

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057300.D
 Acq On : 14 Aug 2019 21:06
 Operator : JC/SP
 Sample : K4231-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 15 08:44:14 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

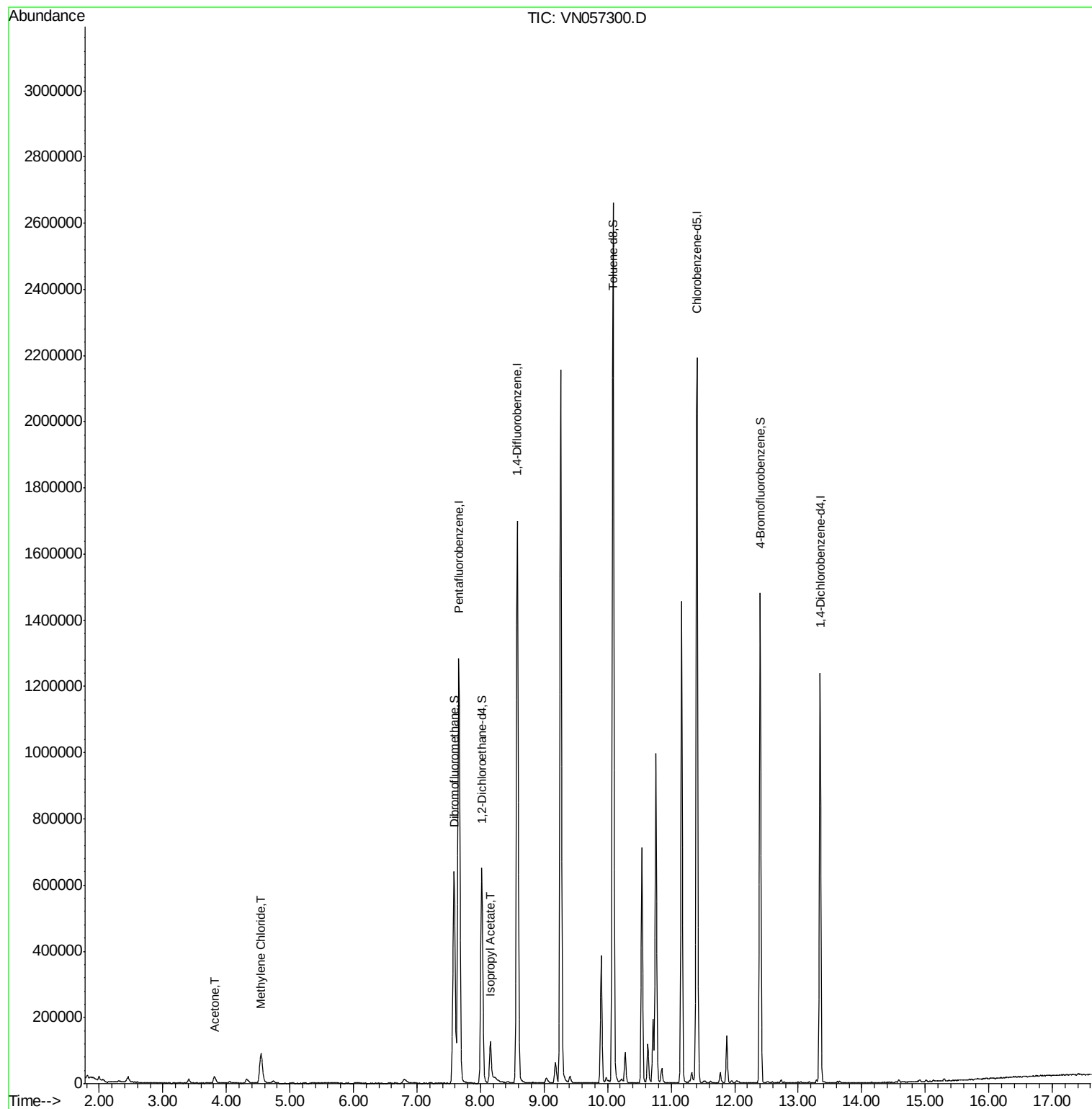
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1182688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1659465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1397408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	361124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	555246	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	7.58	113	503397	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	10.09	98	1950516	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	522929	37.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.38%	
Target Compounds						
16) Acetone	3.81	43	30478	6.833	ug/l	97
20) Methylene Chloride	4.54	84	75812	6.075	ug/l	96
43) Isopropyl Acetate	8.16	43	148757	5.206	ug/l	93

