

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057314.D
 Acq On : 15 Aug 2019 2:46
 Operator : JC/SP
 Sample : K4231-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Aug 15 09:13:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 2019
 Response via : Initial Calibration

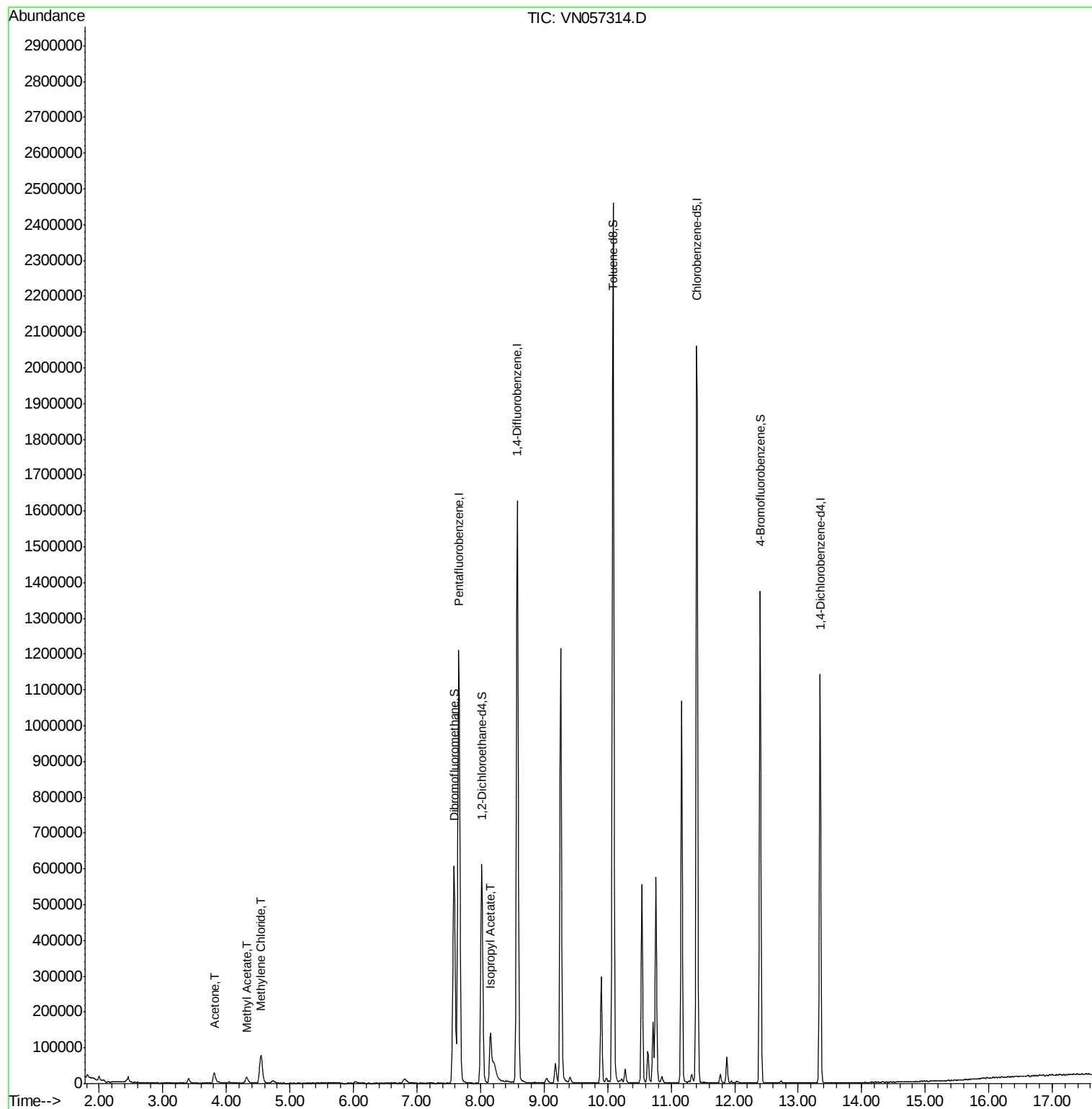
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1108065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1555425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1311431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	330782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	531414	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
35) Dibromofluoromethane	7.58	113	469991	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
50) Toluene-d8	10.09	98	1807979	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	479362	36.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.74%	
Target Compounds						
16) Acetone	3.81	43	46240	11.066	ug/l	99
18) Methyl Acetate	4.32	43	31582	0.430	ug/l	98
20) Methylene Chloride	4.55	84	64561	5.522	ug/l	95
43) Isopropyl Acetate	8.16	43	171083	6.789	ug/l #	83

