

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057329.D
 Acq On : 15 Aug 2019 14:15
 Operator : JC/SP
 Sample : K4264-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C1-(3)

Quant Time: Aug 16 02:15:36 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

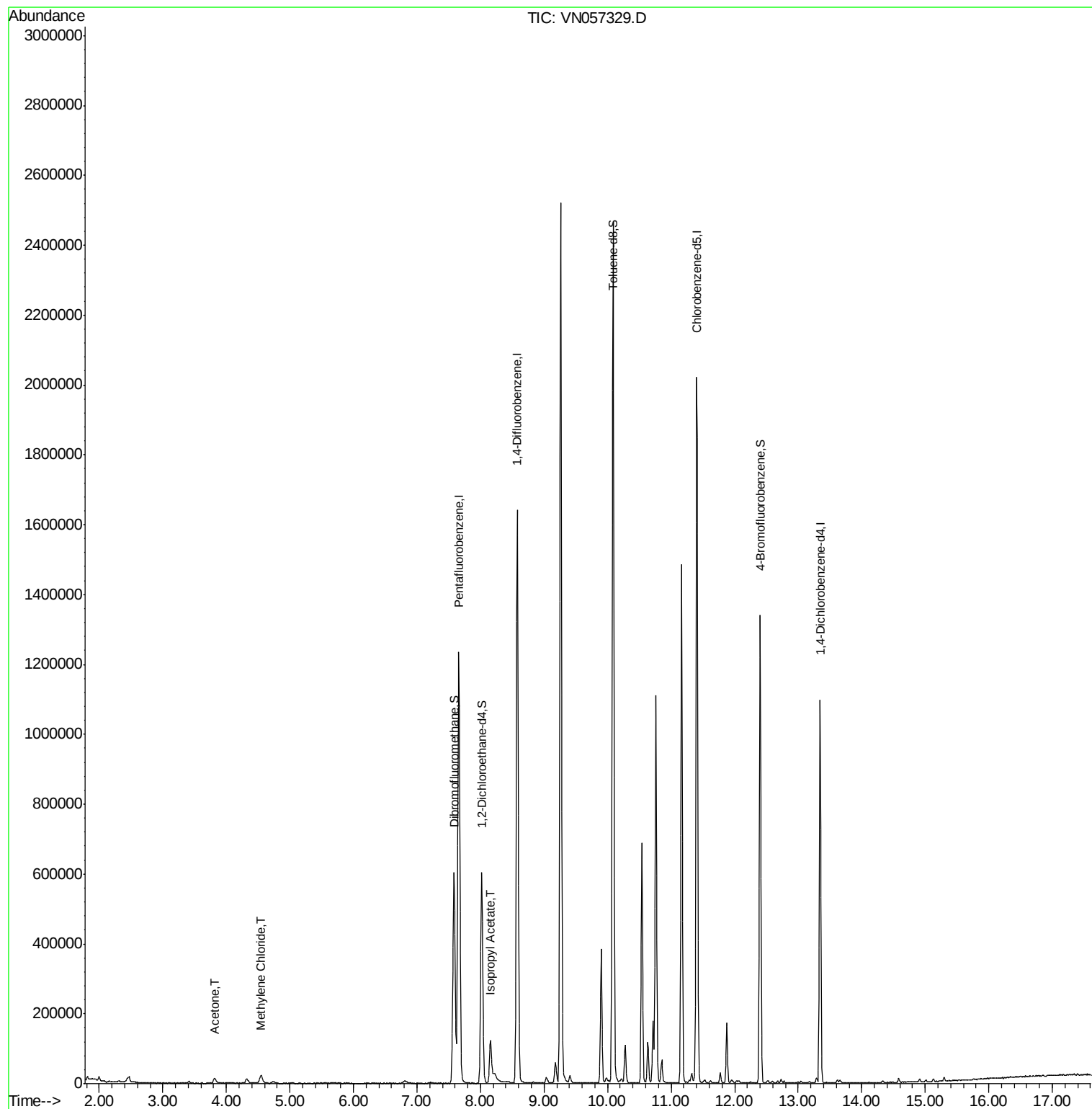
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1116526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1554483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1262941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	515690	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.98%	
35) Dibromofluoromethane	7.58	113	466728	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
50) Toluene-d8	10.08	98	1797846	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	460513	34.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.92%	
Target Compounds						
16) Acetone	3.81	43	23739	5.638	ug/l	97
20) Methylene Chloride	4.54	84	18673	1.585	ug/l	98
43) Isopropyl Acetate	8.16	43	155569	6.588	ug/l #	90

