

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057330.D
 Acq On : 15 Aug 2019 14:39
 Operator : JC/SP
 Sample : K4264-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C2-(3)

Manual Integrations
 APPROVED

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 8/19/2019 1:54:07 AM

Quant Time: Aug 16 02:17:42 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	1097815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1545314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1302935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	343162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	521298	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
35) Dibromofluoromethane	7.58	113	461085	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
50) Toluene-d8	10.09	98	1798296	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	489566	37.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.78%	
Target Compounds						
16) Acetone	3.81	43	45446	10.977	ug/l	97
20) Methylene Chloride	4.55	84	16299	1.407	ug/l	90
43) Isopropyl Acetate	8.16	43	158999m	6.806	ug/l	

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

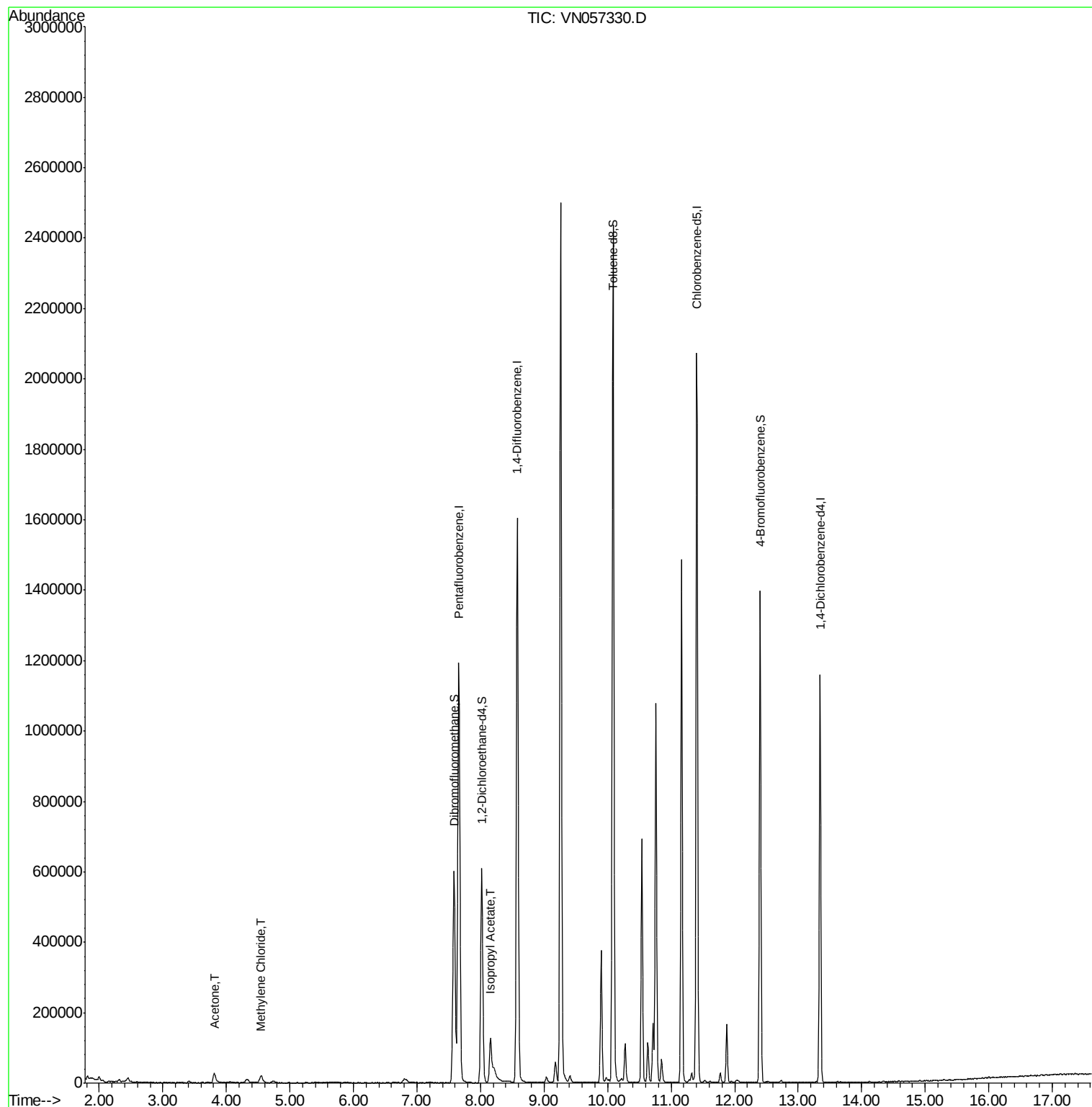
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081619\
Data File : VN057330.D
Acq On : 15 Aug 2019 14:39
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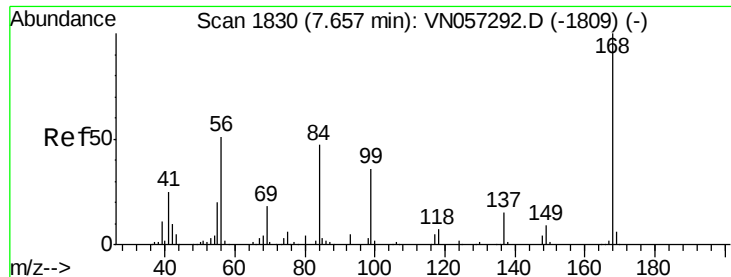
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C2-(3)