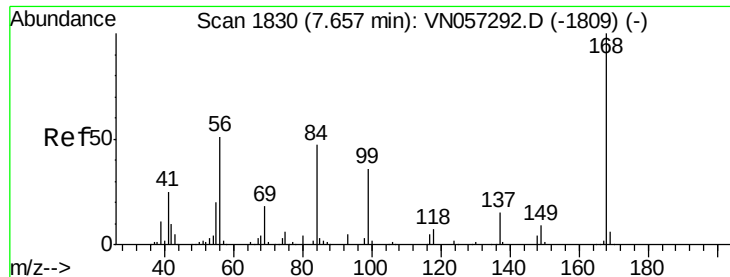
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1831

Delta R.T. 0.00 min

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Acq: 14 Aug 2019 21:06

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MSVOA_N

ClientSampleId :

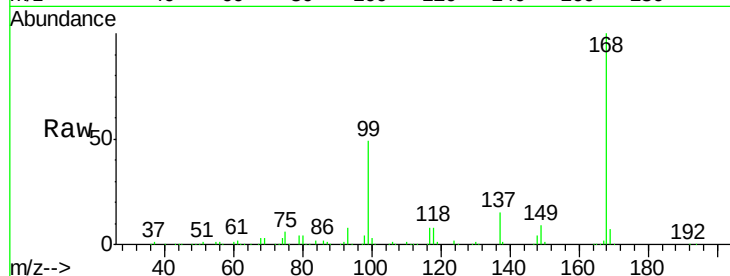
REACTOR-3-D-(3)

Tot Ion:168 Resp: 1182688

Ion Ratio Lower Upper

168 100

99 48.6 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

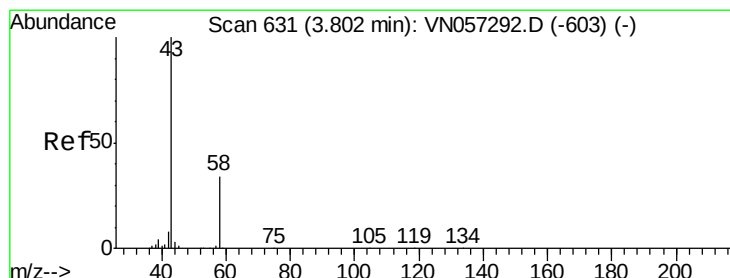
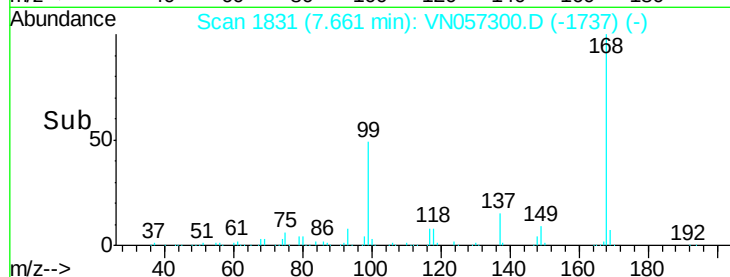
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.833 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057300.D

