

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057313.D
 Acq On : 15 Aug 2019 2:22
 Operator : JC/SP
 Sample : K4231-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Aug 15 09:12:33 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

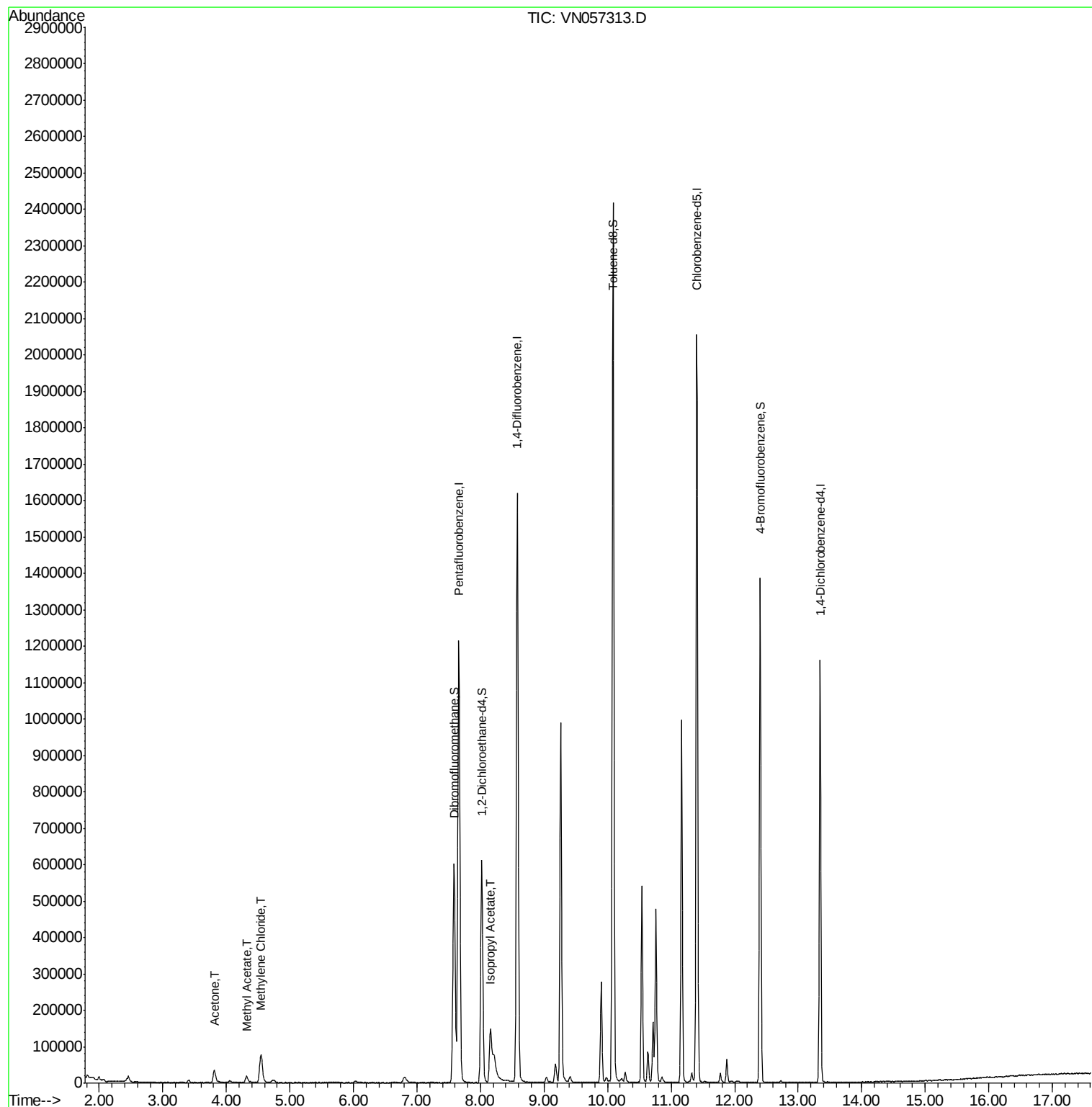
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1103441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1553332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1286734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	340740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	522425	43.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.10%	
35) Dibromofluoromethane	7.58	113	467693	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
50) Toluene-d8	10.08	98	1803492	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.40	95	484175	36.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.58%	
Target Compounds						
16) Acetone	3.80	43	58757	14.120	ug/l	93
18) Methyl Acetate	4.32	43	34723	0.739	ug/l	96
20) Methylene Chloride	4.54	84	64010	5.498	ug/l	98
43) Isopropyl Acetate	8.16	43	191600	7.828	ug/l #	78

