

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057342.D
 Acq On : 15 Aug 2019 19:31
 Operator : JC/SP
 Sample : K4264-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C4-(2)

Quant Time: Aug 16 03:24:44 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

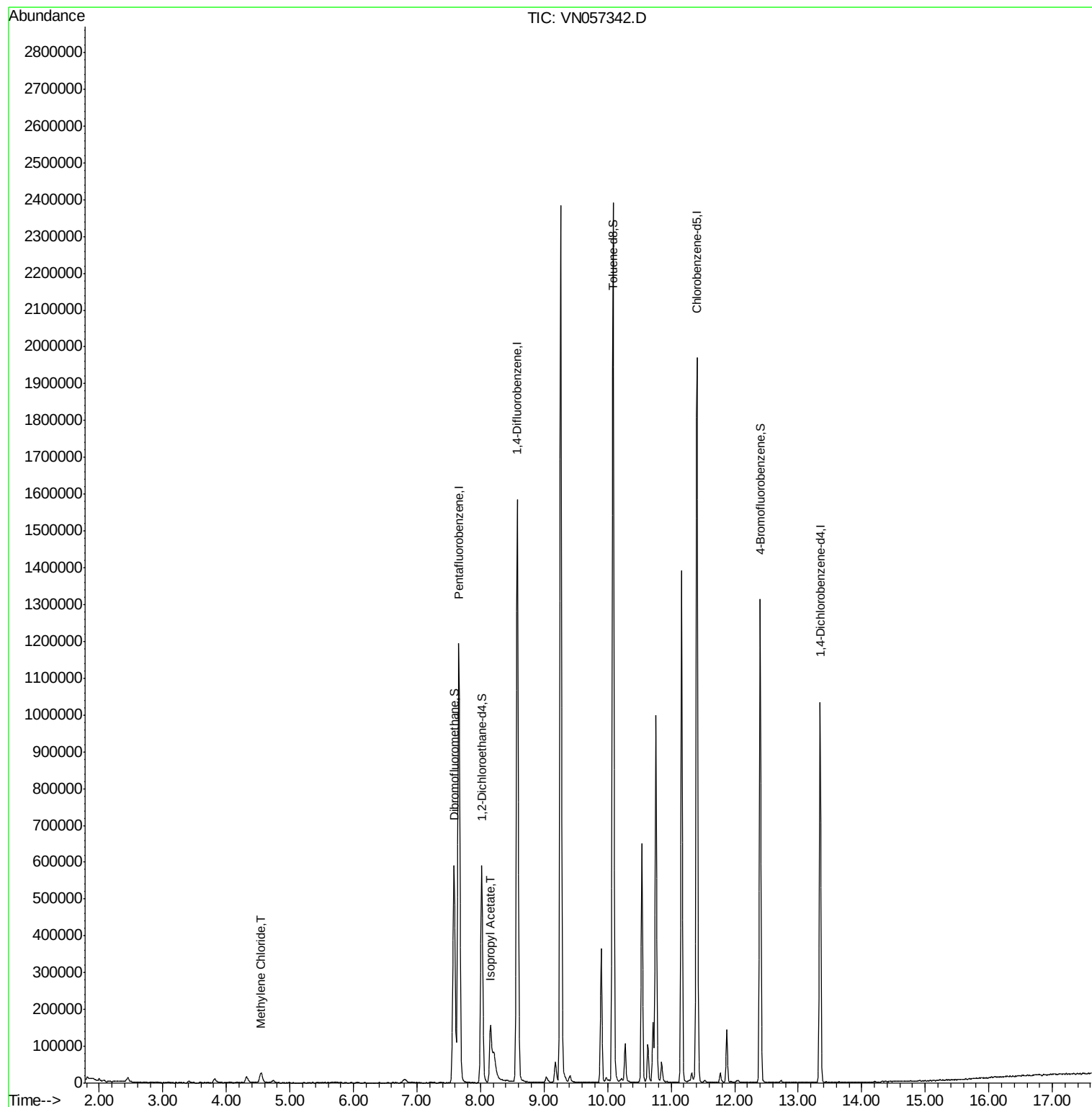
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1085453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1527469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1248496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	510628	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.54%	
35) Dibromofluoromethane	7.58	113	454662	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
50) Toluene-d8	10.08	98	1751252	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.40	95	449224	34.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.42%	
Target Compounds						
20) Methylene Chloride	4.54	84	22175	1.936	ug/l	95
43) Isopropyl Acetate	8.16	43	191116	8.525	ug/l #	83