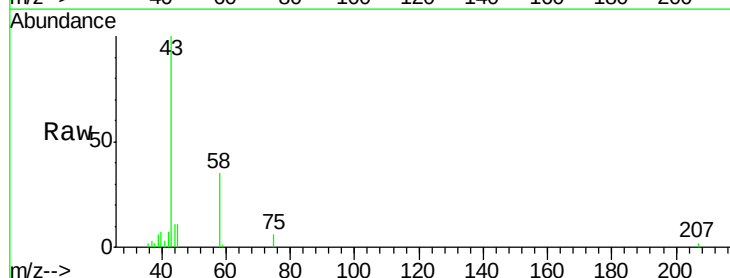
Acq: 14 Aug 2019 21:06

Tgt Ion: 43 Resp: 30478

Ion Ratio Lower Upper

43 100

58 35.5 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

12000

10000

8000

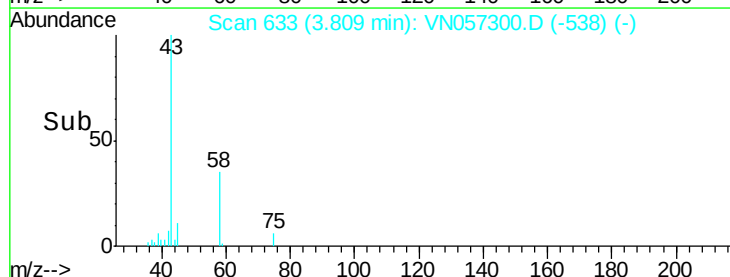
6000

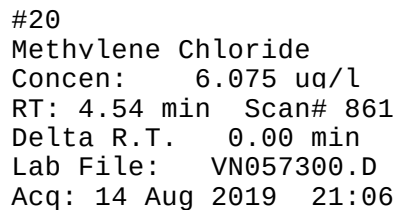
4000

2000

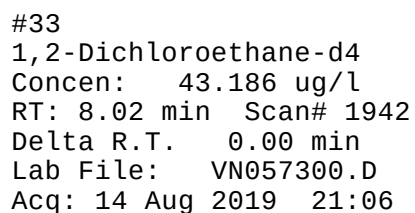
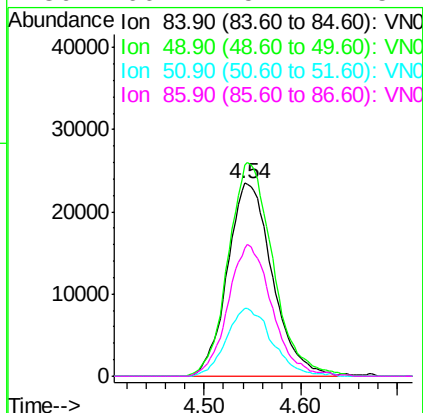
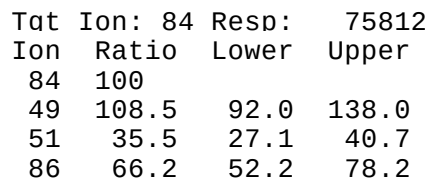
0

Time--> 3.75 3.80 3.85 3.90

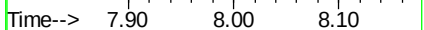
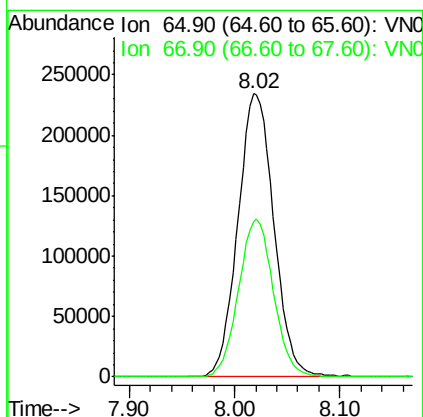


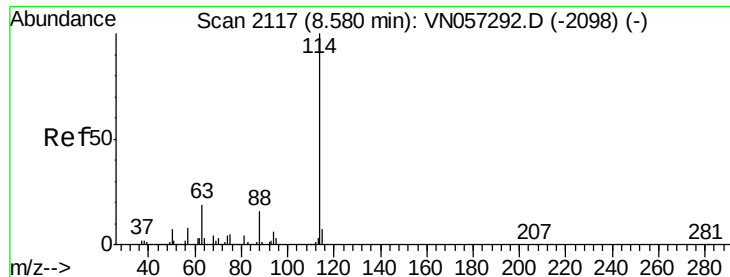


Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-D-(3)