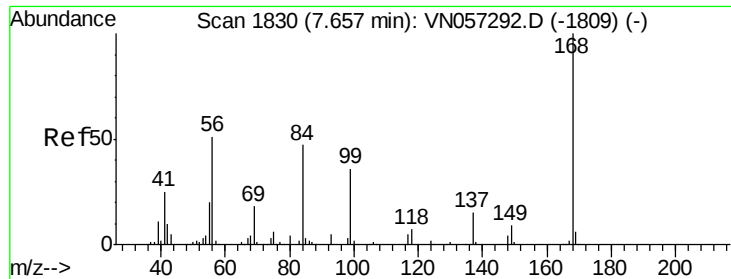
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081519\
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REACTOR-3-B-(2)

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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# 1831

Delta R.T. 0.00 min

Lab File: VN057313.D

Acq: 15 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

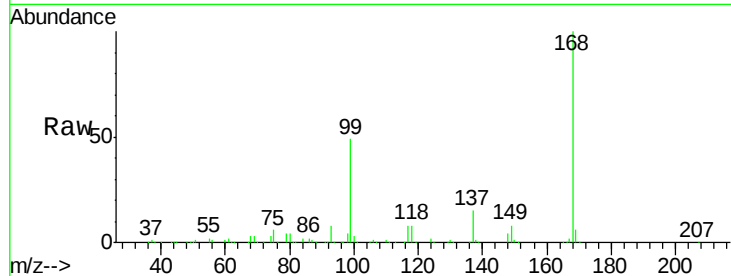
REACTOR-3-B-(2)

Tot Ion:168 Resp: 1103441

Ion Ratio Lower Upper

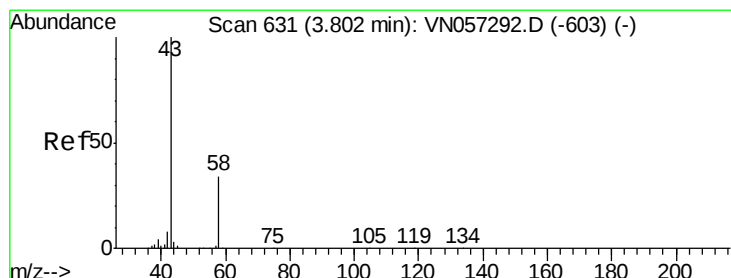
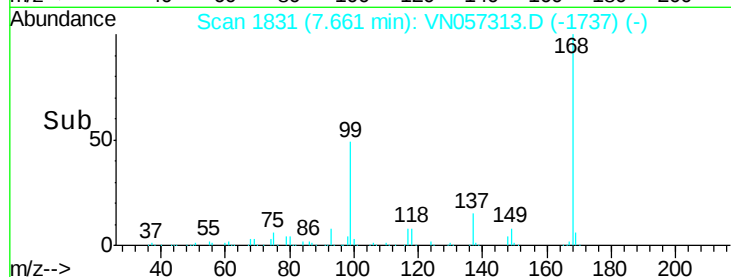
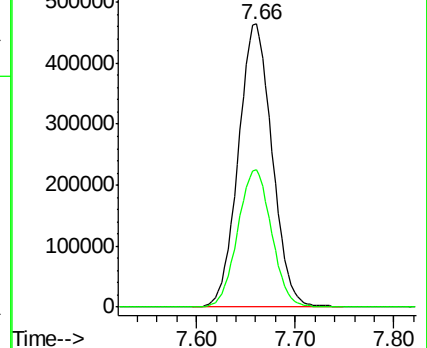
168 100