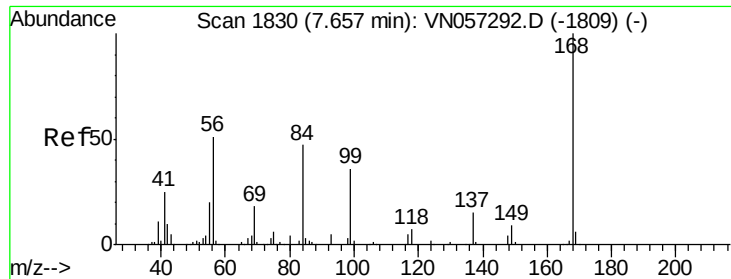
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057342.D

Acq: 15 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

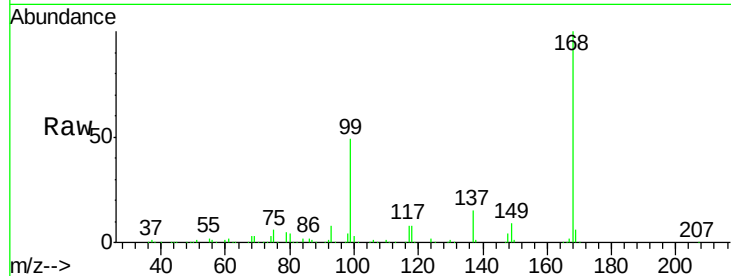
REACTOR-3-C4-(2)

Tot Ion:168 Resp: 1085453

Ion Ratio Lower Upper

168 100

99 48.5 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

400000

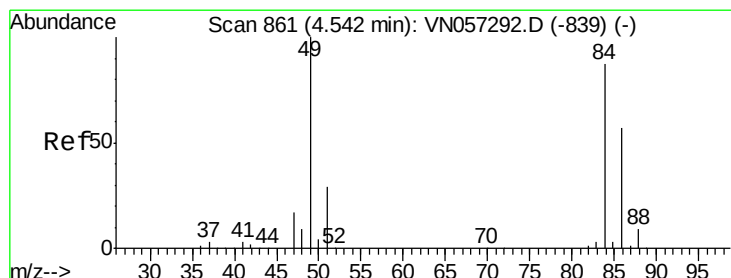
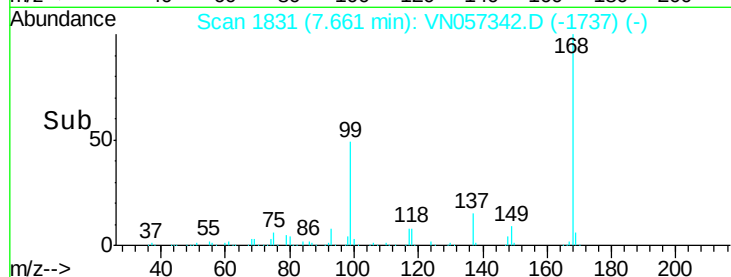
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.936 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN057342.D