Tgt	Ion: 65	Resp:	555246
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.4

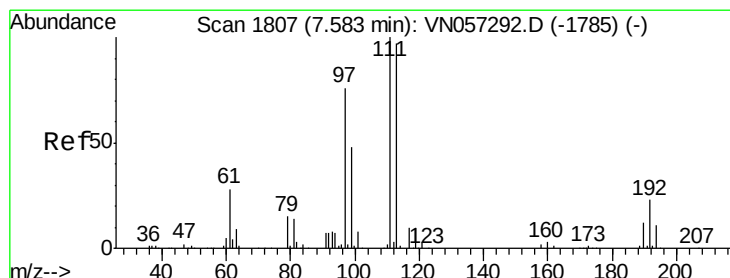
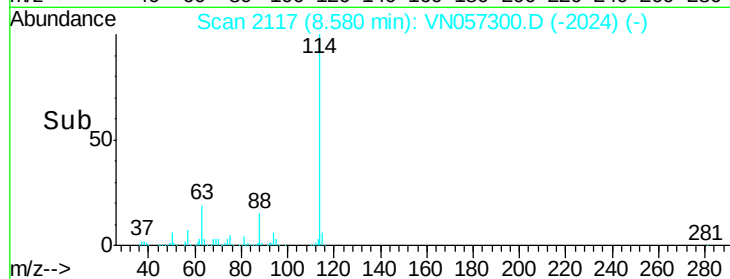
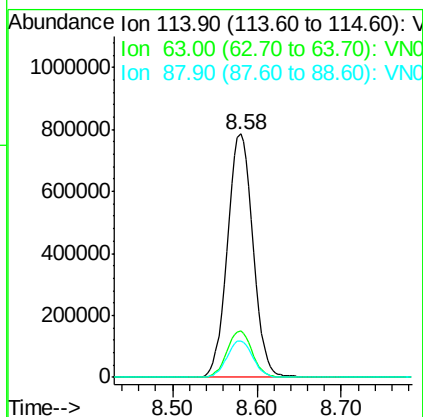
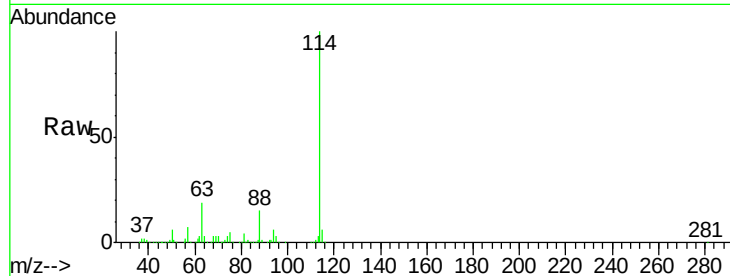




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057300.D
 Acq: 14 Aug 2019 21:06

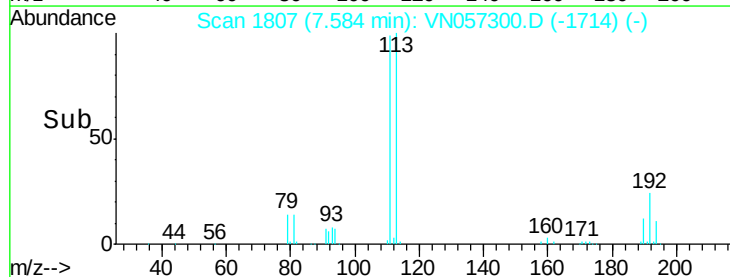
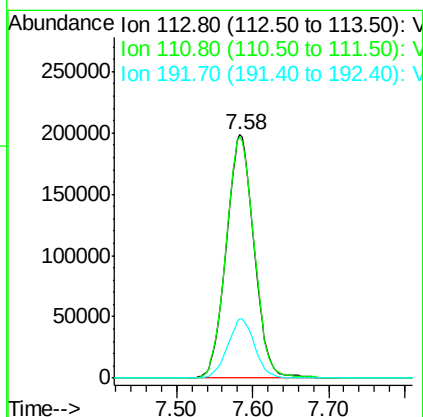
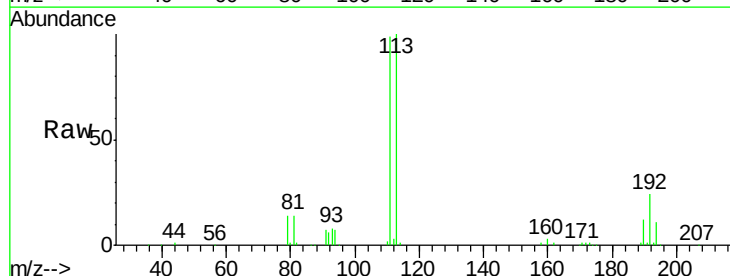
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-D-(3)