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



#16

Acetone

Concen: 14.120 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057313.D

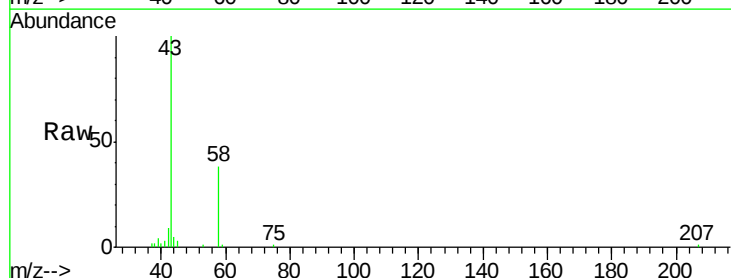
Acq: 15 Aug 2019 2:22

Tgt Ion: 43 Resp: 58757

Ion Ratio Lower Upper

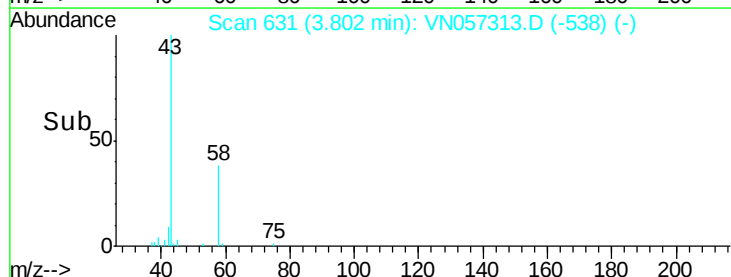
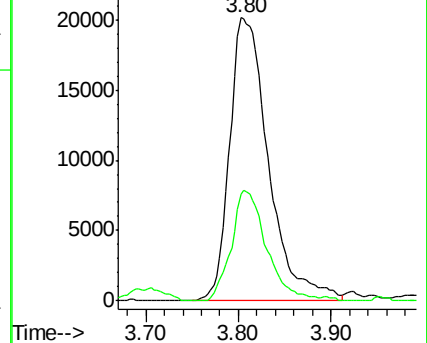
43 100

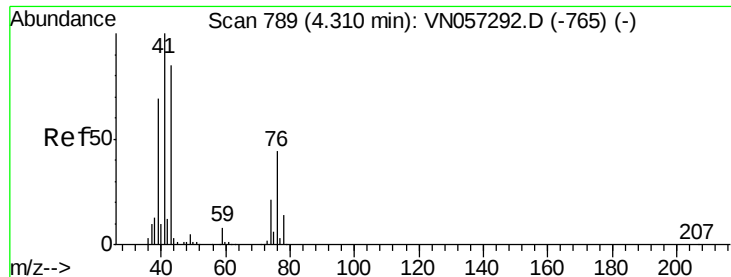
58 37.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

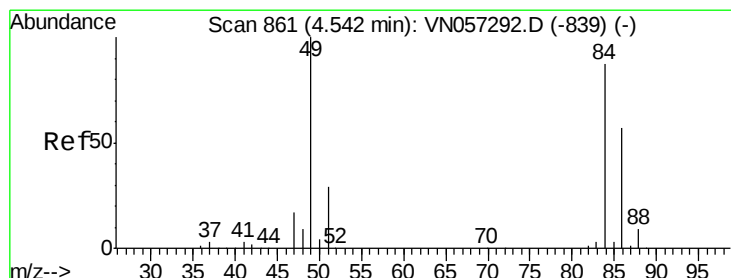
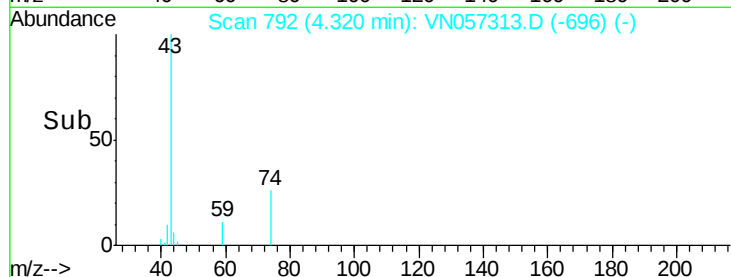
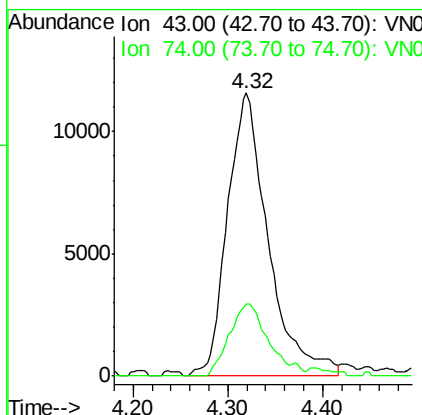
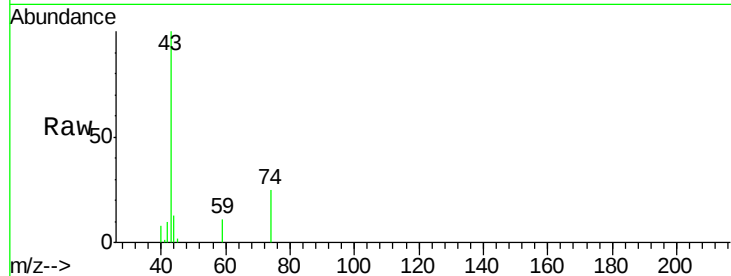




#18
Methyl Acetate
Concen: 0.739 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057313.D
Acq: 15 Aug 2019 2:22