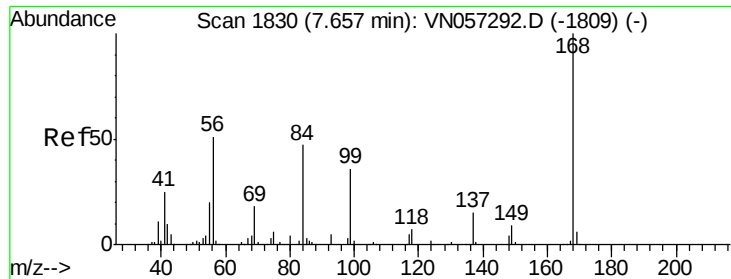
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 08:22:24 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: VN057314.D

Acq: 15 Aug 2019 2:46

Instrument :

MSVOA_N

ClientSampleId :

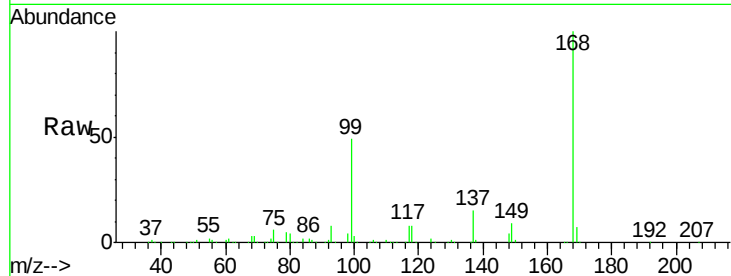
REACTOR-3-B-(3)

Tot Ion:168 Resp: 1108065

Ion Ratio Lower Upper

168 100

99 49.4 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

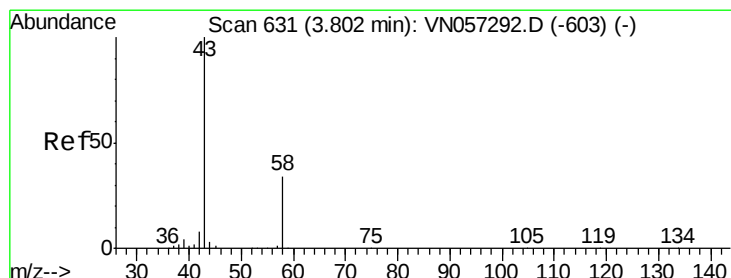
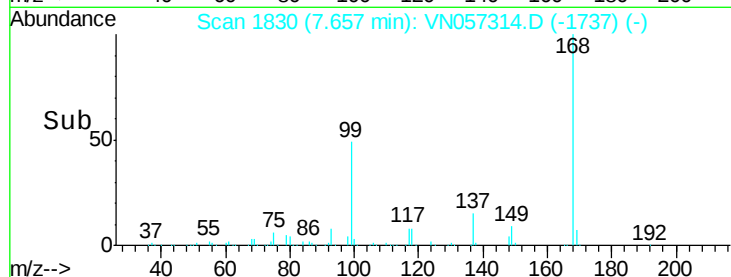
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.066 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057314.D