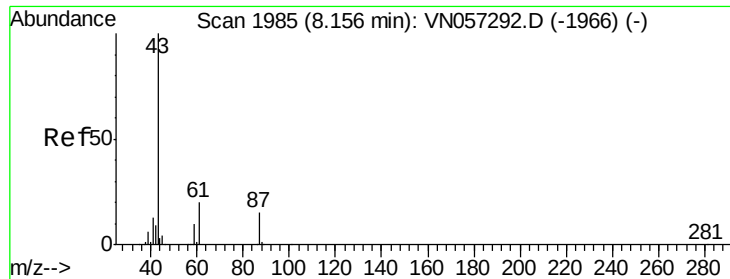
Tot Ion:114 Resp: 1659465
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.8
 88 15.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 46.276 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057300.D
 Acq: 14 Aug 2019 21:06

Tgt Ion:113 Resp: 503397
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.1 123.1
 192 23.8 19.3 28.9





#43

Isopropyl Acetate

Concen: 5.206 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057300.D

Acq: 14 Aug 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-D-(3)

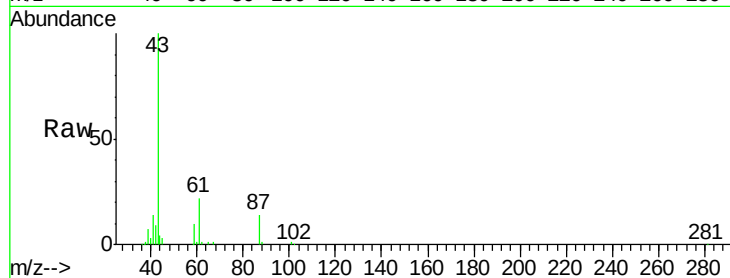
Tot Ion: 43 Resp: 148757

Ion Ratio Lower Upper

43 100

61 21.7 21.6 32.4

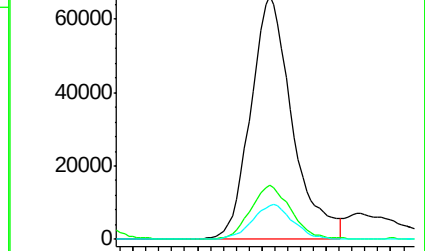
87 14.0 11.4 17.0



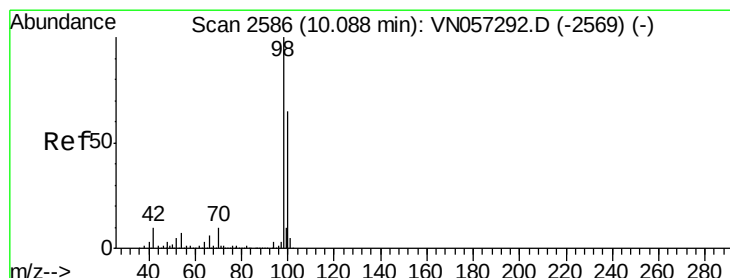
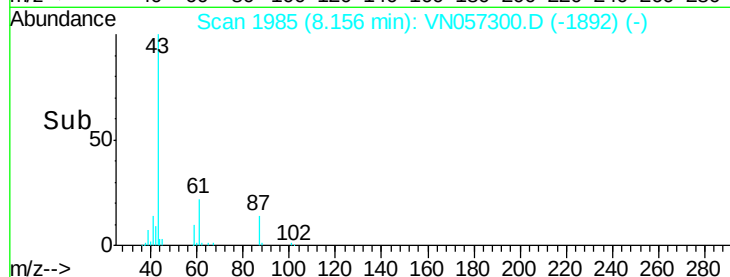
Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)