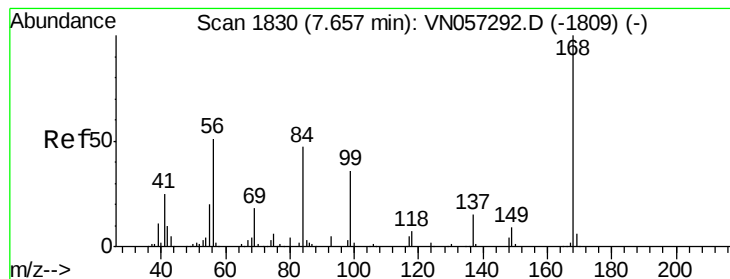
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081619\
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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: VN057329.D

Acq: 15 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

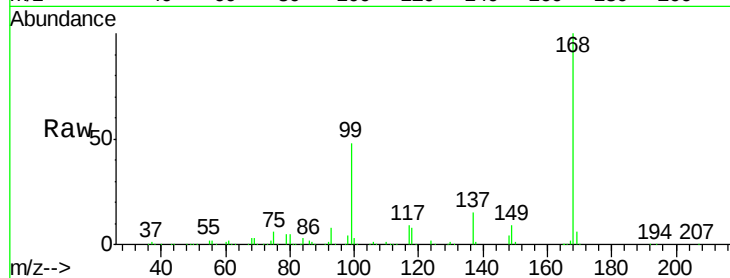
REACTOR-3-C1-(3)

Tot Ion:168 Resp: 1116526

Ion Ratio Lower Upper

168 100

99 47.6 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

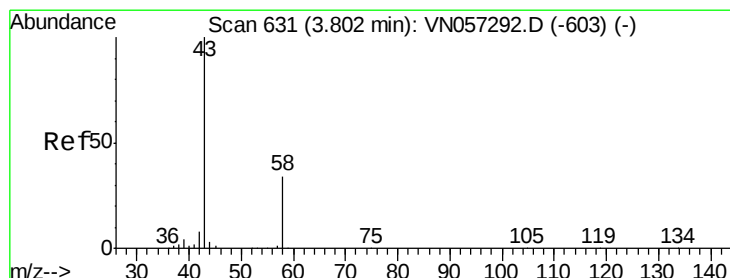
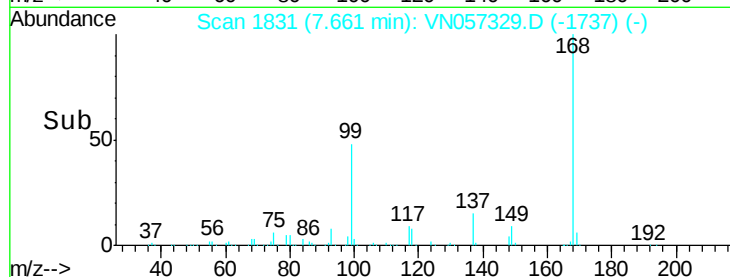
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.638 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057329.D