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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: VN057330.D

Acq: 15 Aug 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C2-(3)

Tot Ion:168 Resp: 1097815

Ion Ratio Lower Upper

168 100

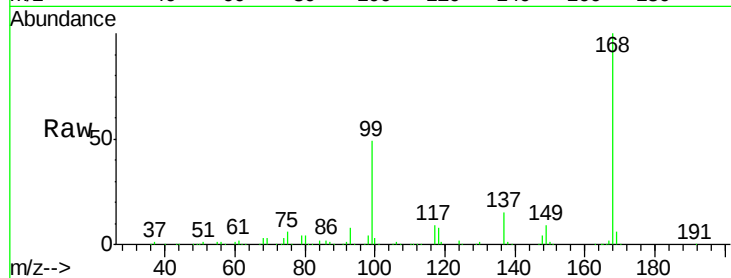
99 48.8 39.4 59.2

Manual Integrations

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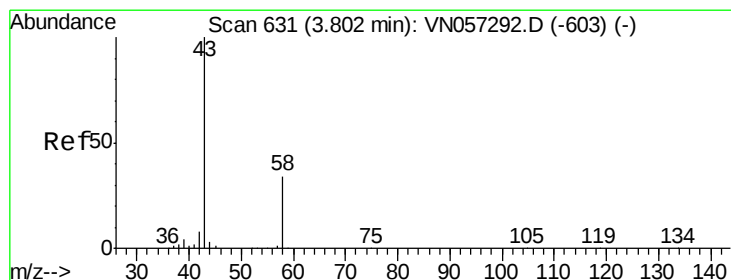
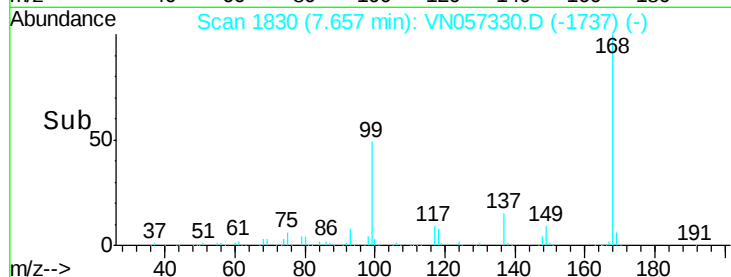
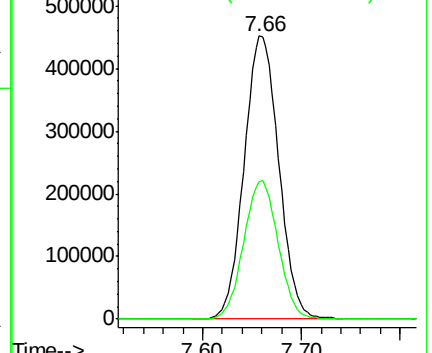
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 10.977 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057330.D