Acq: 15 Aug 2019 19:31

Tgt Ion: 84 Resp: 22175

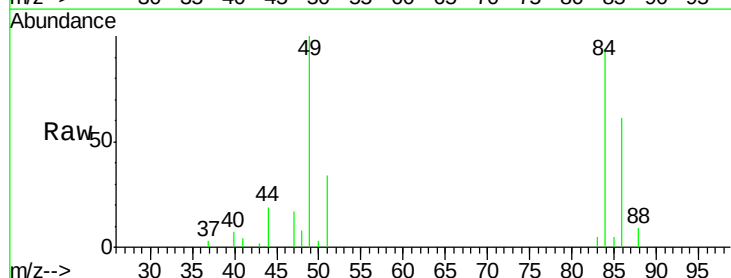
Ion Ratio Lower Upper

84 100

49 106.1 92.0 138.0

51 36.5 27.1 40.7

86 64.4 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

10000

8000

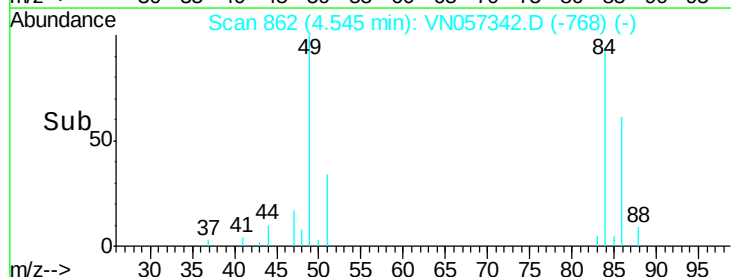
6000

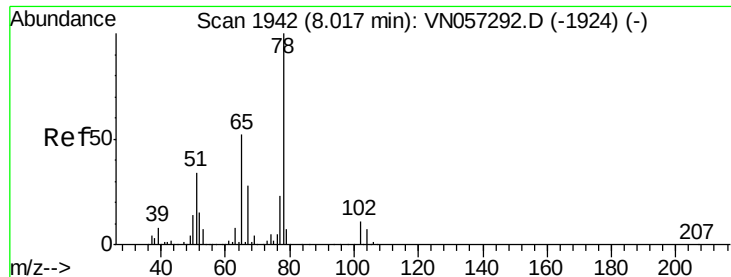
4000

2000

0

Time--> 4.50 4.60

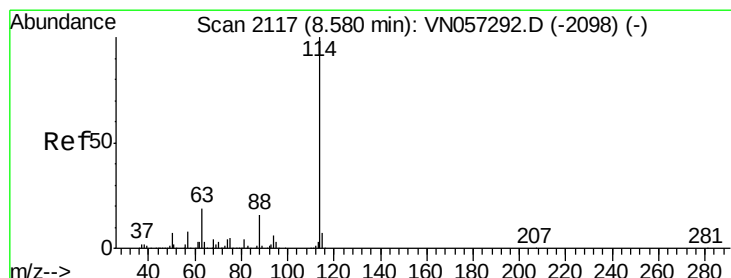
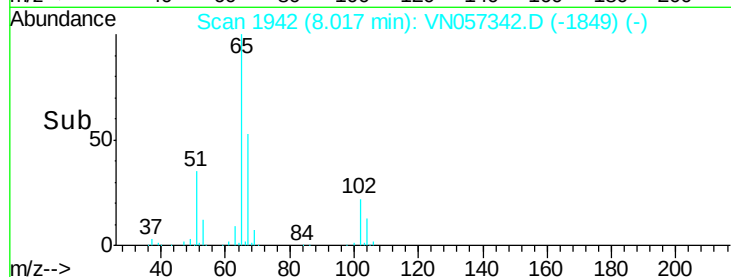
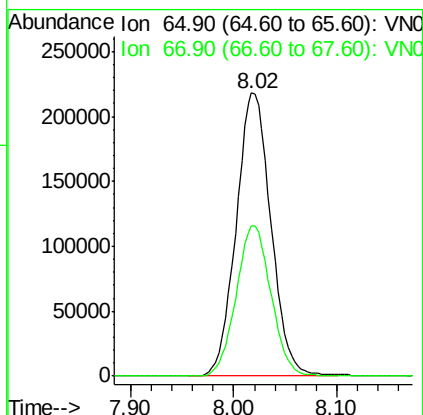
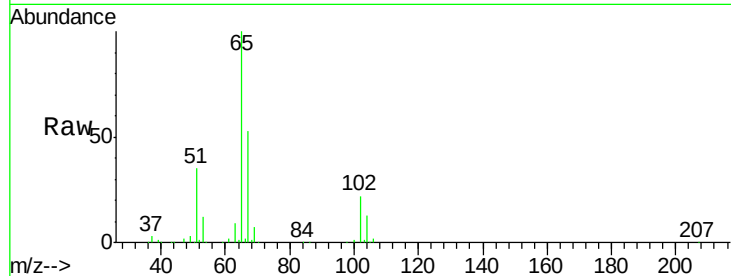




#33
 1,2-Dichloroethane-d4
 Concen: 43.273 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057342.D
 Acq: 15 Aug 2019 19:31

