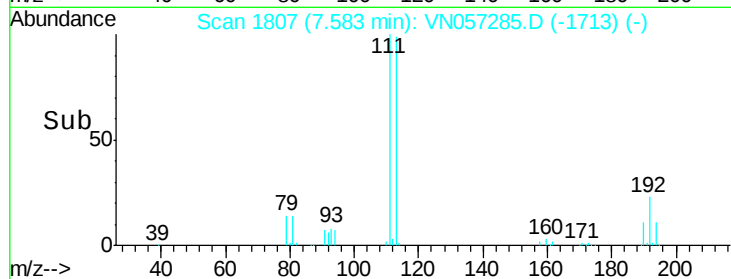
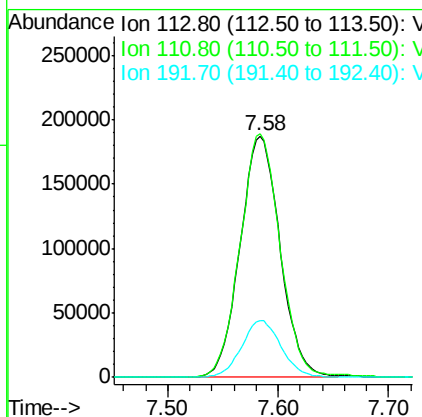
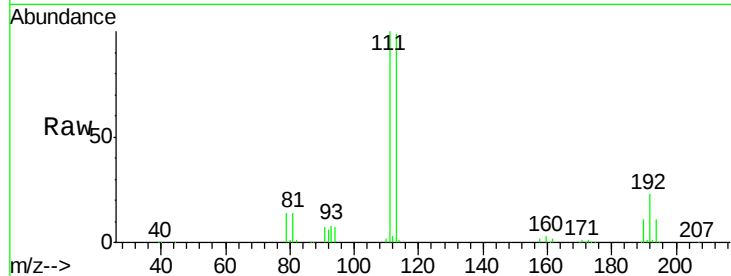




#35
 Dibromofluoromethane
 Concen: 47.030 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057285.D
 Acq: 14 Aug 2019 14:08

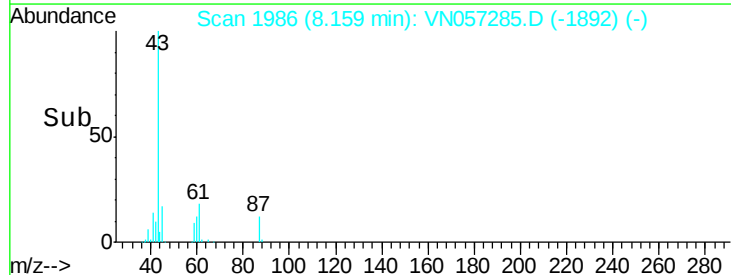
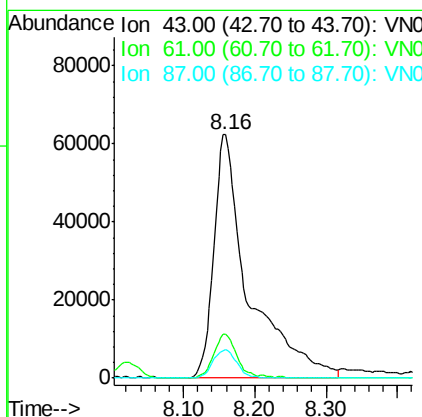
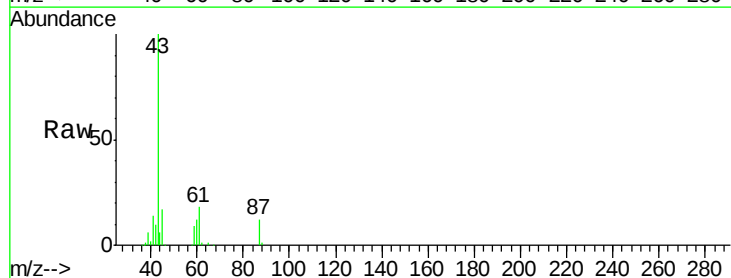
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-B-(2)

