

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057388.D
 Acq On : 19 Aug 2019 10:16
 Operator : JC/SP
 Sample : K4231-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 20 07:37:32 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

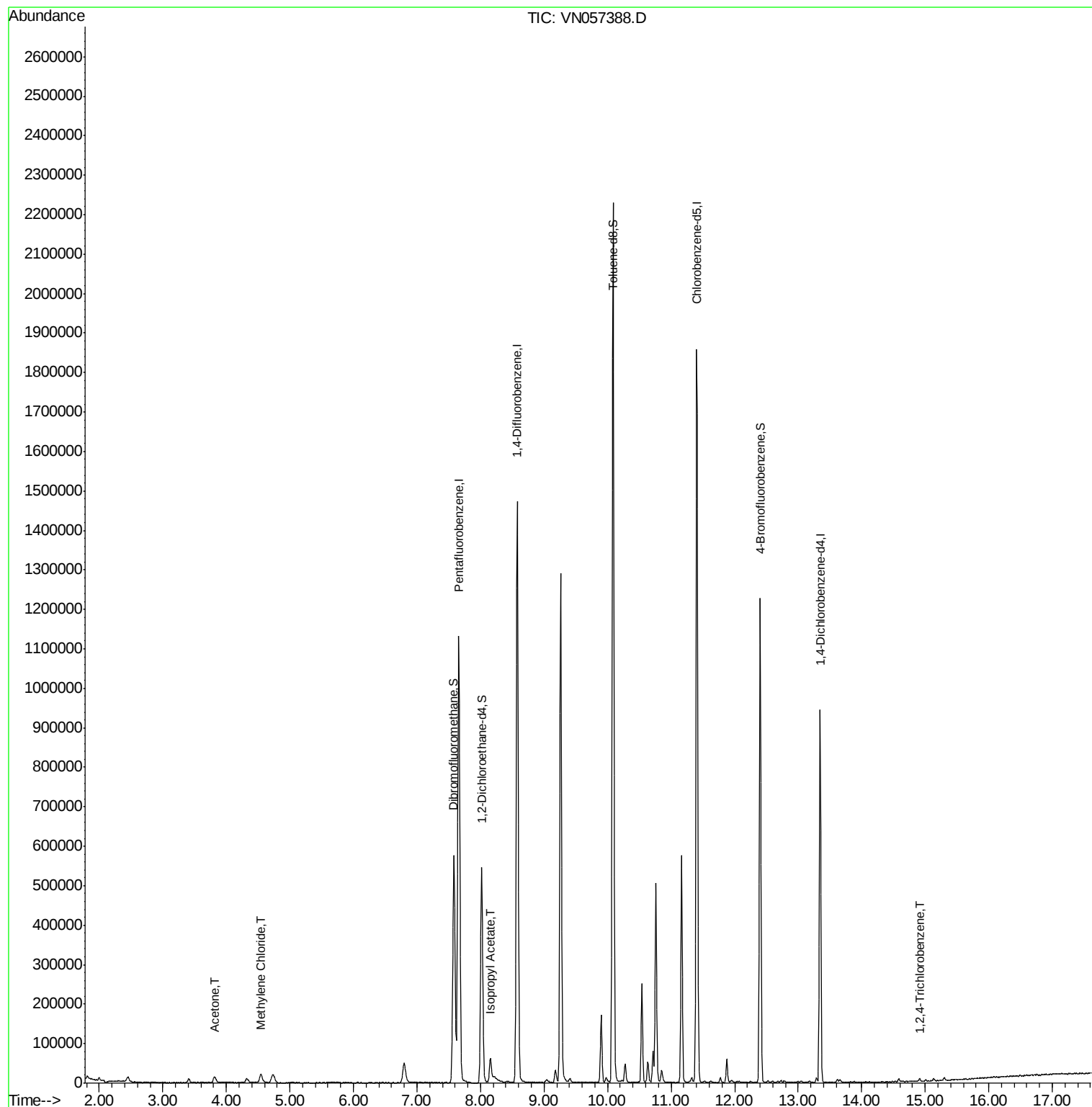
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1046634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1435536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1195801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	473814	41.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.28%	
35) Dibromofluoromethane	7.58	113	443624	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.09	98	1668032	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	424152	34.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.74%	
Target Compounds						
16) Acetone	3.81	43	22353	5.663	ug/l	97
20) Methylene Chloride	4.55	84	17969	1.627	ug/l	89
43) Isopropyl Acetate	8.16	43	78122	3.056	ug/l	93
93) 1,2,4-Trichlorobenzene	14.91	180	2795	6.026	ug/l	90