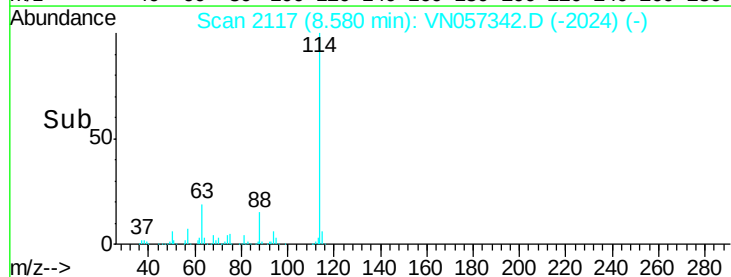
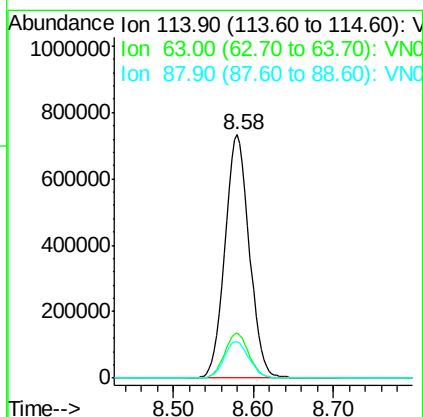
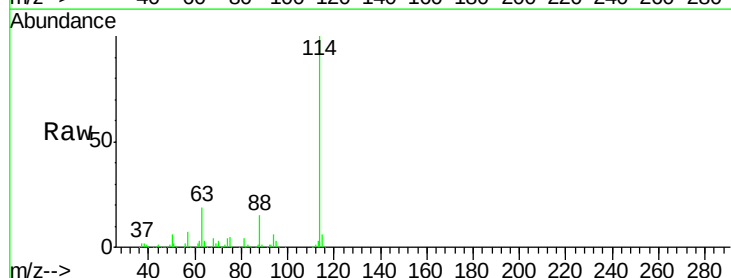
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C4-(2)

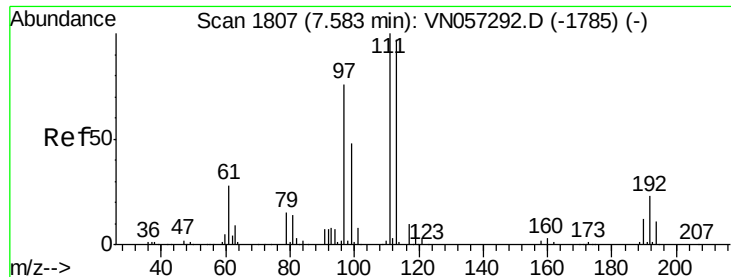
Tot Ion: 65 Resp: 510628
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057342.D
 Acq: 15 Aug 2019 19:31

Tgt Ion: 114 Resp: 1527469
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.0 0.0 31.4