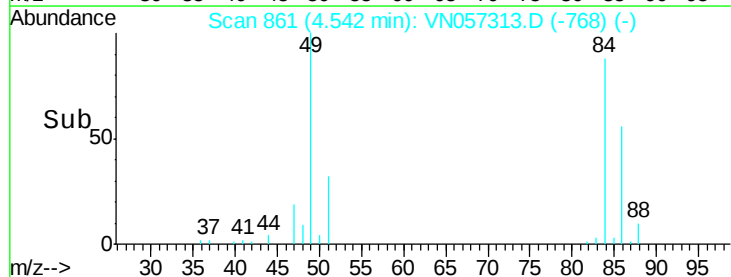
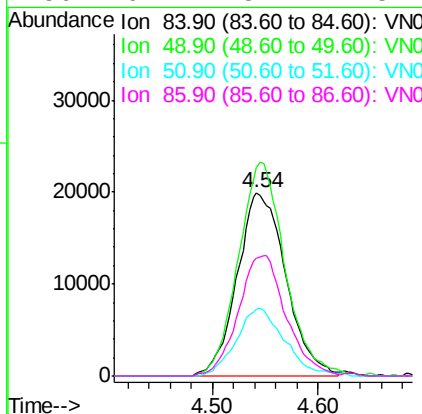
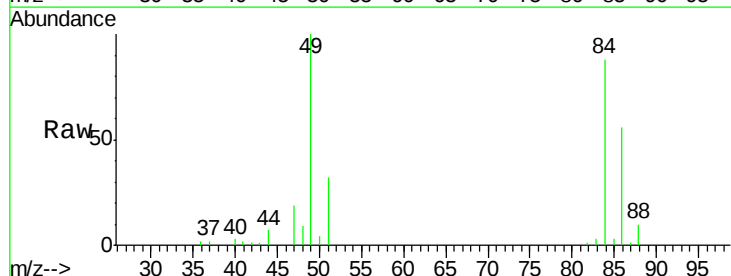
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-B-(2)

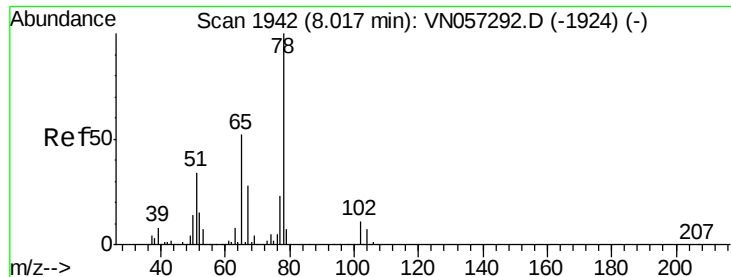
Tot Ion: 43 Resp: 34723
Ion Ratio Lower Upper
43 100
74 23.4 20.2 30.2



#20
Methylene Chloride
Concen: 5.498 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057313.D
Acq: 15 Aug 2019 2:22

Tgt Ion: 84 Resp: 64010
Ion Ratio Lower Upper
84 100
49 113.6 92.0 138.0
51 36.2 27.1 40.7
86 64.1 52.2 78.2

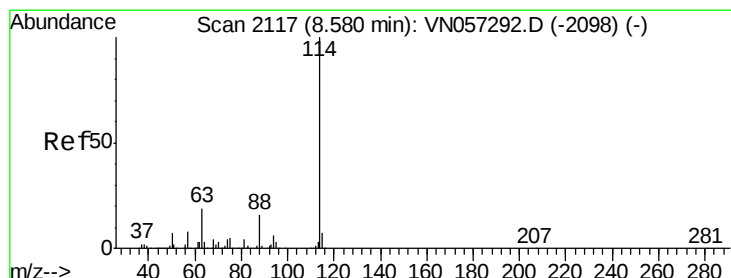
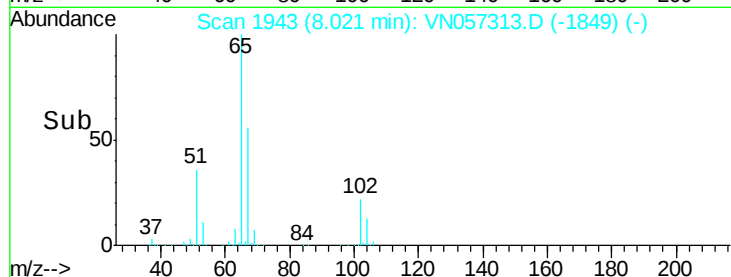
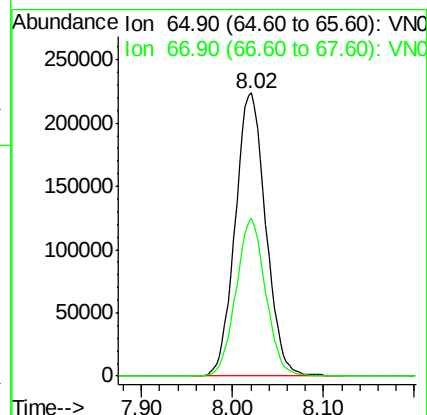
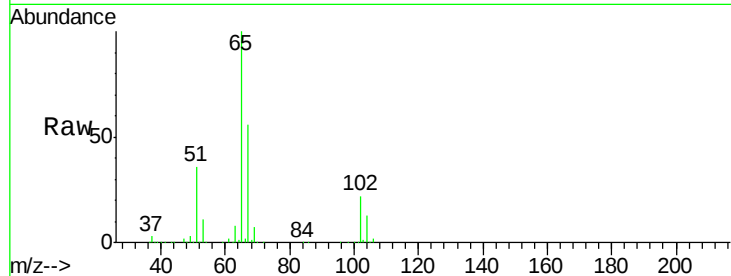