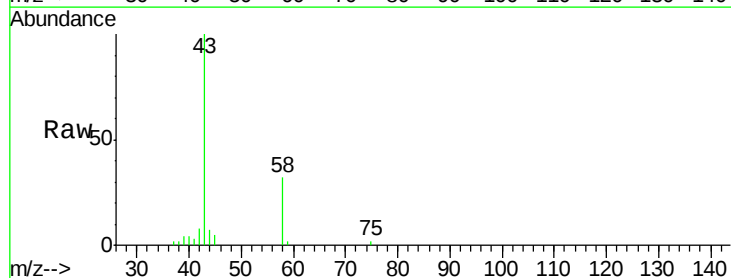
Acq: 15 Aug 2019 14:39

Tgt Ion: 43 Resp: 45446

Ion Ratio Lower Upper

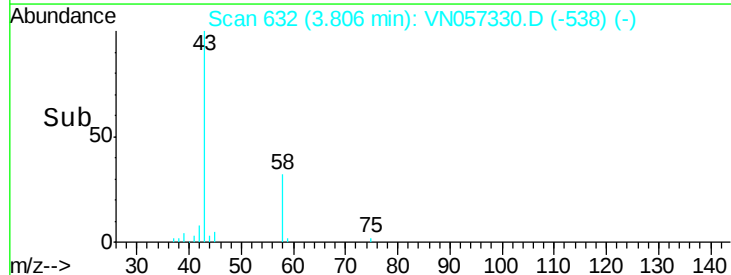
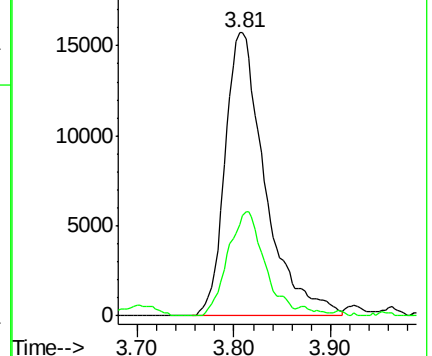
43 100

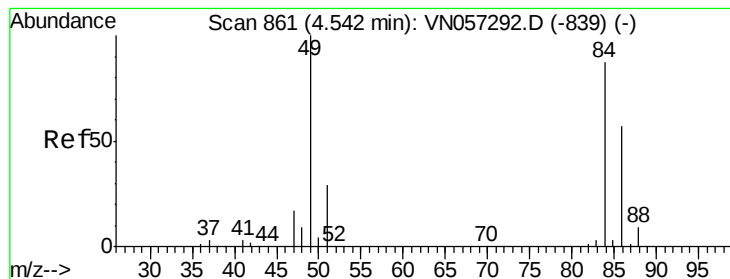
58 32.3 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.407 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057330.D

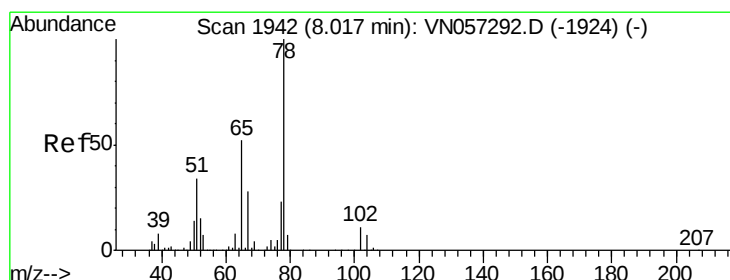
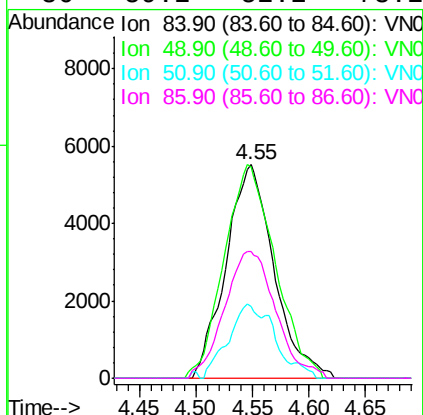
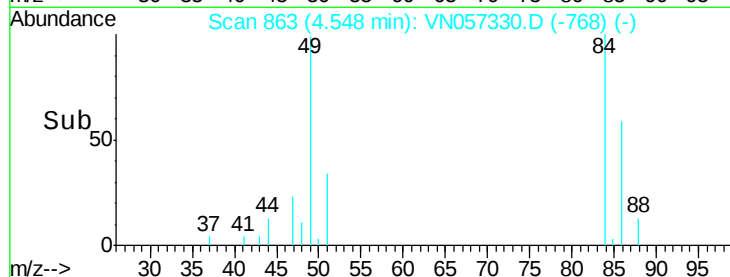
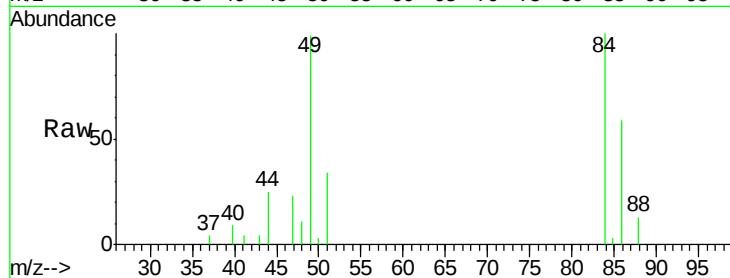
Acq: 15 Aug 2019 14:39