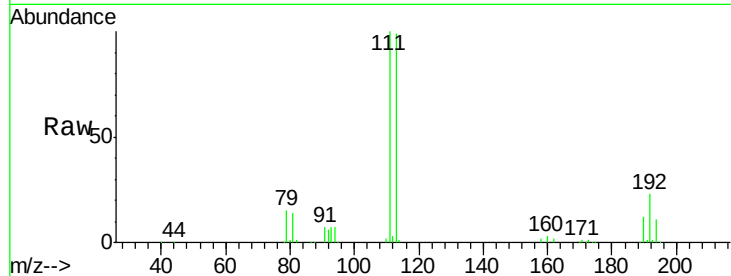




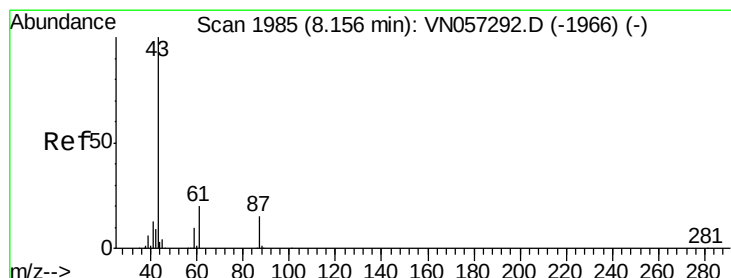
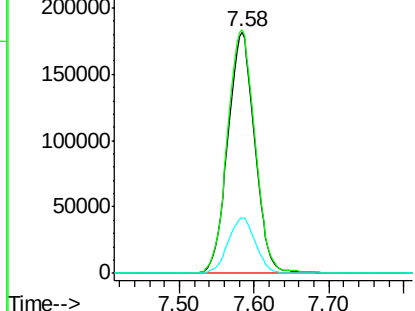
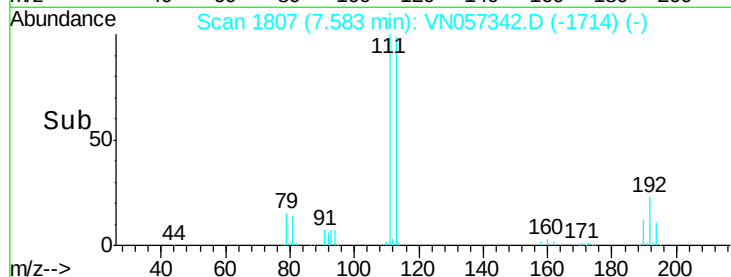
#35
 Dibromofluoromethane
 Concen: 45.408 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057342.D
 Acq: 15 Aug 2019 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C4-(2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	23.4	19.3	28.9

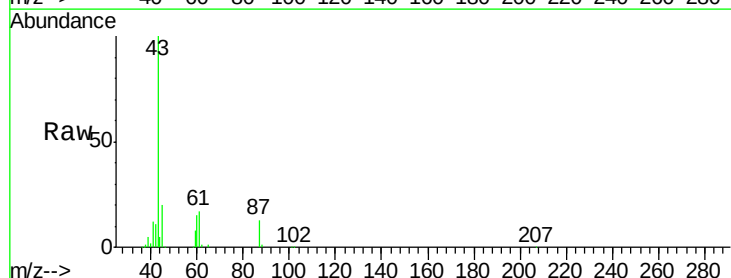


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

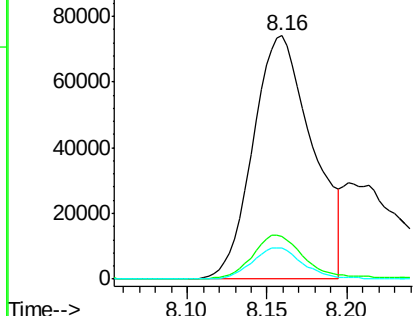
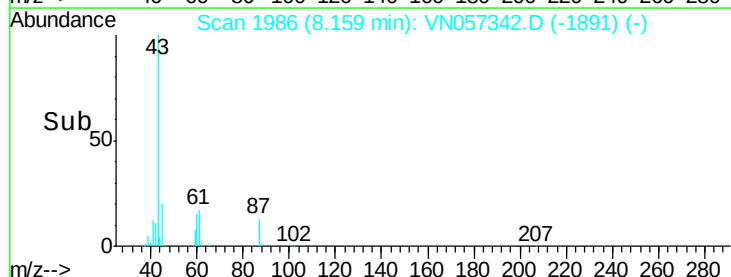


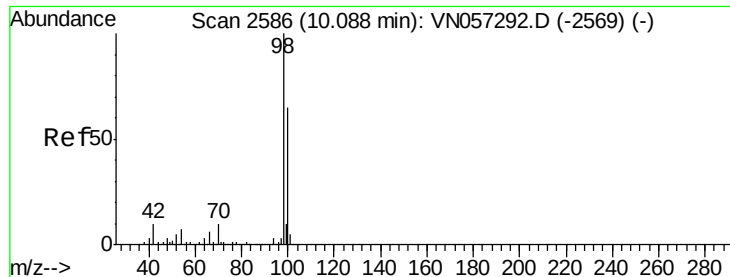
#43
 Isopropyl Acetate
 Concen: 8.525 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057342.D
 Acq: 15 Aug 2019 19:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	21.6	32.4#
87	11.0	11.4	17.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 47.819 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057342.D