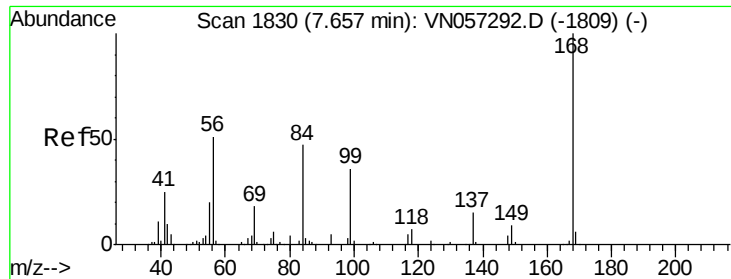
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081919\
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ClientSampleId :
REACTOR-3-F(2)

Quant Time: Aug 20 07:37:32 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# 1830

Delta R.T. 0.00 min

Lab File: VN057388.D

Acq: 19 Aug 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

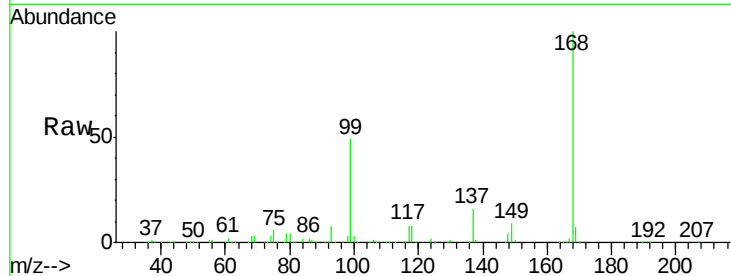
REACTOR-3-F(2)

Tot Ion:168 Resp: 1046634

Ion Ratio Lower Upper

168 100

99 48.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

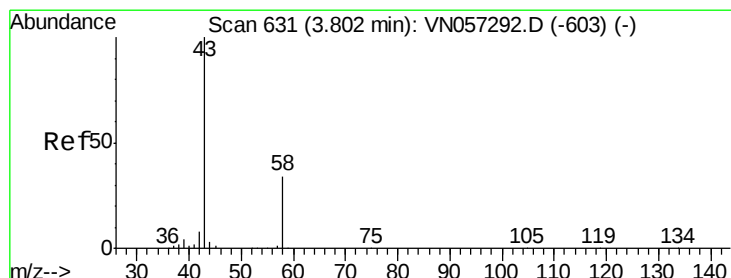
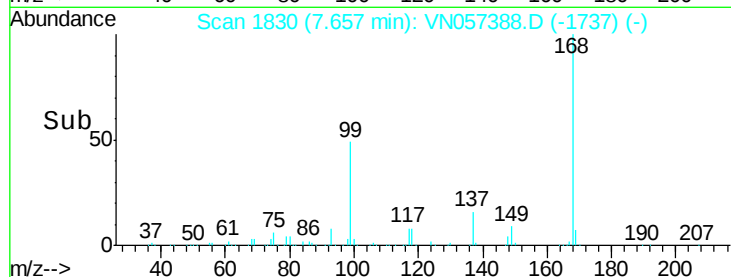
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.663 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057388.D