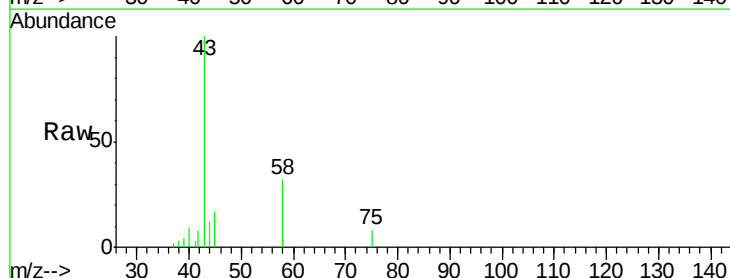
Acq: 15 Aug 2019 14:15

Tgt Ion: 43 Resp: 23739

Ion Ratio Lower Upper

43 100

58 32.1 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

8000

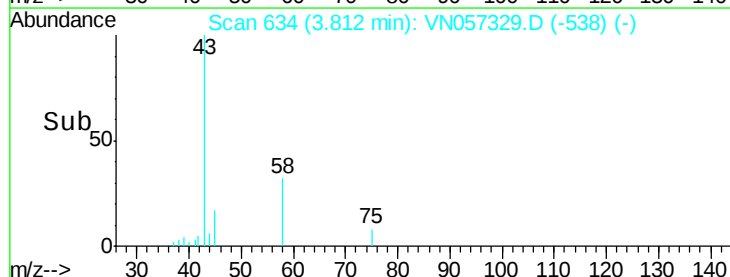
6000

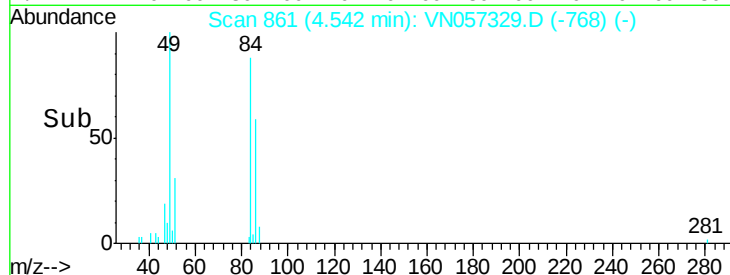
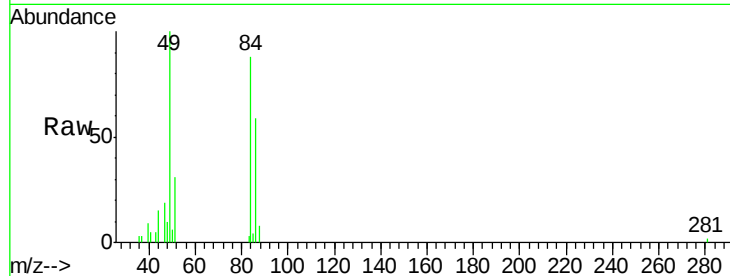
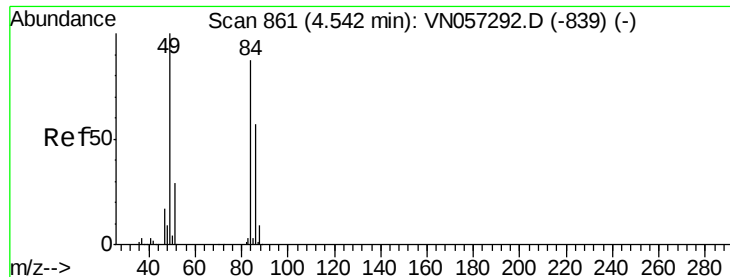
4000

2000

0

Time-->

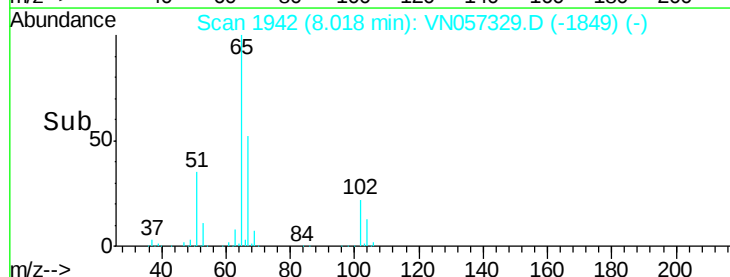
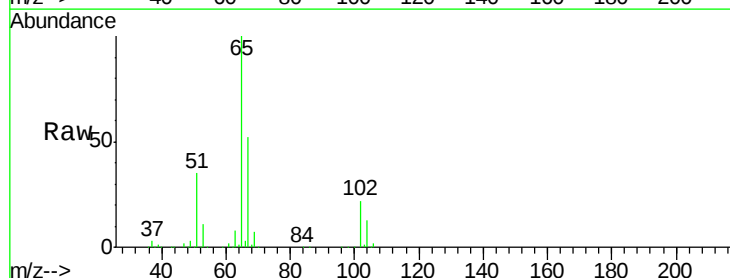
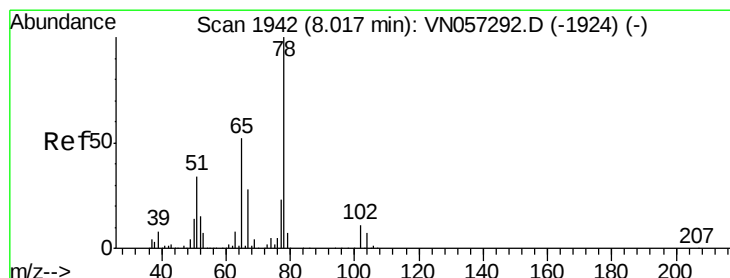
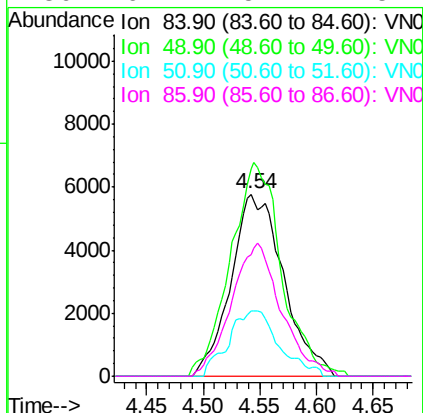