#33
 1,2-Dichloroethane-d4
 Concen: 43.551 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057313.D
 Acq: 15 Aug 2019 2:22

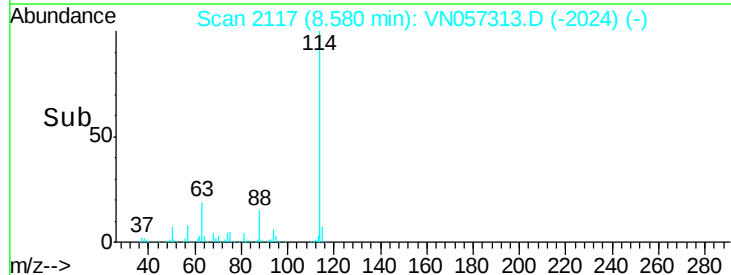
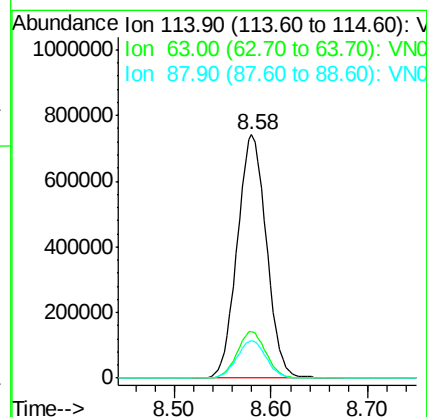
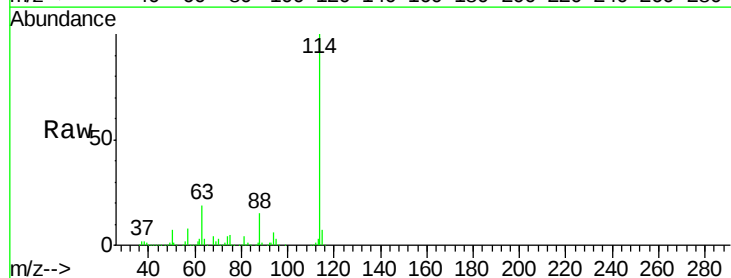
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-B-(2)

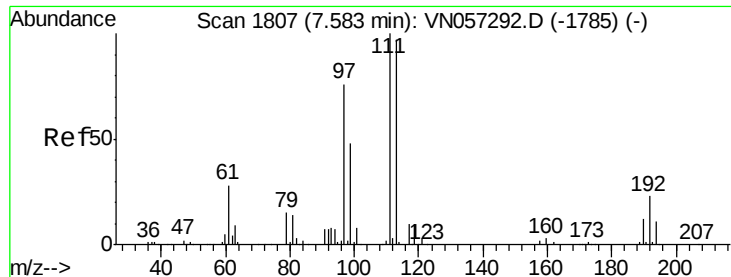
Tot Ion: 65 Resp: 522425
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057313.D
 Acq: 15 Aug 2019 2:22

Tgt Ion: 114 Resp: 1553332
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 15.5 0.0 31.4