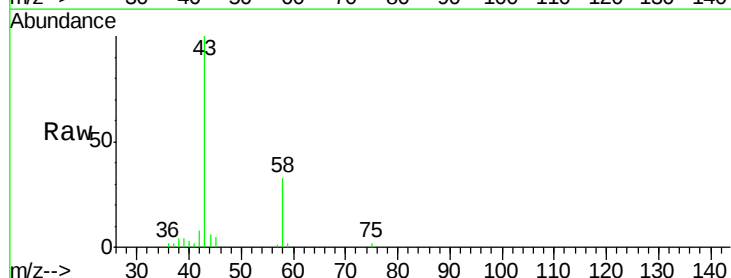
Acq: 15 Aug 2019 2:46

Tgt Ion: 43 Resp: 46240

Ion Ratio Lower Upper

43 100

58 33.3 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

20000

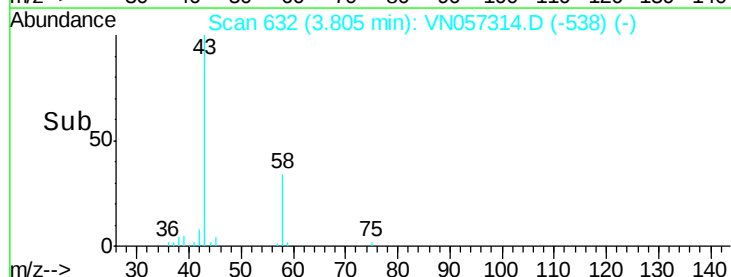
15000

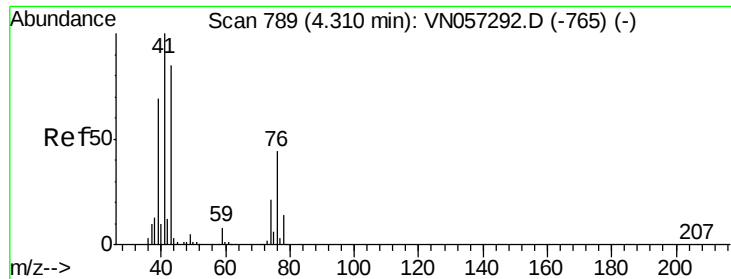
10000

5000

0

Time--> 3.70 3.75 3.80 3.85 3.90

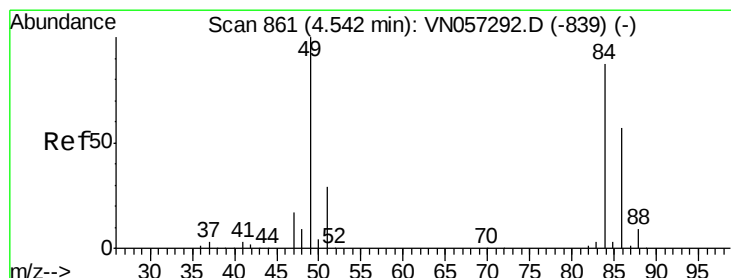
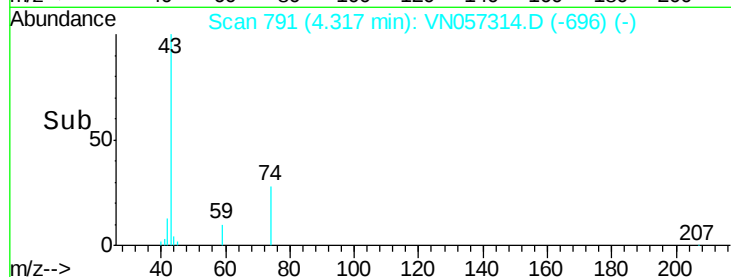
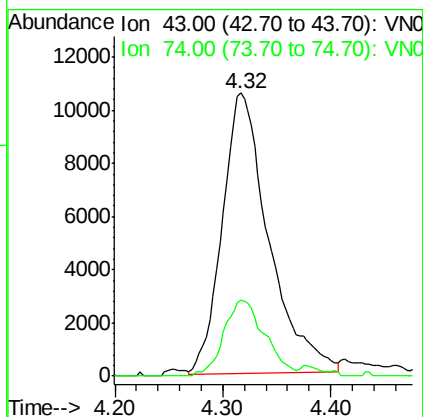
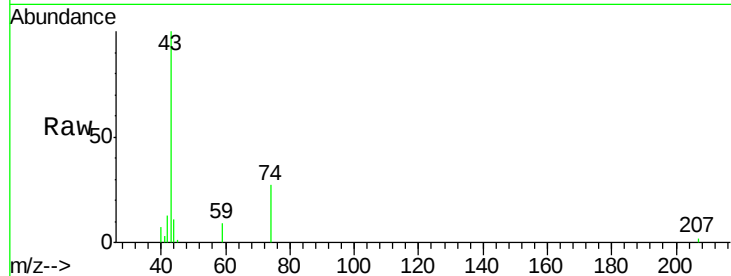




#18
Methvl Acetate
Concen: 0.430 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057314.D
Acq: 15 Aug 2019 2:46