#20
Methylene Chloride
Concen: 1.585 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057329.D
Acq: 15 Aug 2019 14:15

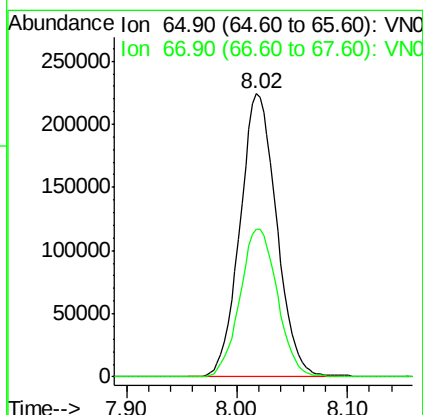
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C1-(3)

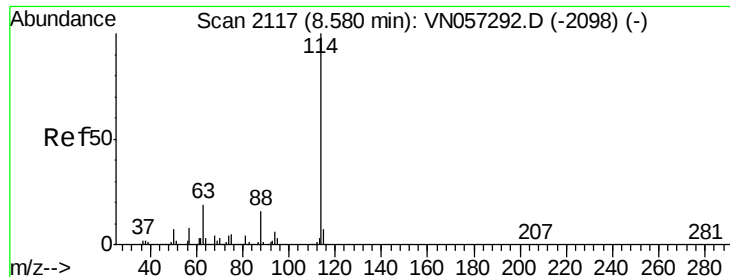
Tot Ion:	84	Resp:	18673
Ion	Ratio	Lower	Upper
84	100		
49	114.1	92.0	138.0
51	35.8	27.1	40.7
86	67.2	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 42.486 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057329.D
Acq: 15 Aug 2019 14:15