Acq: 15 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

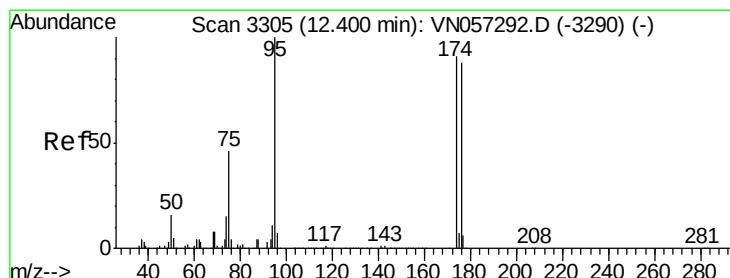
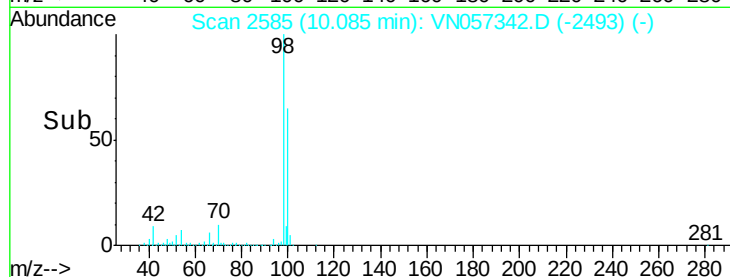
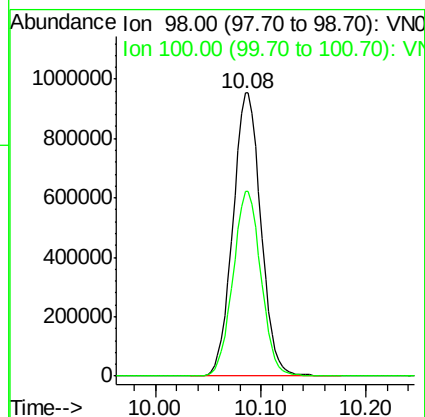
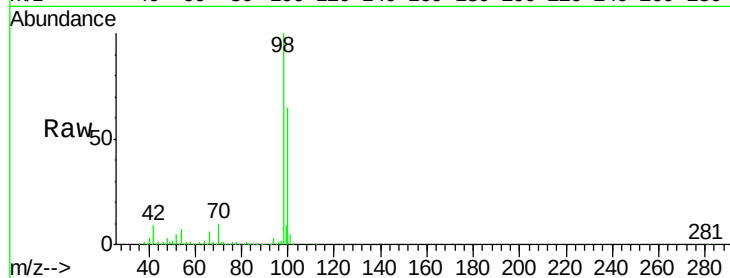
REACTOR-3-C4(2)

Tot Ion: 98 Resp: 1751252

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 34.710 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057342.D

Acq: 15 Aug 2019 19:31

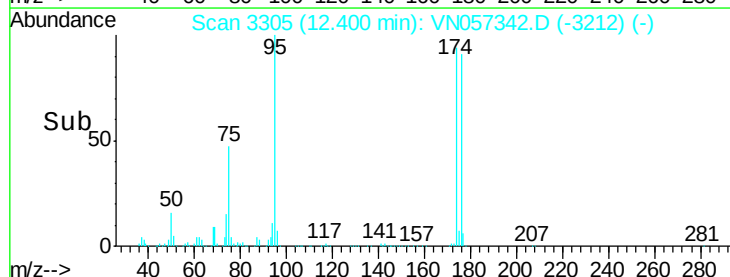
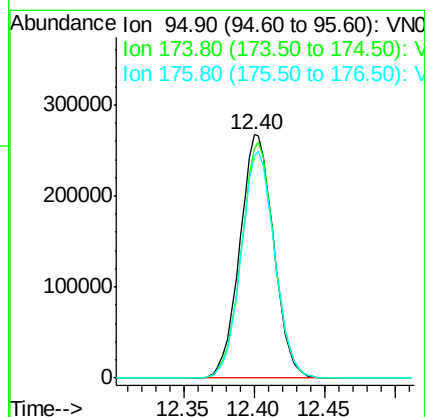
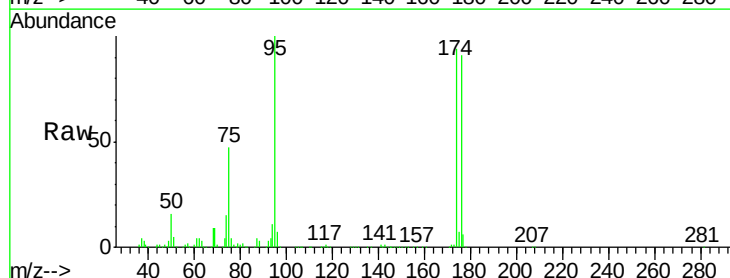
Tgt Ion: 95 Resp: 449224