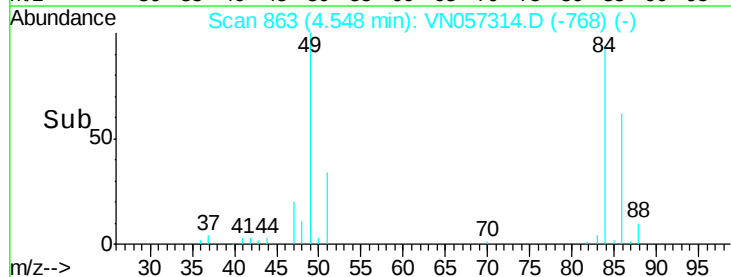
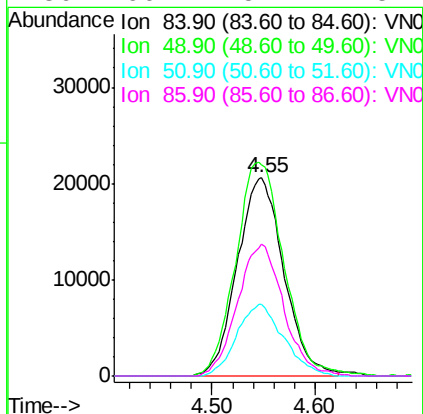
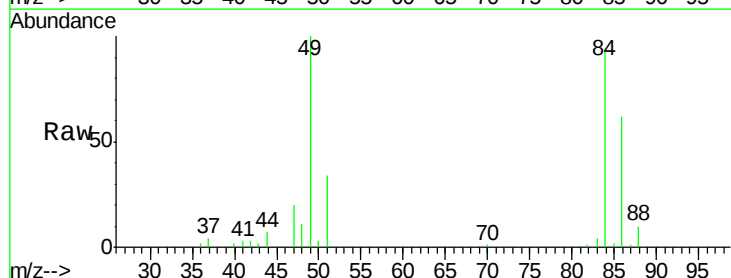
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-B-(3)

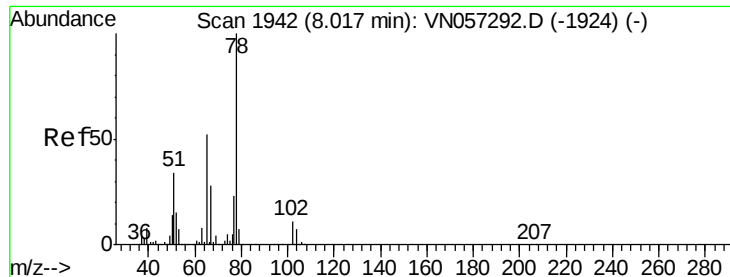
Tot Ion: 43 Resp: 31582
Ion Ratio Lower Upper
43 100
74 24.0 20.2 30.2



#20
Methylene Chloride
Concen: 5.522 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057314.D
Acq: 15 Aug 2019 2:46

Tgt Ion: 84 Resp: 64561
Ion Ratio Lower Upper
84 100
49 106.8 92.0 138.0
51 36.0 27.1 40.7
86 66.4 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 44.116 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057314.D

Acq: 15 Aug 2019 2:46

Instrument :

MSVOA_N

ClientSampleId :

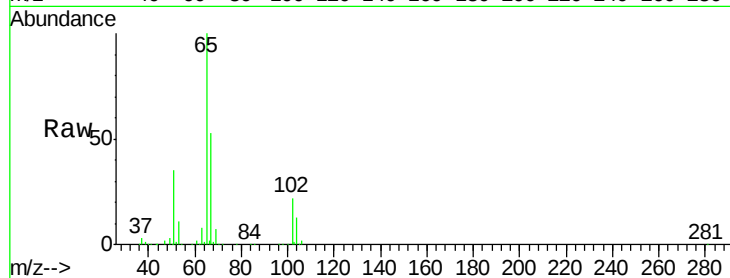
REACTOR-3-B-(3)

Tot Ion: 65 Resp: 531414

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057314.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057314.D (-1849) (-)

8.02

250000

200000

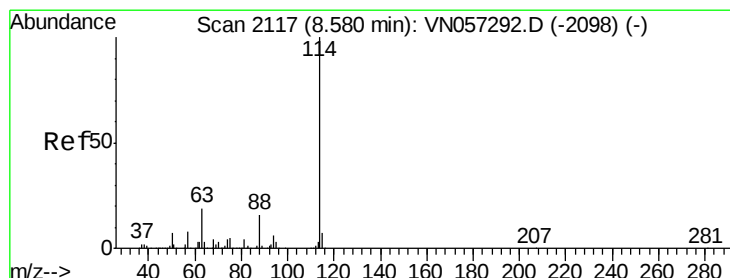
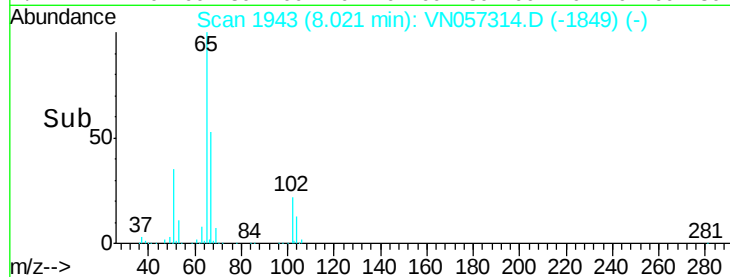
150000