Tgt Ion:	65	Resp:	515690
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4

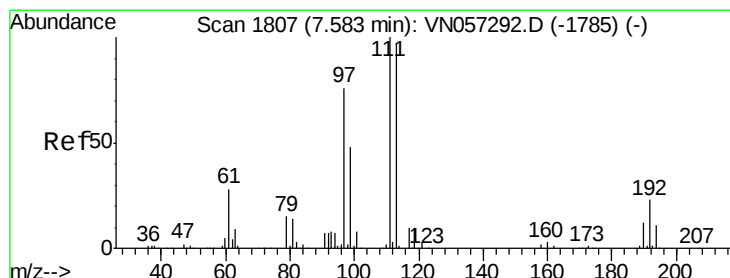
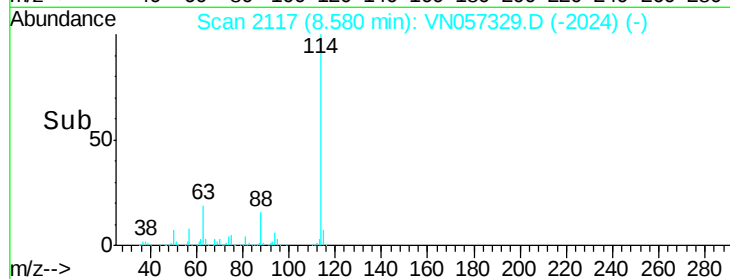
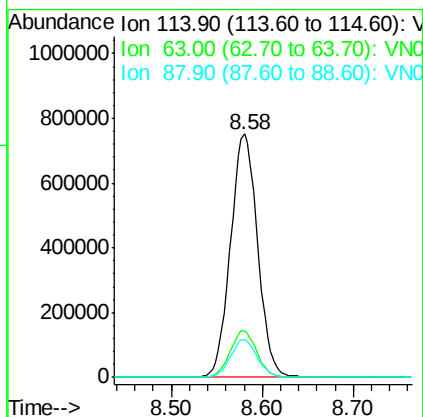
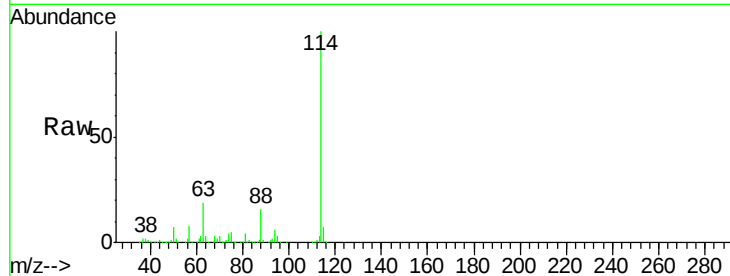




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057329.D
 Acq: 15 Aug 2019 14:15

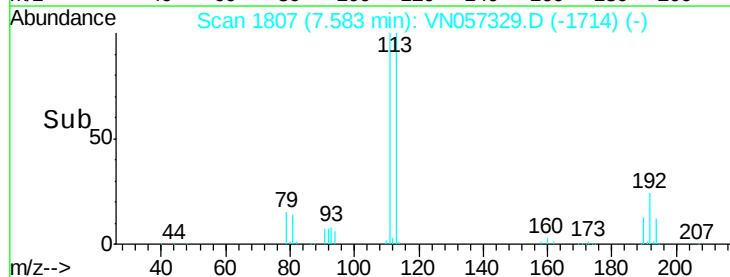
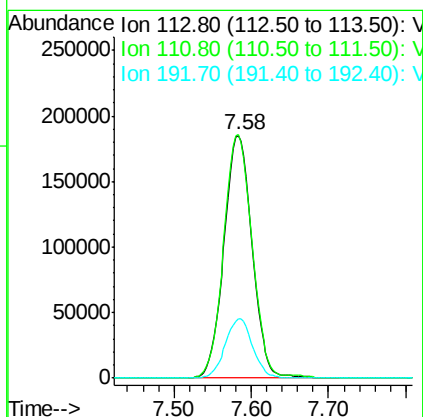
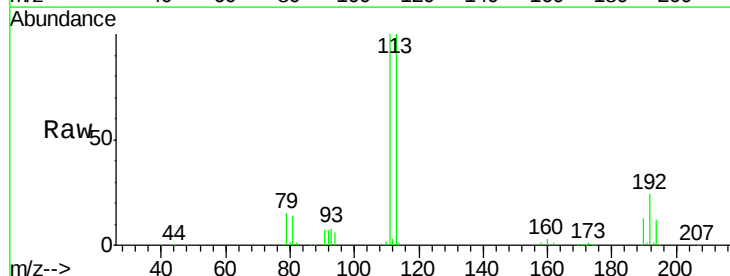
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C1-(3)

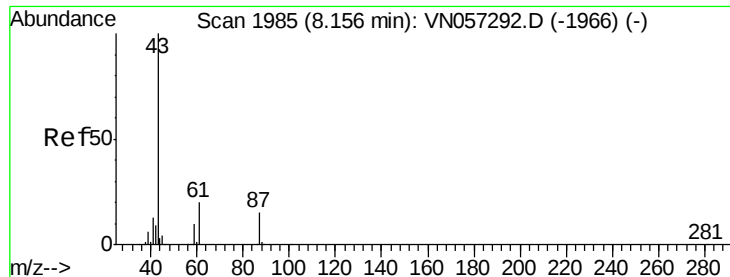
Tot Ion:114 Resp: 1554483
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.803 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057329.D
 Acq: 15 Aug 2019 14:15