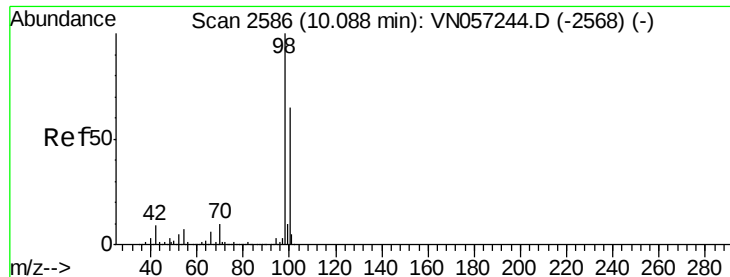
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.2
192	23.3	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 11.707 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057285.D
 Acq: 14 Aug 2019 14:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.7	23.5	35.3#
87	7.9	12.1	18.1#





#50

Toluene-d8

Concen: 49.929 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057285.D

Acq: 14 Aug 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

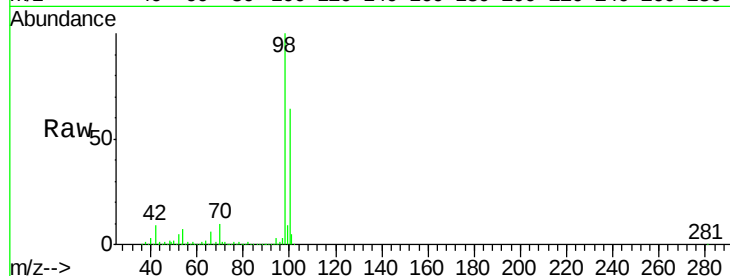
REACTOR-3-B-(2)

Tot Ion: 98 Resp: 1818694

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN057244.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN057244.D (-2568) (-)

10.09

1000000

800000

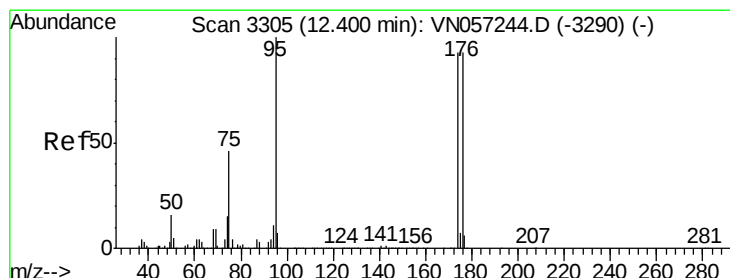
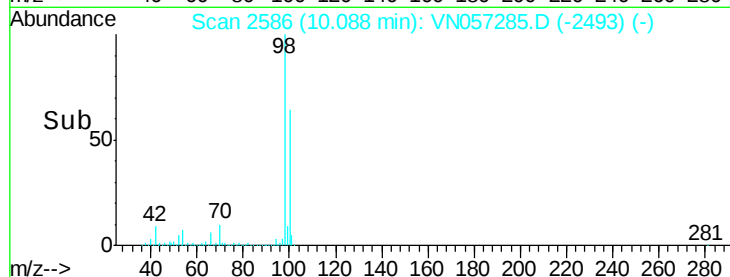
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.406 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057285.D

Acq: 14 Aug 2019 14:08

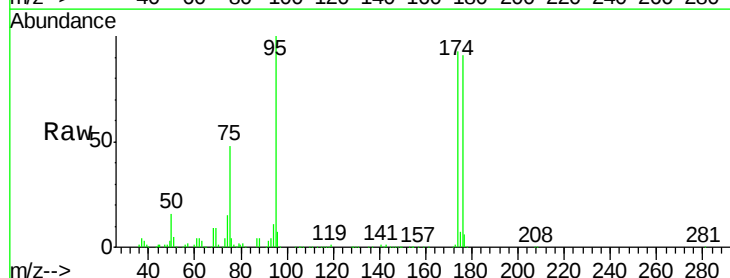
Tgt Ion: 95 Resp: 467270

Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.6

176 90.2 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)