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: VN057314.D

Acq: 15 Aug 2019 2:46

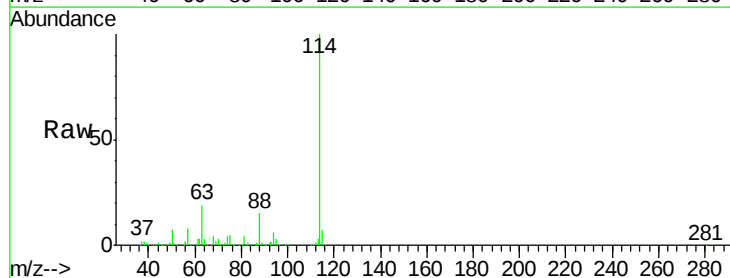
Tgt Ion: 114 Resp: 1555425

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

88 14.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057314.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057314.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057314.D (-2024) (-)

8.58

1000000

800000

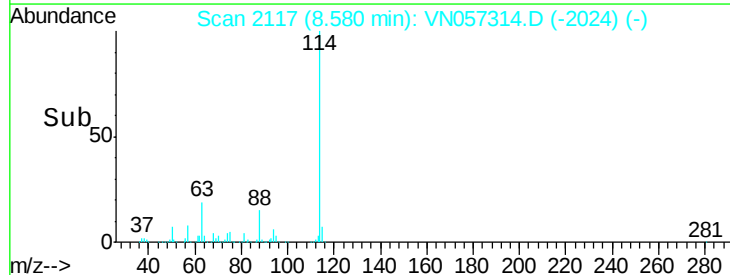
600000

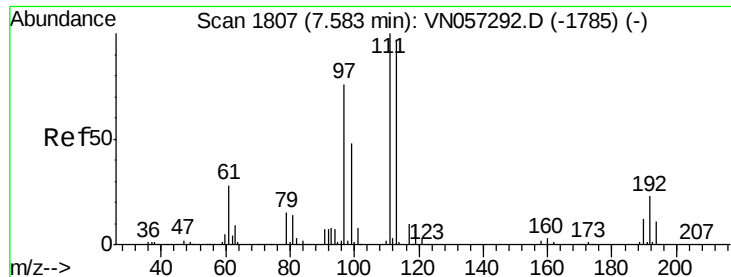
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

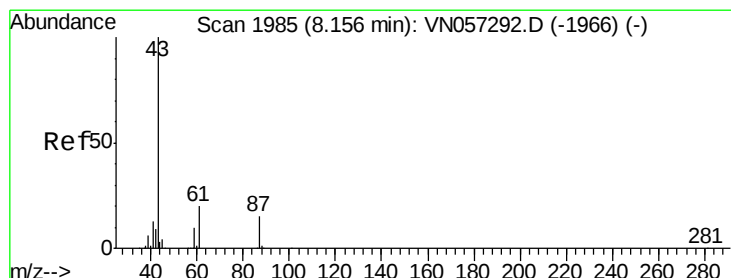
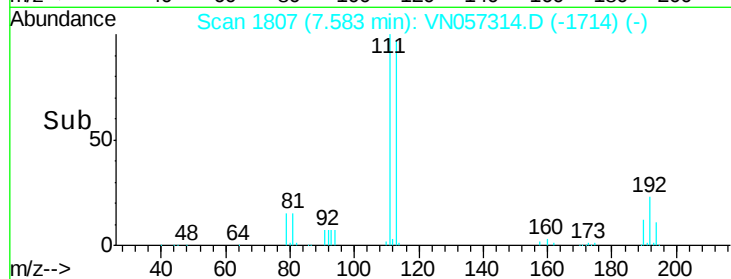
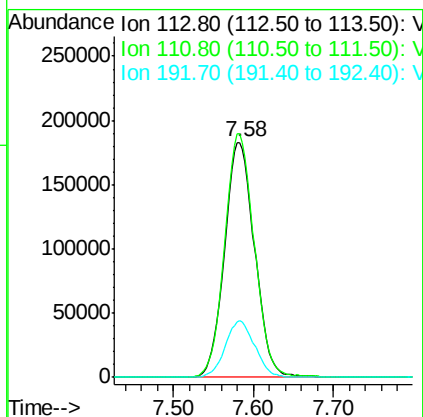
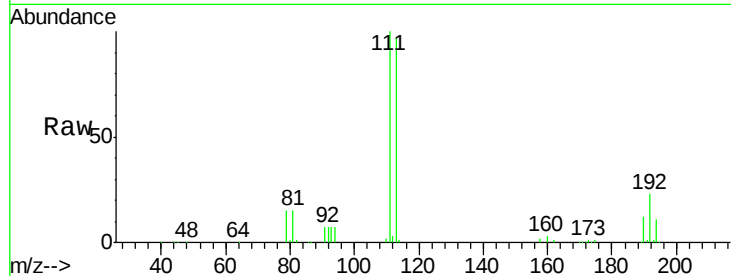