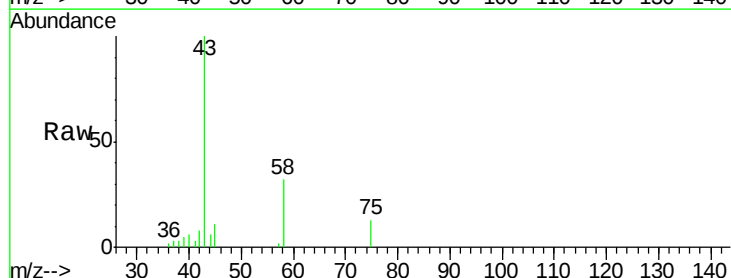
Acq: 19 Aug 2019 10:16

Tgt Ion: 43 Resp: 22353

Ion Ratio Lower Upper

43 100

58 32.3 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

8000

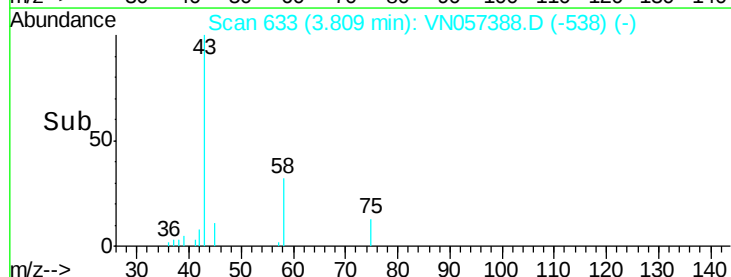
6000

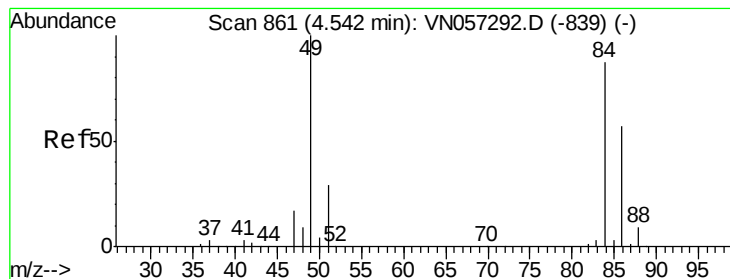
4000

2000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 1.627 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057388.D

Acq: 19 Aug 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-F(2)

Tot Ion: 84 Resp: 17969

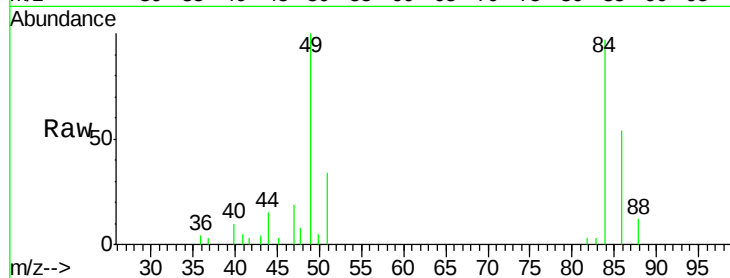
Ion Ratio Lower Upper

84 100

49 99.6 92.0 138.0

51 34.9 27.1 40.7

86 55.9 52.2 78.2

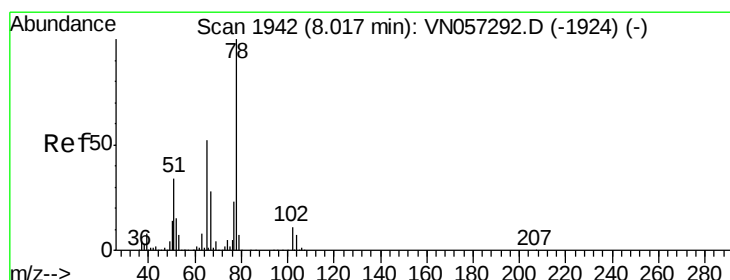
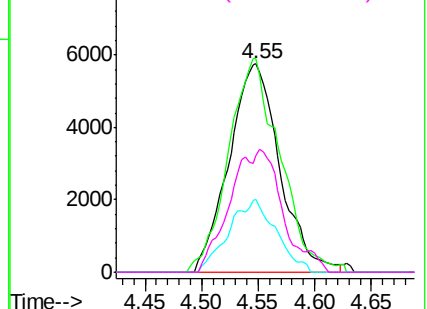
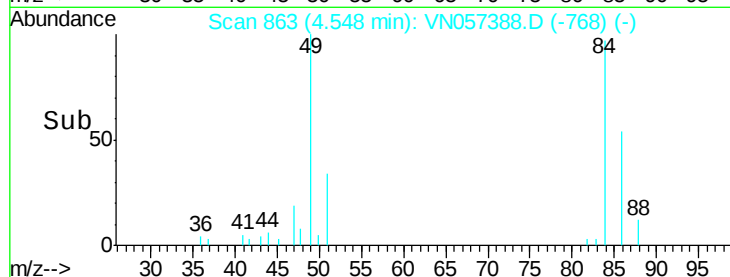


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 41.643 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057388.D