Tgt Ion:113 Resp: 466728
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.1 123.1
 192 23.8 19.3 28.9





#43

Isopropyl Acetate

Concen: 6.588 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057329.D

Acq: 15 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C1-(3)

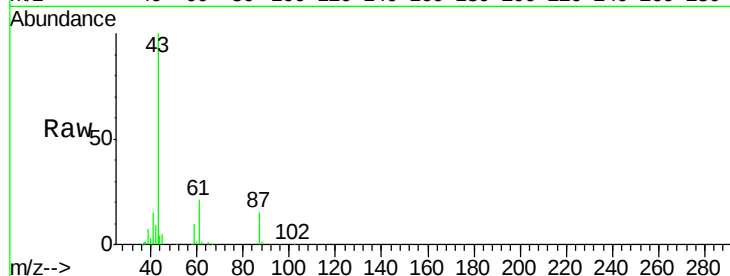
Tot Ion: 43 Resp: 155569

Ion Ratio Lower Upper

43 100

61 19.6 21.6 32.4#

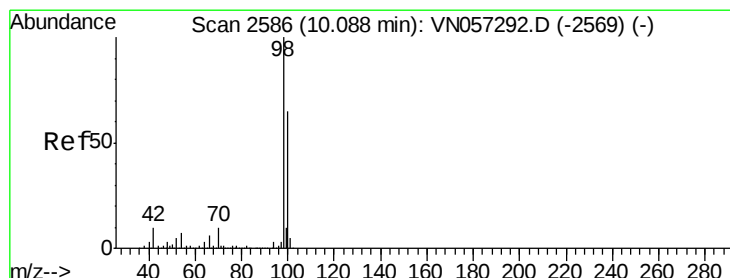
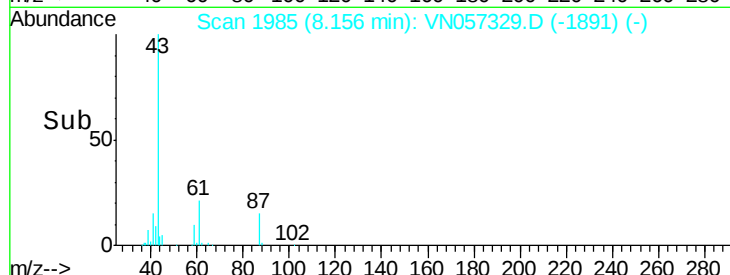
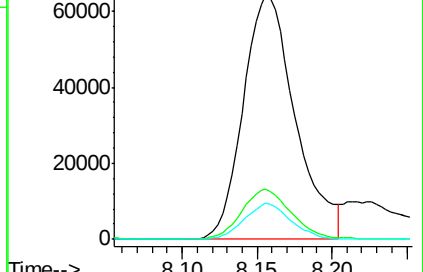
87 13.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN057329.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057329.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057329.D (-1966) (-)