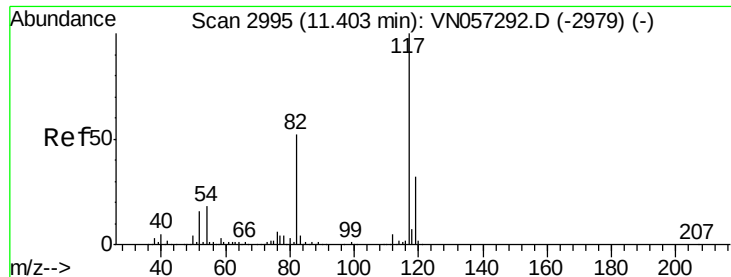
Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.0

176 92.3 0.0 181.0

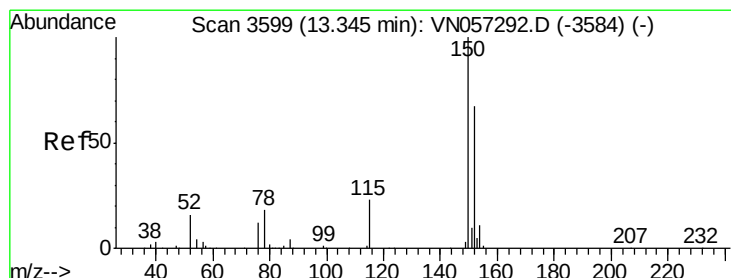
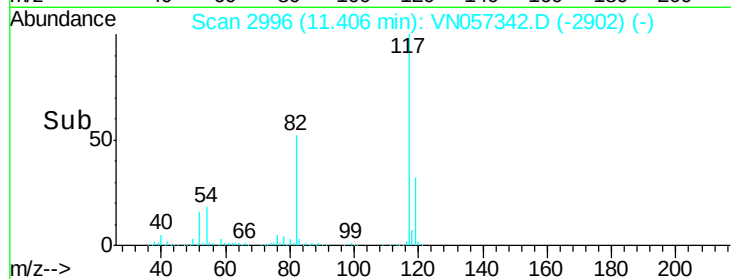
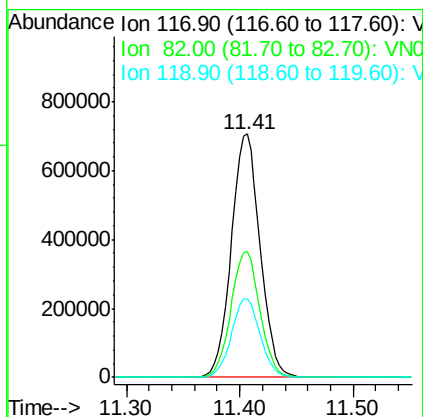
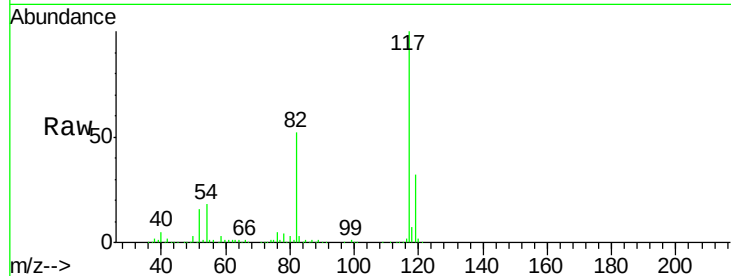




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057342.D
Acq: 15 Aug 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C4-(2)

Tot Ion:117 Resp: 1248496
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 32.4 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: VN057342.D
Acq: 15 Aug 2019 19:31

Tgt Ion:152 Resp: 311113
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 156.1 0.0 344.4