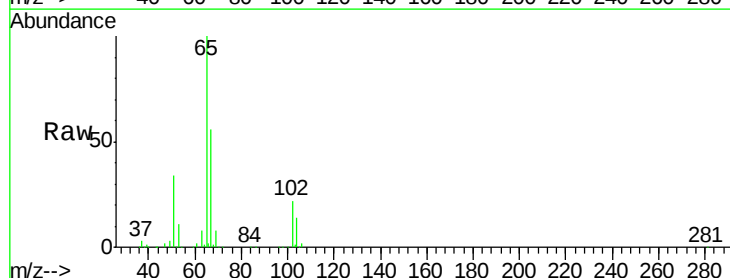
Acq: 19 Aug 2019 10:16

Tgt Ion: 65 Resp: 473814

Ion Ratio Lower Upper

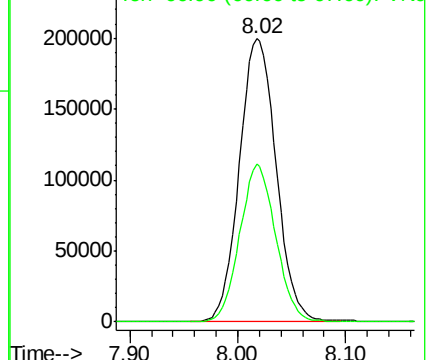
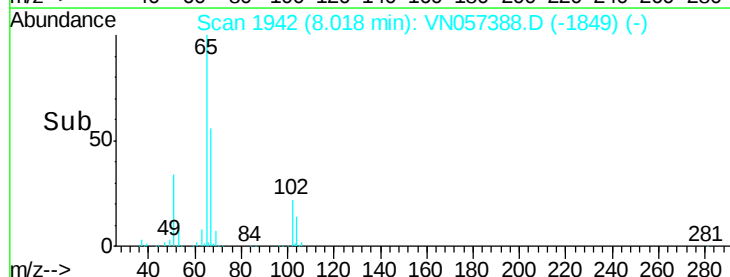
65 100

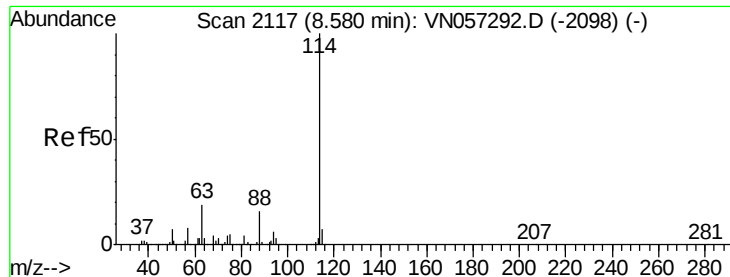
67 54.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

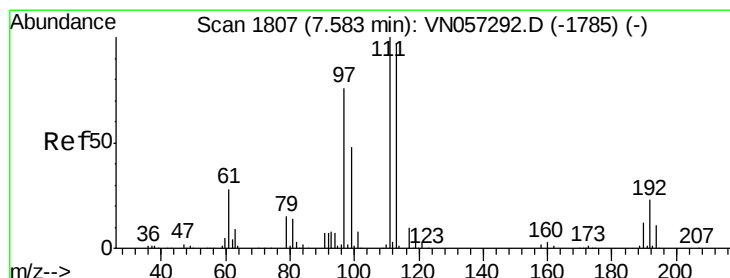
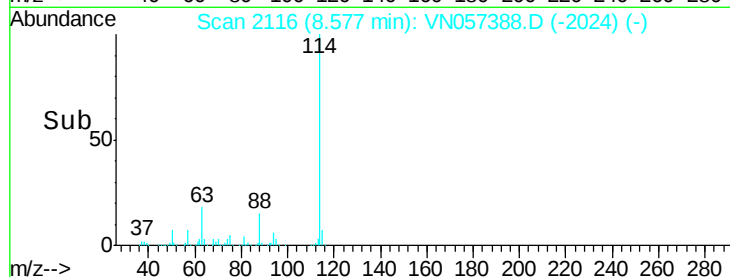
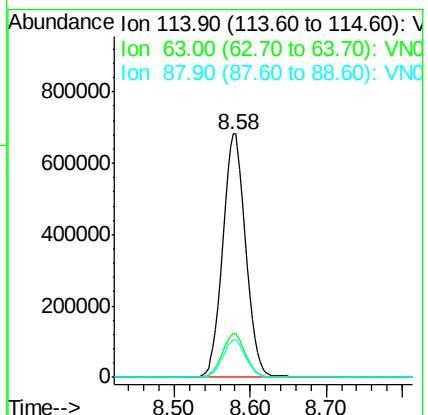
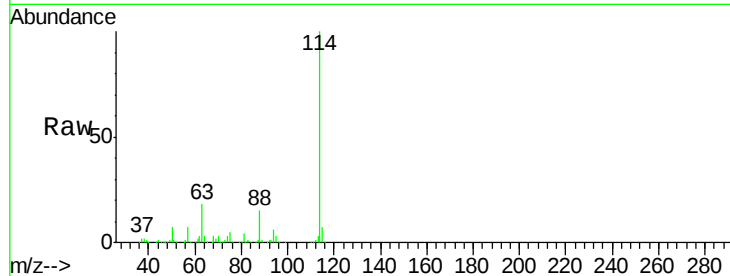