Time-->



#50

Toluene-d8

Concen: 49.024 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057300.D

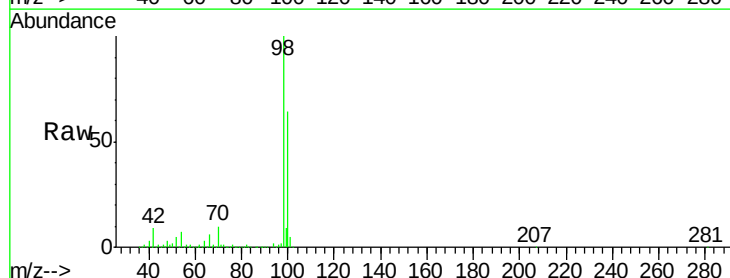
Acq: 14 Aug 2019 21:06

Tgt Ion: 98 Resp: 1950516

Ion Ratio Lower Upper

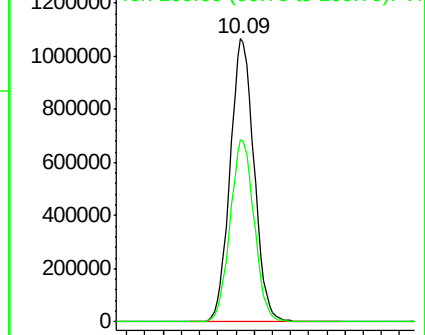
98 100

100 64.5 51.9 77.9

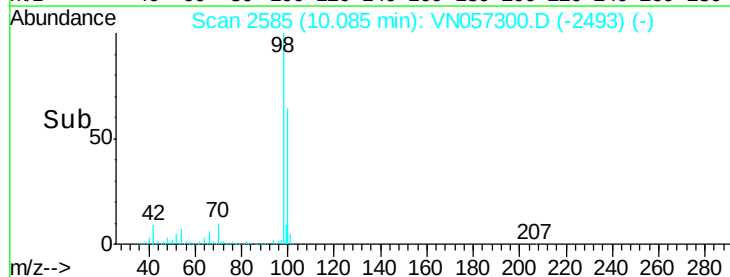


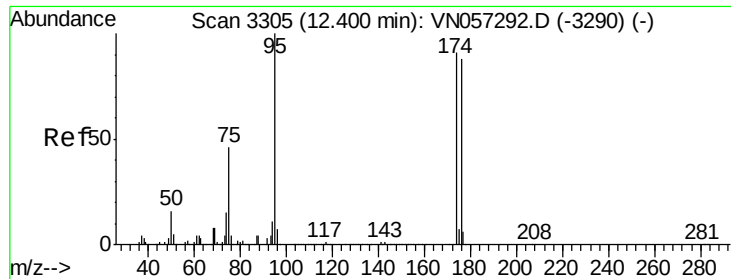
Abundance Ion 98.00 (97.70 to 98.70): VN057292.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057292.D (-2569) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 37.191 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057300.D

Acq: 14 Aug 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-D-(3)

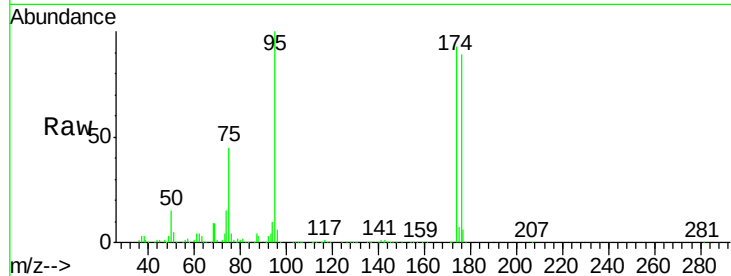
Tot Ion: 95 Resp: 522929

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.0

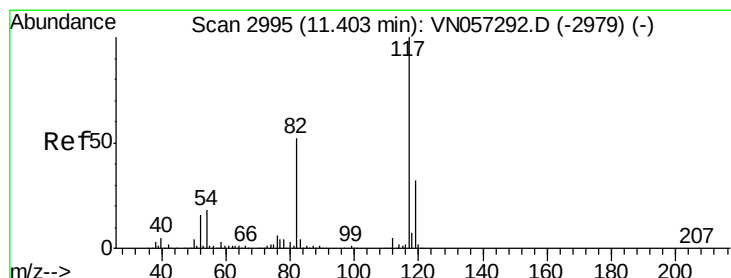
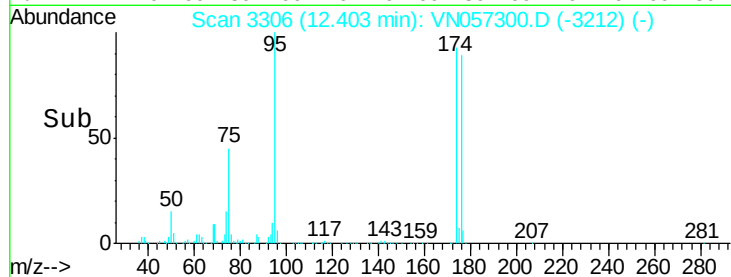
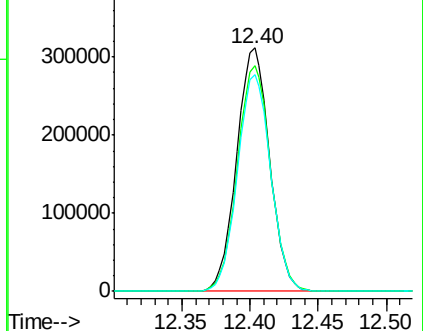
176 89.7 0.0 181.0