#35
 Dibromofluoromethane
 Concen: 46.095 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057314.D
 Acq: 15 Aug 2019 2:46

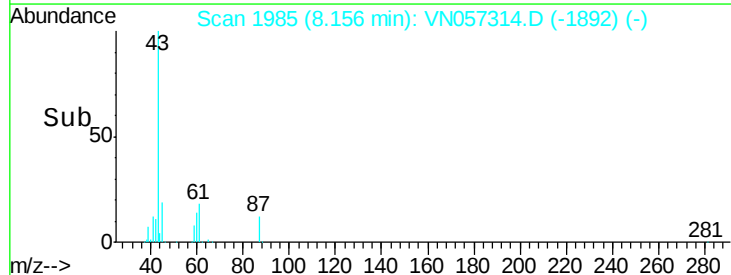
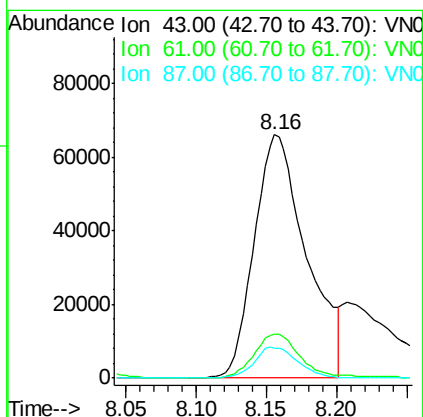
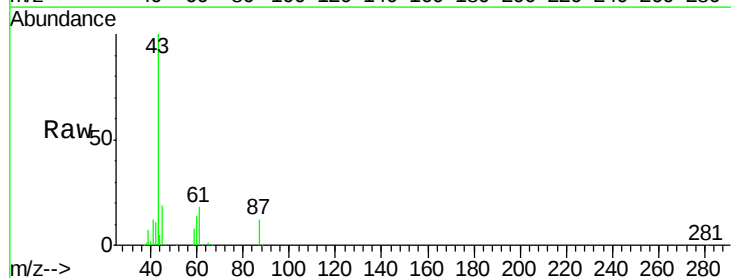
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-B-(3)

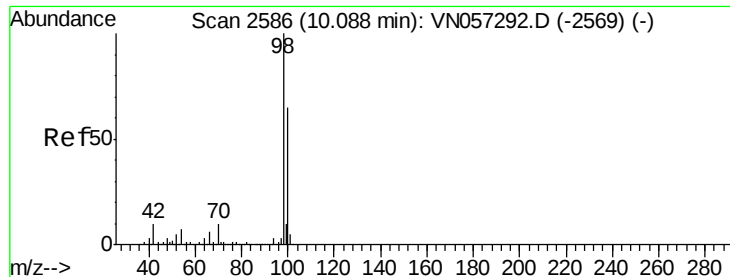
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	23.7	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 6.789 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057314.D
 Acq: 15 Aug 2019 2:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	21.6	32.4#
87	10.7	11.4	17.0#





#50

Toluene-d8

Concen: 48.481 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057314.D

Acq: 15 Aug 2019 2:46

Instrument :

MSVOA_N

ClientSampleId :