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057388.D
 Acq: 19 Aug 2019 10:16

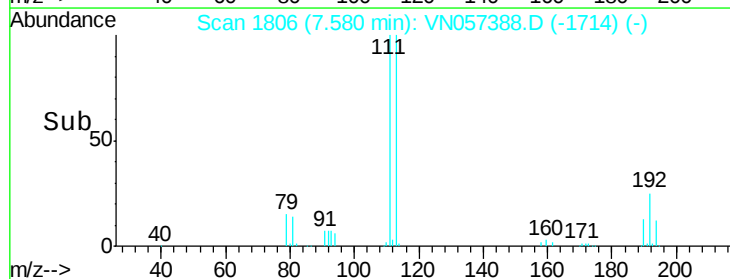
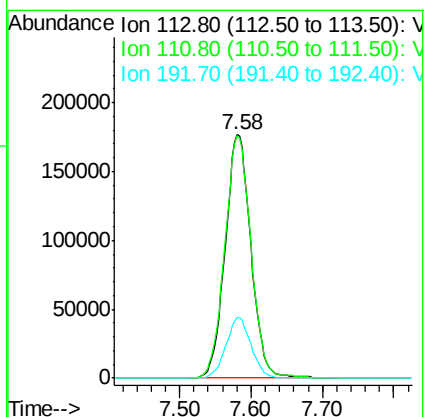
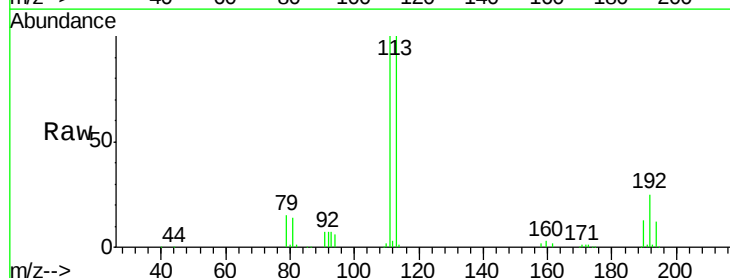
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-F(2)

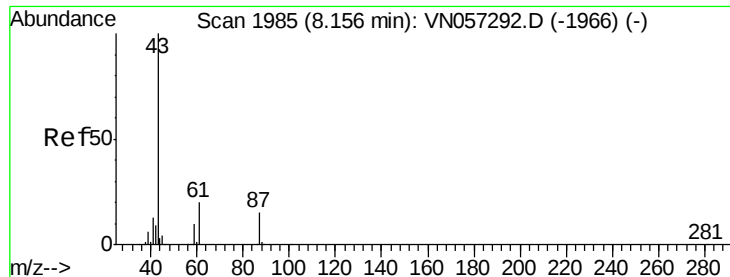
Tot Ion:114 Resp: 143536
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.8
 88 15.2 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.143 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057388.D
 Acq: 19 Aug 2019 10:16

Tgt Ion:113 Resp: 443624
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.1 123.1
 192 24.3 19.3 28.9





#43

Isopropyl Acetate

Concen: 3.056 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057388.D

Acq: 19 Aug 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-F(2)