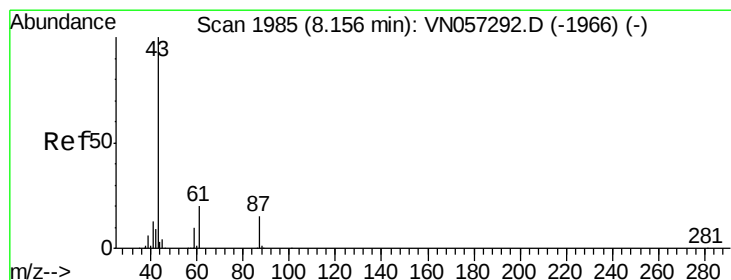
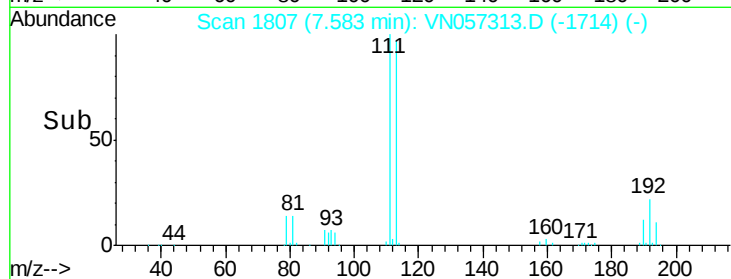
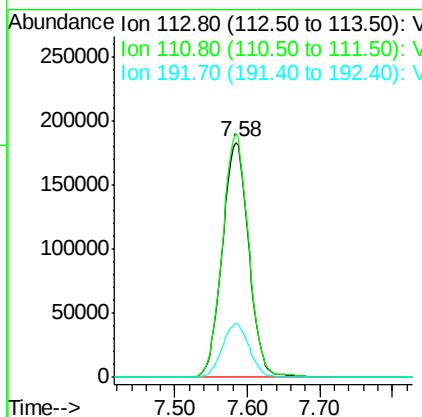
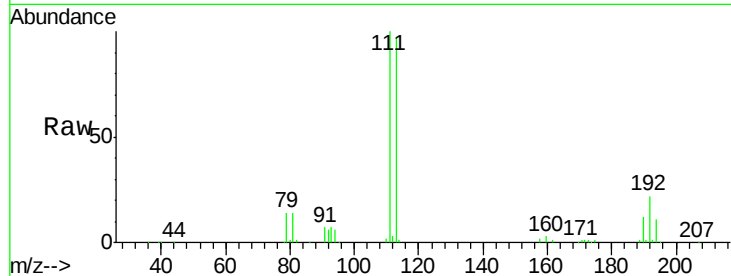




#35
 Dibromofluoromethane
 Concen: 45.932 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057313.D
 Acq: 15 Aug 2019 2:22

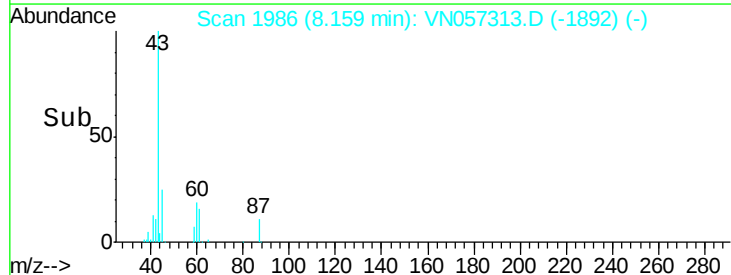
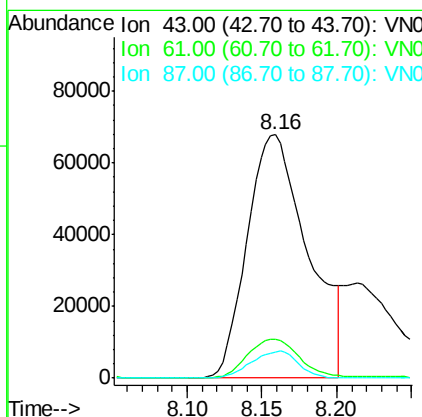
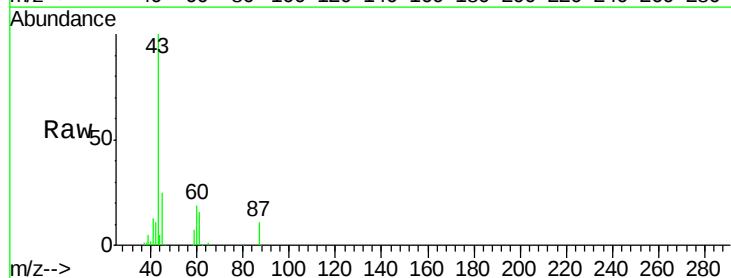
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-B-(2)

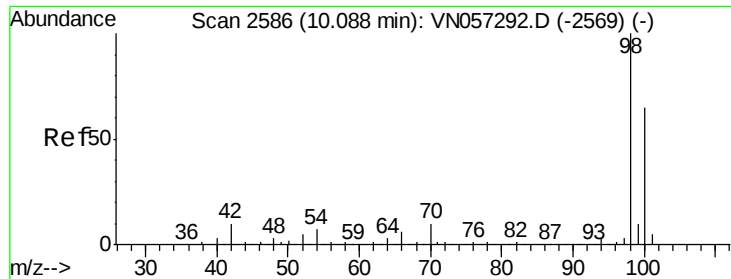
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	23.1	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 7.828 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057313.D
 Acq: 15 Aug 2019 2:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	21.6	32.4#
87	8.5	11.4	17.0#