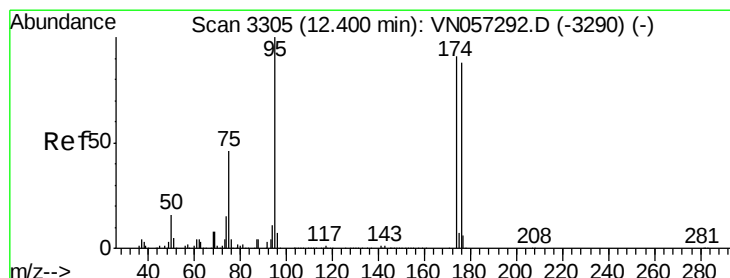
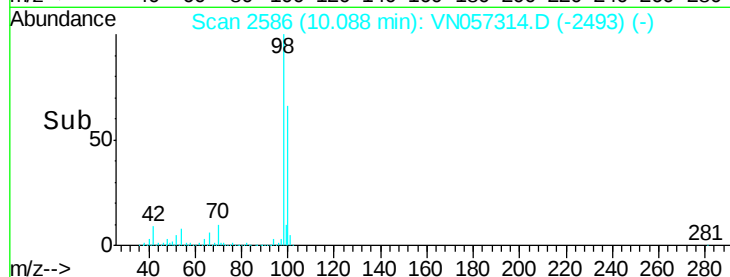
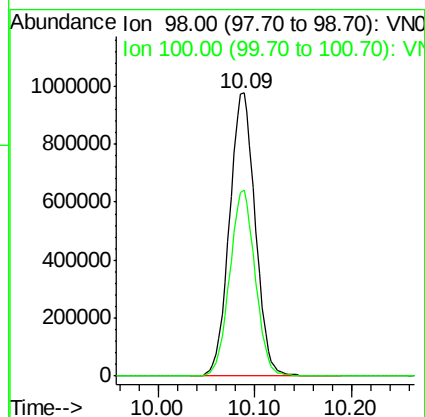
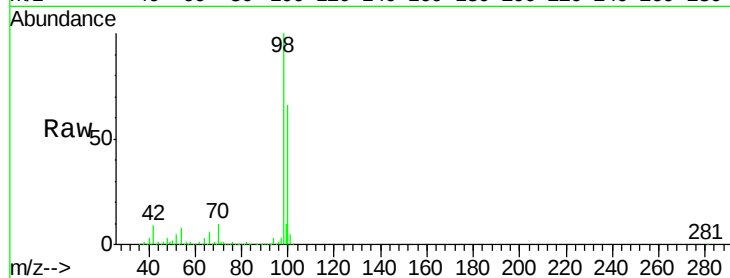
REACTOR-3-B-(3)

Tot Ion: 98 Resp: 1807979

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.373 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057314.D

Acq: 15 Aug 2019 2:46

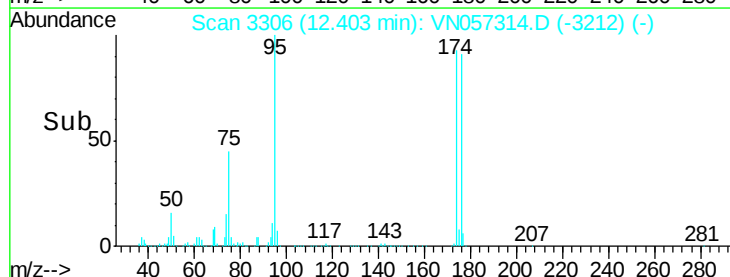
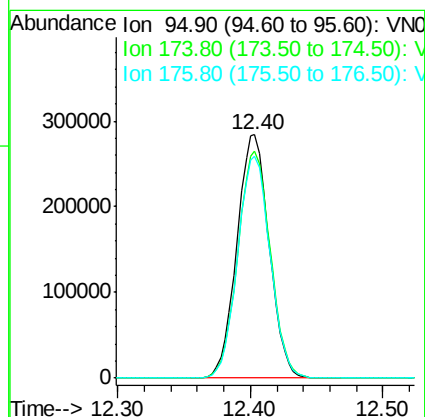
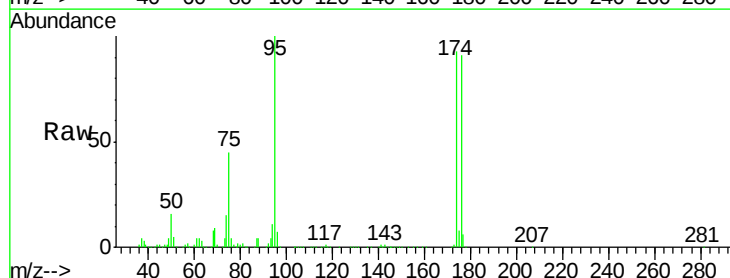
Tgt Ion: 95 Resp: 479362