#50

Toluene-d8

Concen: 48.238 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057329.D

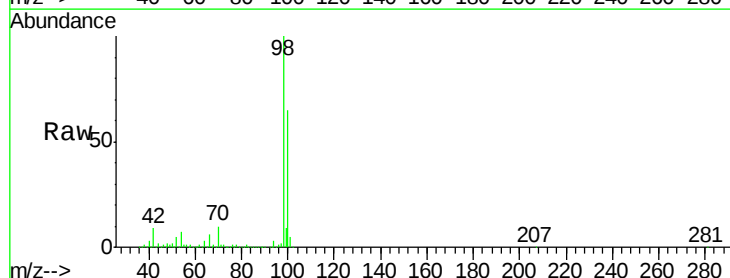
Acq: 15 Aug 2019 14:15

Tgt Ion: 98 Resp: 1797846

Ion Ratio Lower Upper

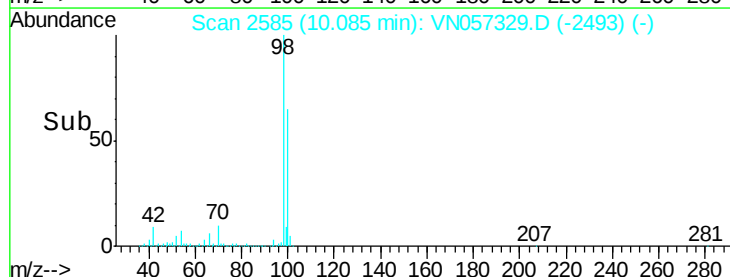
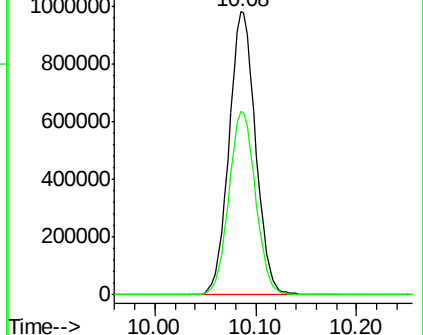
98 100

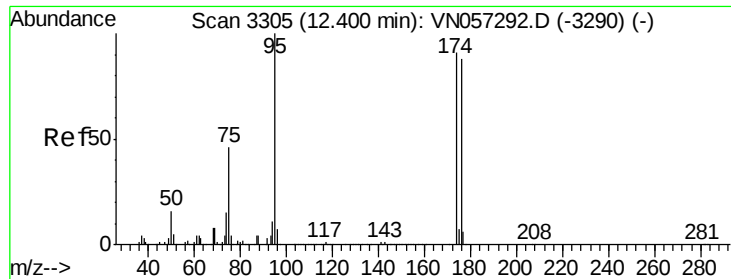
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057329.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057329.D (-2569) (-)

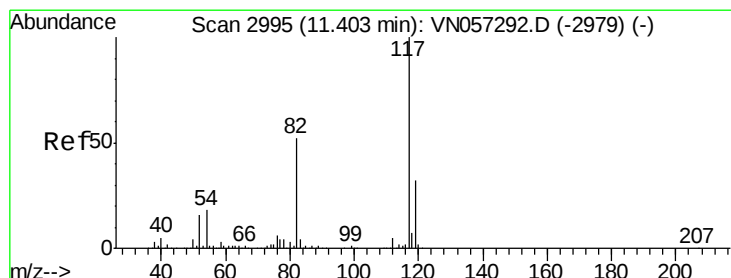
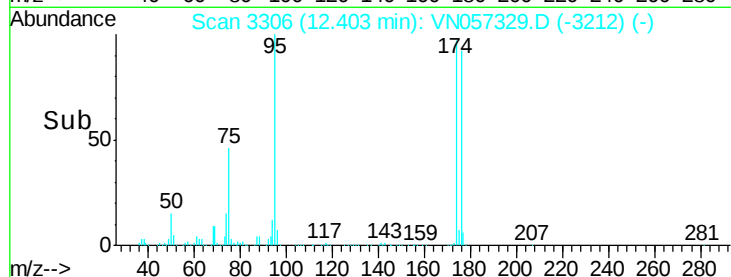
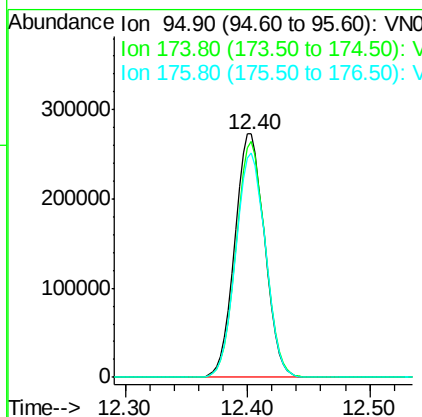
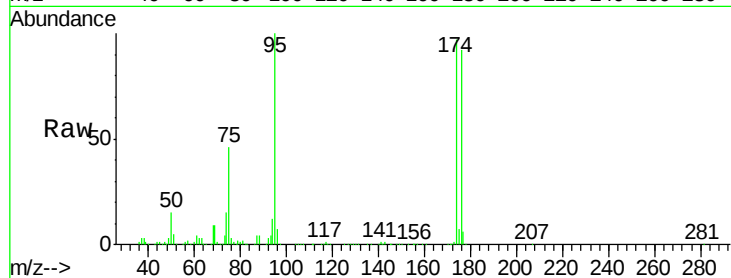