#50

Toluene-d8

Concen: 48.426 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057313.D

Acq: 15 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

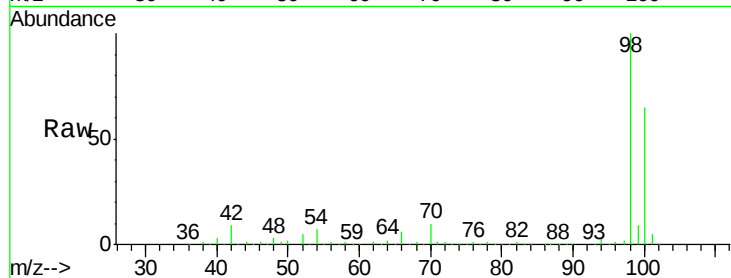
REACTOR-3-B-(2)

Tot Ion: 98 Resp: 1803492

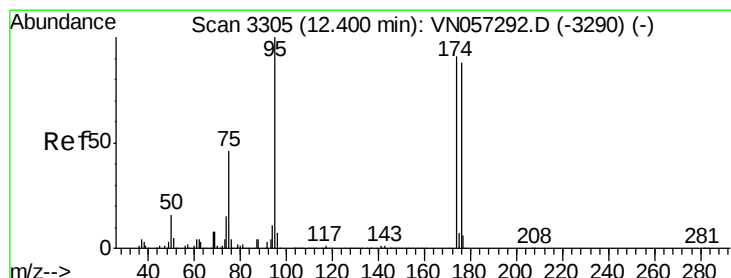
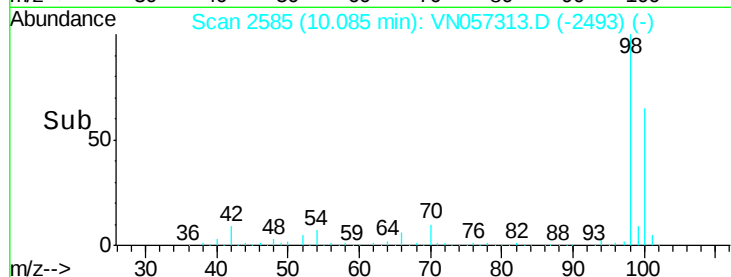
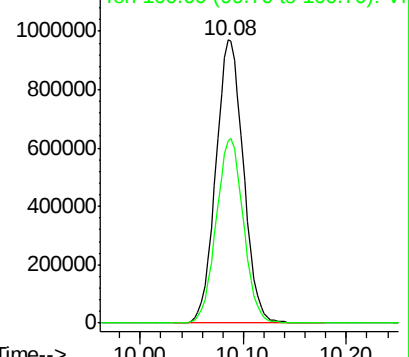
Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



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



#62

4-Bromofluorobenzene

Concen: 36.788 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057313.D

Acq: 15 Aug 2019 2:22

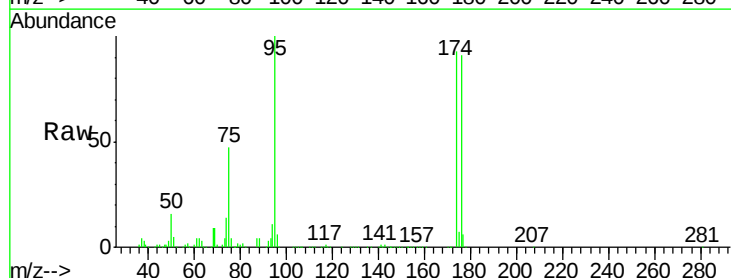
Tgt Ion: 95 Resp: 484175

Ion Ratio Lower Upper

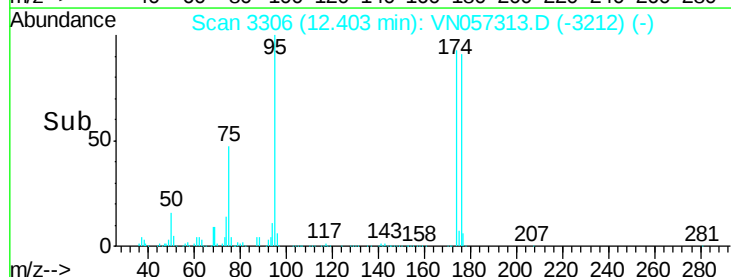
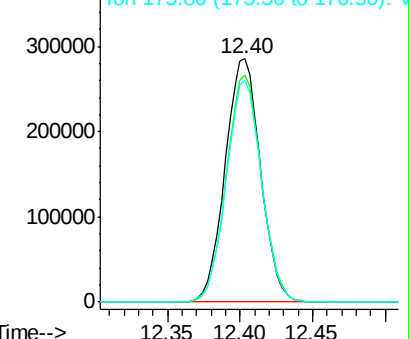
95 100