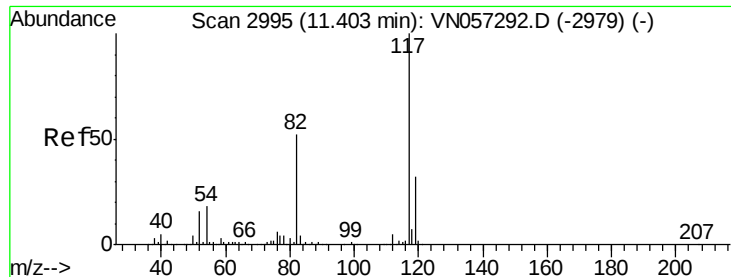
Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.0

176 91.9 0.0 181.0

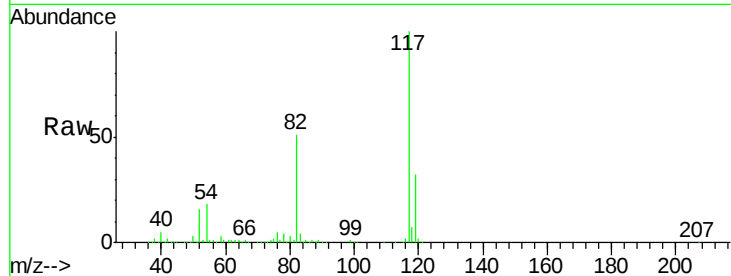




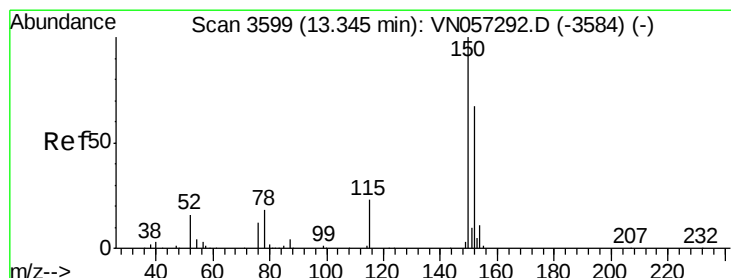
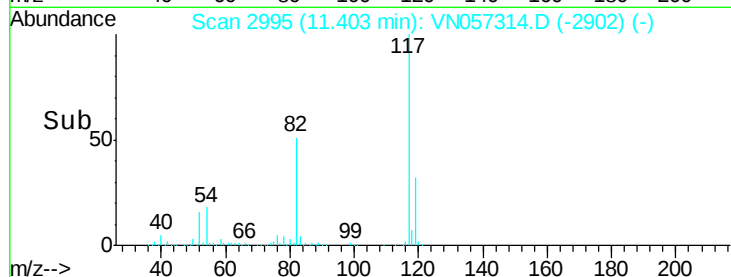
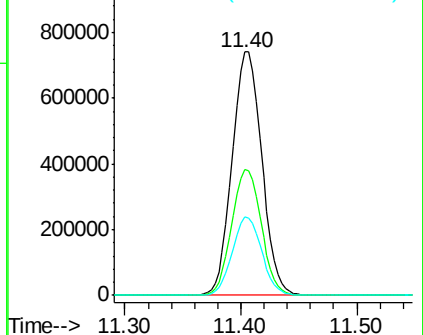
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057314.D
Acq: 15 Aug 2019 2:46

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

Tot Ion:117 Resp: 1311431
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.0 25.8 38.8

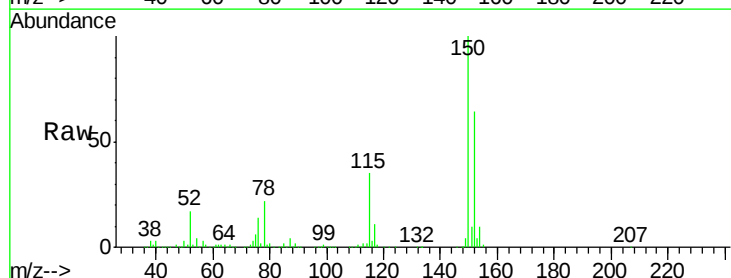


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057314.D
Acq: 15 Aug 2019 2:46

Tgt Ion:152 Resp: 330782
Ion Ratio Lower Upper
152 100
115 55.4 27.3 81.9
150 157.0 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