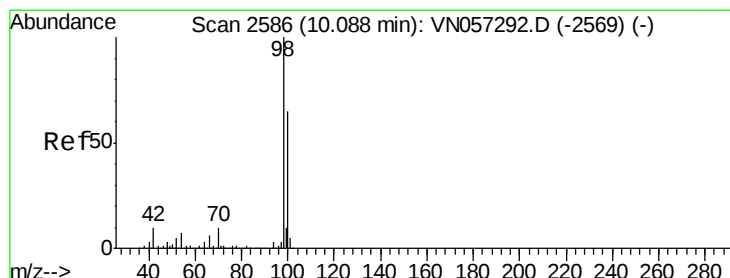
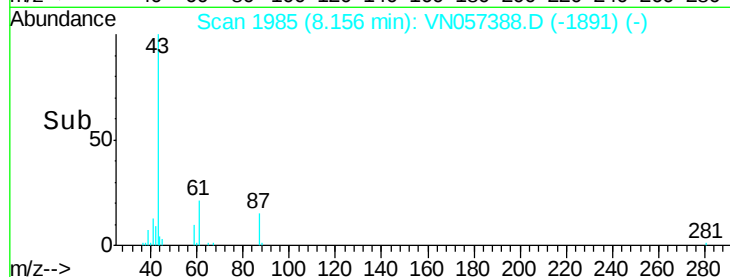
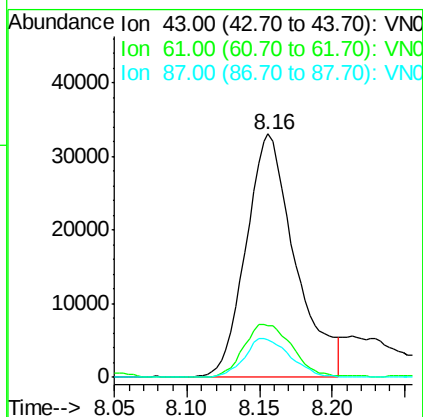
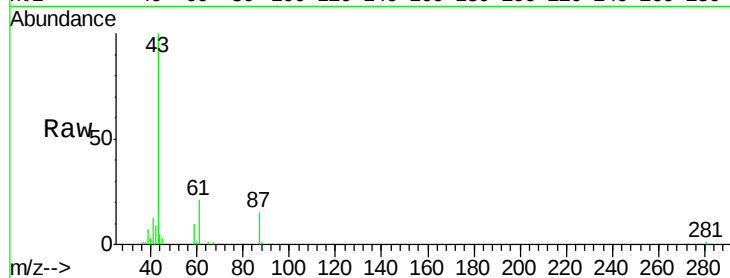
Tot Ion: 43 Resp: 78122

Ion Ratio Lower Upper

43 100

61 21.7 21.6 32.4

87 14.8 11.4 17.0



#50

Toluene-d8

Concen: 48.464 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057388.D

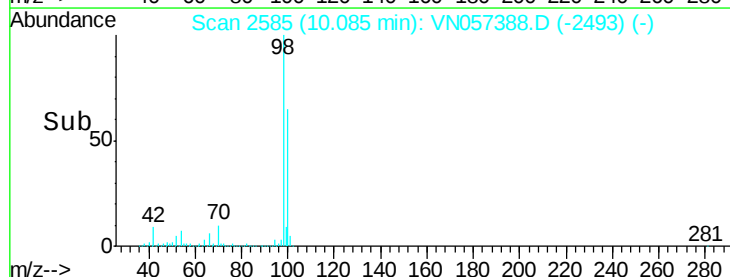
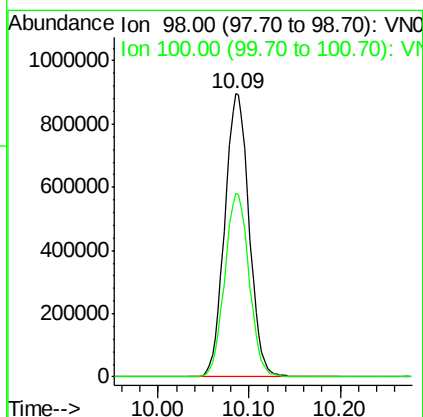
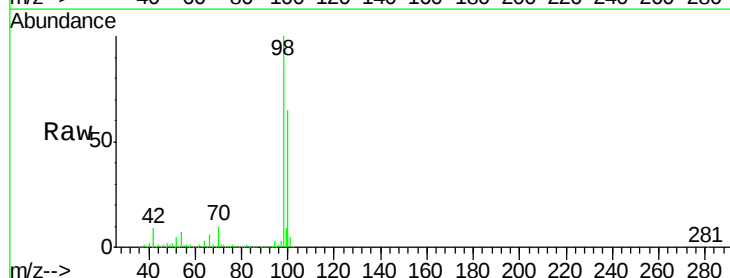
Acq: 19 Aug 2019 10:16

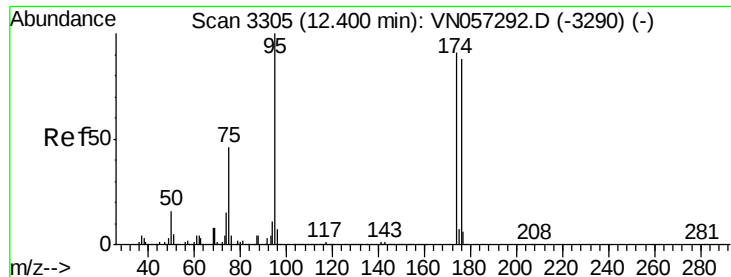
Tgt Ion: 98 Resp: 1668032

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 34.872 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057388.D

Acq: 19 Aug 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-F(2)