12.40

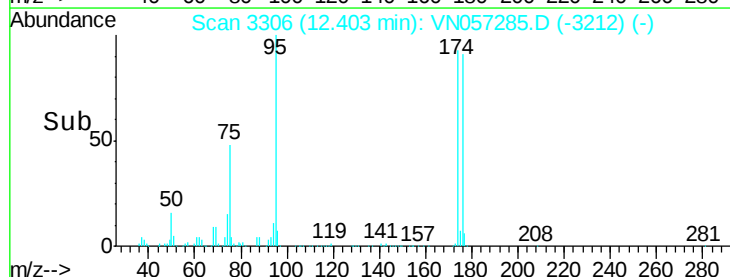
300000

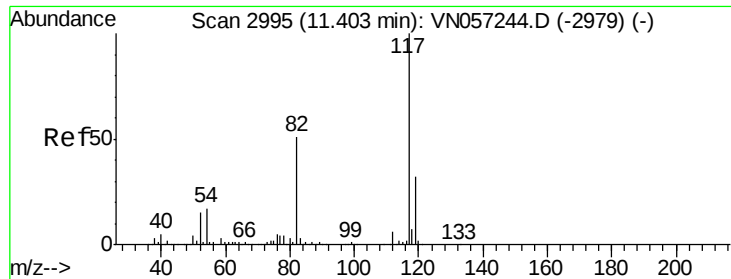
200000

100000

0

Time-->

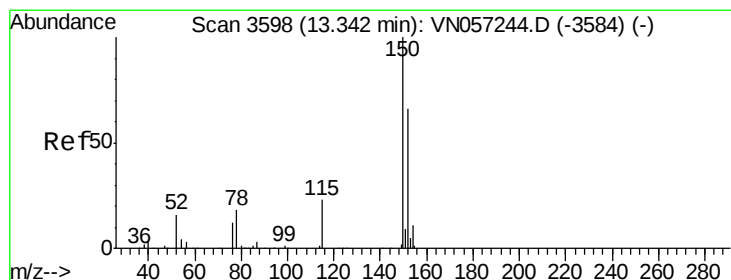
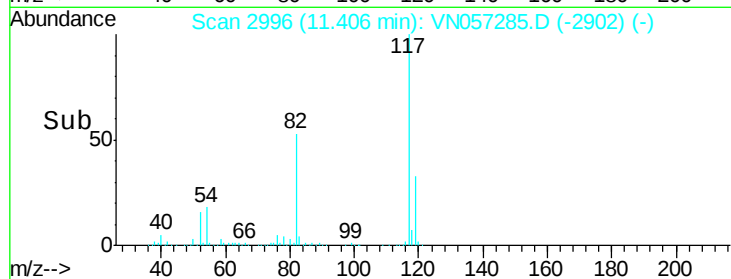
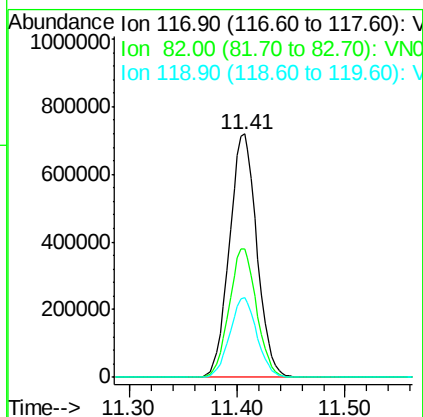
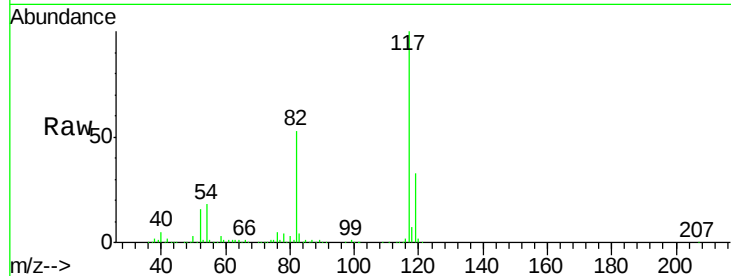




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057285.D
Acq: 14 Aug 2019 14:08

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

Tot Ion:117 Resp: 1275111
Ion Ratio Lower Upper
117 100
82 52.7 40.9 61.3
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057285.D
Acq: 14 Aug 2019 14:08

Tgt Ion:152 Resp: 311856
Ion Ratio Lower Upper
152 100
115 55.4 27.6 82.8
150 154.6 0.0 348.4