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: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057300.D

Acq: 14 Aug 2019 21:06

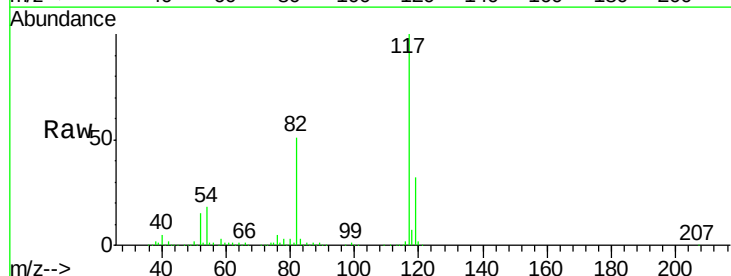
Tgt Ion: 117 Resp: 1397408

Ion Ratio Lower Upper

117 100

82 51.2 41.2 61.8

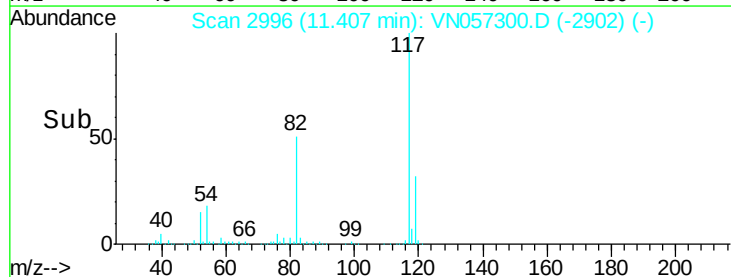
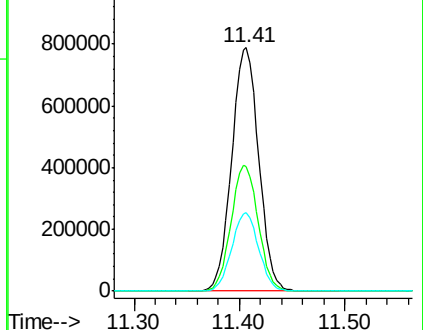
119 32.2 25.8 38.8

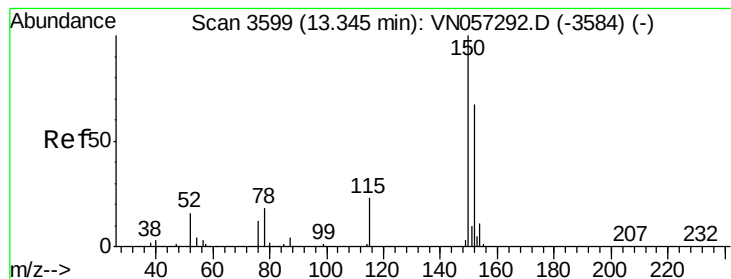


Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

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: VN057300.D

Acq: 14 Aug 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-D-(3)

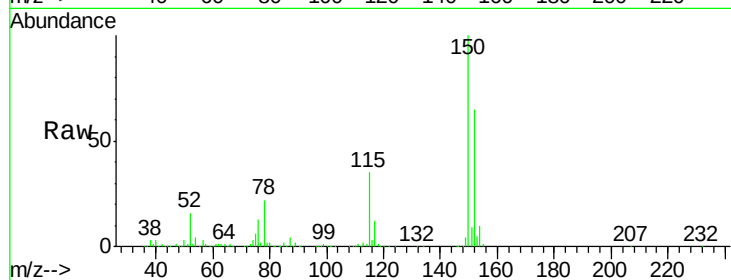
Tot Ion:152 Resp: 361124

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

150 157.3 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