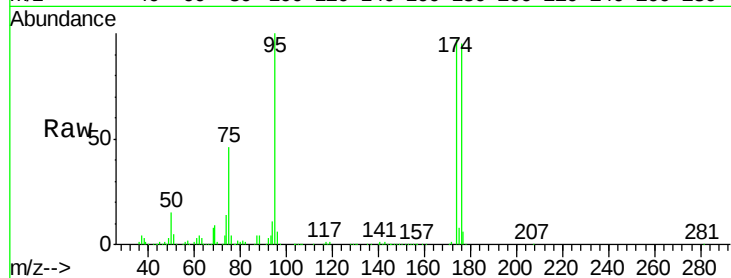
Tot Ion: 95 Resp: 424152

Ion Ratio Lower Upper

95 100

174 96.7 0.0 185.0

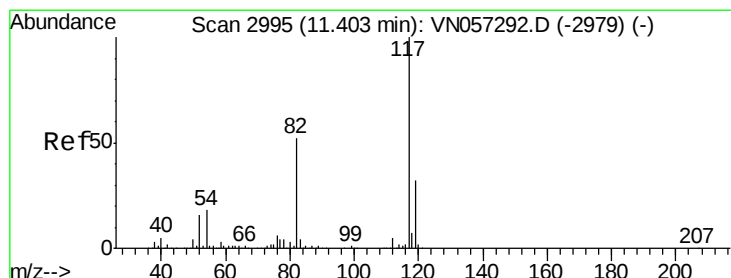
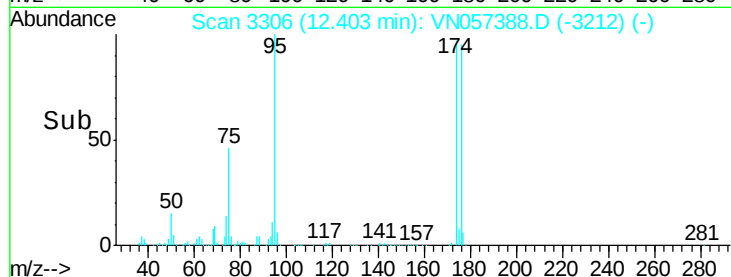
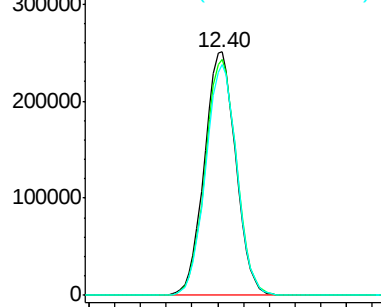
176 94.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057388.D

Acq: 19 Aug 2019 10:16

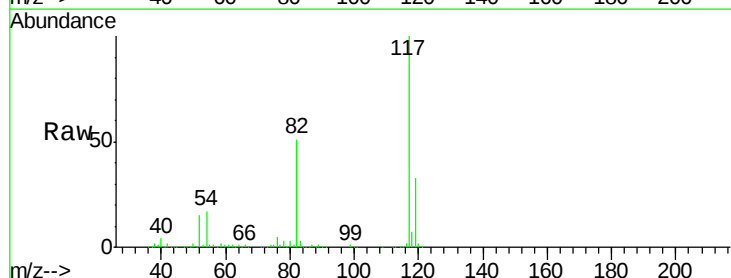
Tgt Ion: 117 Resp: 1195801

Ion Ratio Lower Upper

117 100

82 50.9 41.2 61.8

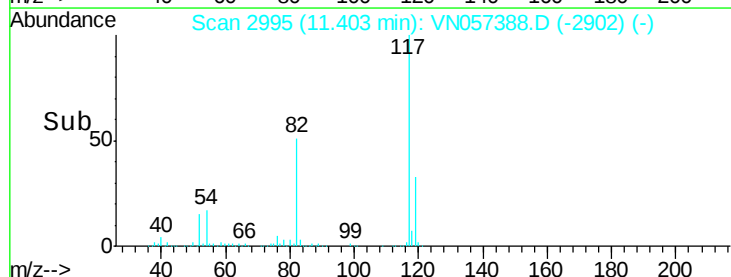
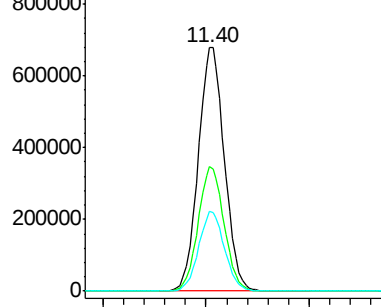
119 32.5 25.8 38.8