#62
4-Bromofluorobenzene
Concen: 34.964 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057329.D
Acq: 15 Aug 2019 14:15

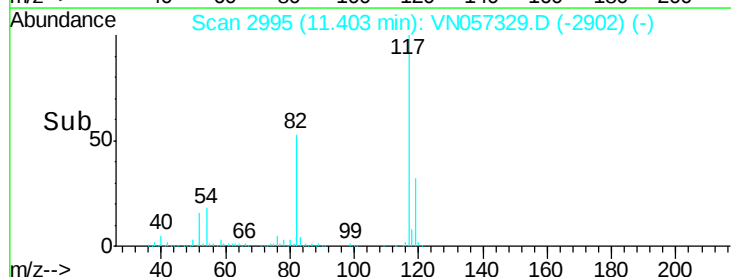
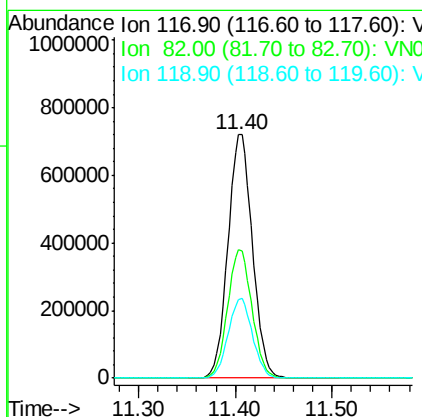
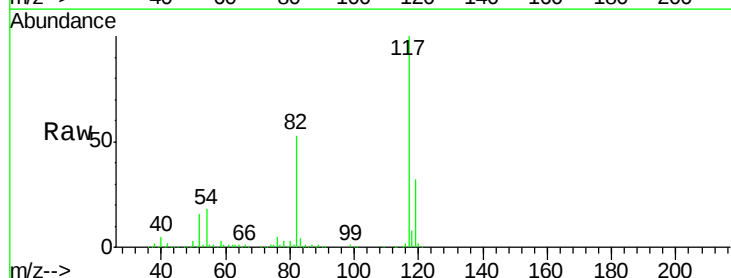
Instrument :
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ClientSampleId :
REACTOR-3-C1-(3)

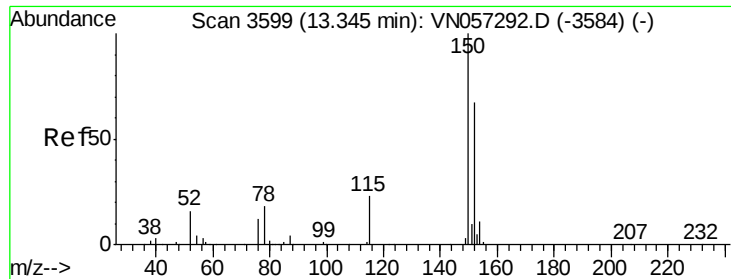
Tot Ion: 95 Resp: 460513
Ion Ratio Lower Upper
95 100
174 94.7 0.0 185.0
176 92.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057329.D
Acq: 15 Aug 2019 14:15

Tgt Ion: 117 Resp: 1262941
Ion Ratio Lower Upper
117 100
82 52.8 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: VN057329.D

Acq: 15 Aug 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C1-(3)

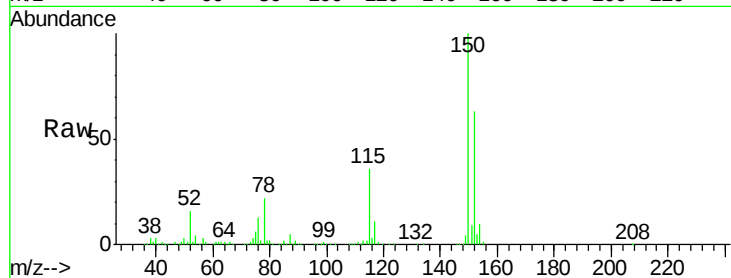
Tot Ion:152 Resp: 321532

Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

150 156.3 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