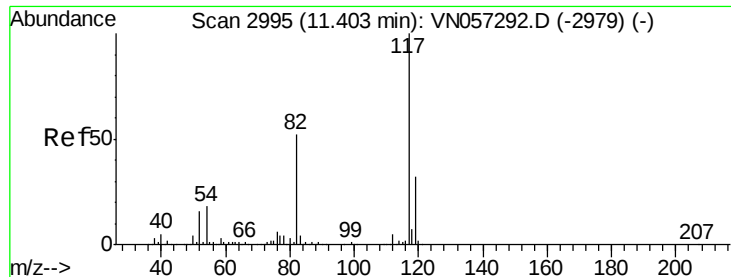
174 92.9 0.0 185.0

176 91.0 0.0 181.0



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

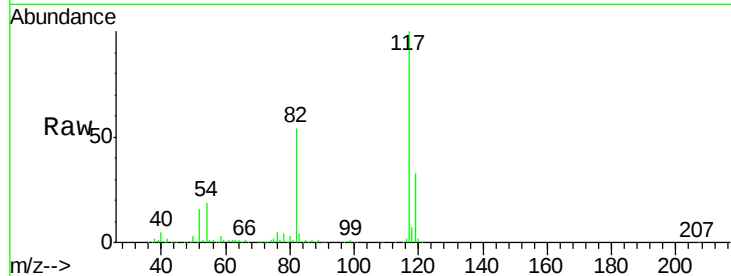




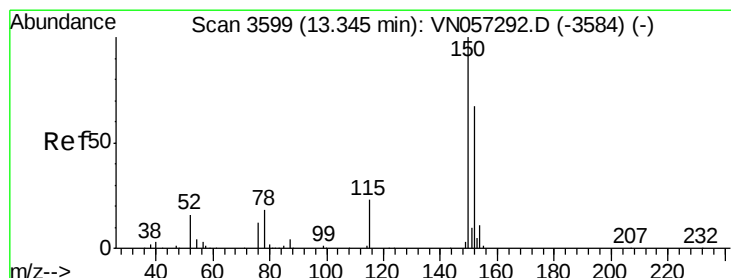
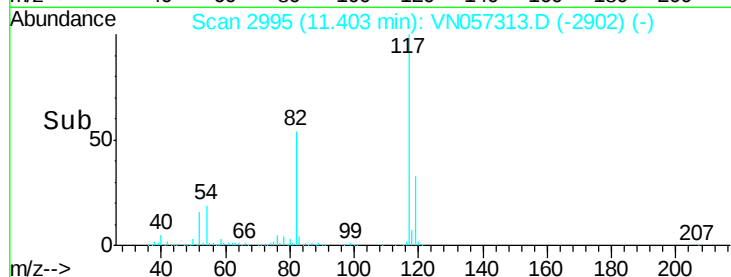
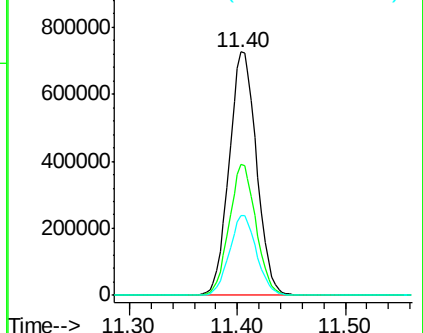
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057313.D
Acq: 15 Aug 2019 2:22

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

Tot Ion:117 Resp: 1286734
Ion Ratio Lower Upper
117 100
82 53.6 41.2 61.8
119 32.8 25.8 38.8

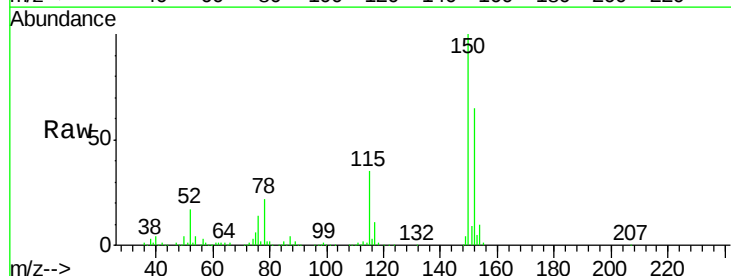


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057313.D
Acq: 15 Aug 2019 2:22

Tgt Ion:152 Resp: 340740
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 156.6 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