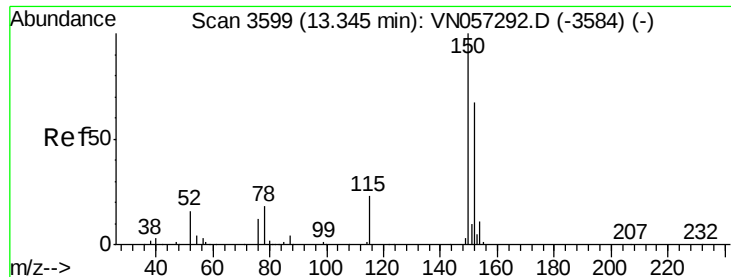


Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057292.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057292.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057388.D

Acq: 19 Aug 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-F(2)

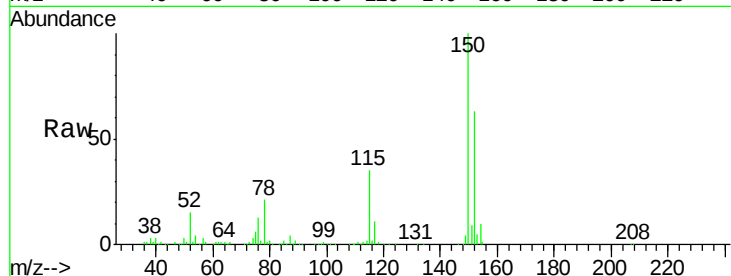
Tot Ion:152 Resp: 285263

Ion Ratio Lower Upper

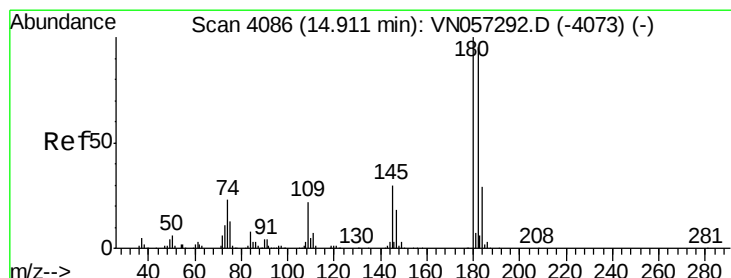
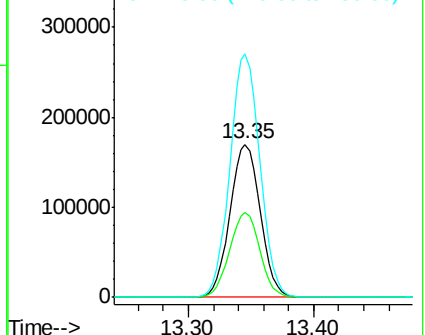
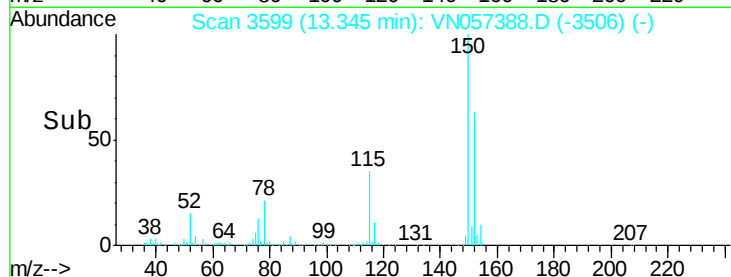
152 100

115 55.1 27.3 81.9

150 157.1 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



#93

1,2,4-Trichlorobenzene

Concen: 6.026 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057388.D

Acq: 19 Aug 2019 10:16

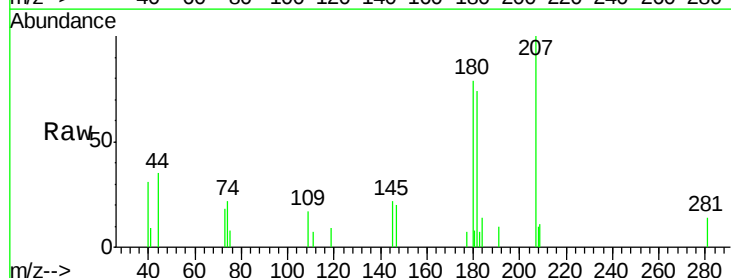
Tgt Ion:180 Resp: 2795

Ion Ratio Lower Upper

180 100

182 84.6 48.0 144.2

145 26.8 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