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C2-(3)

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	98.9	92.0	138.0	
51	33.6	27.1	40.7	
86	59.2	52.2	78.2	

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#33

1,2-Dichloroethane-d4

Concen: 43.680 ug/l

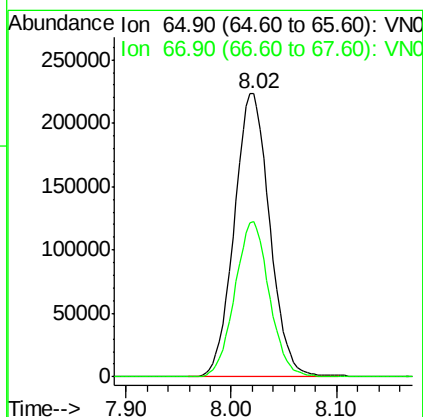
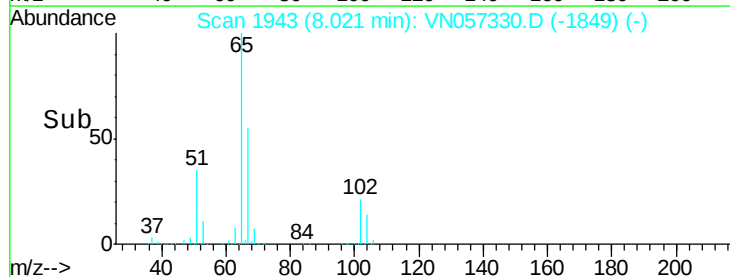
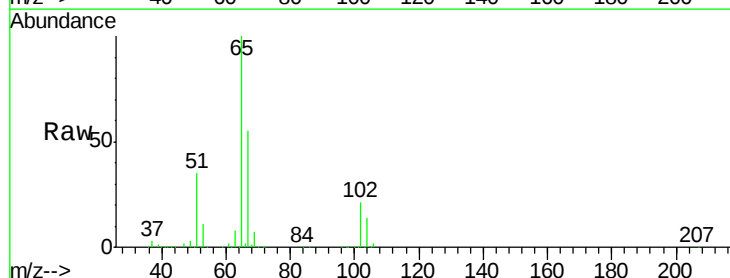
RT: 8.02 min Scan# 1943

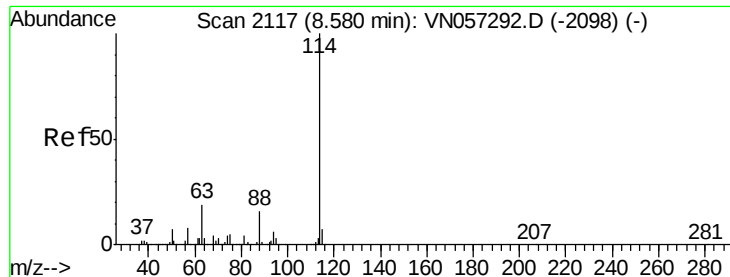
Delta R.T. 0.00 min

Lab File: VN057330.D

Acq: 15 Aug 2019 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	53.4	0.0	107.4	





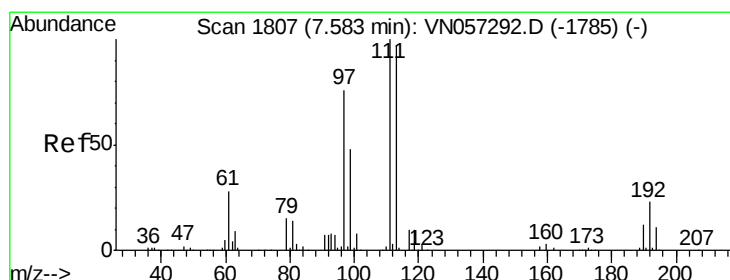
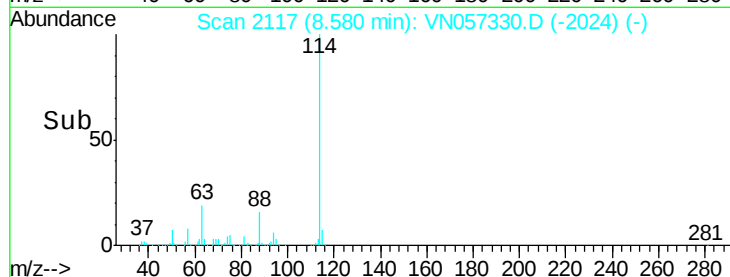
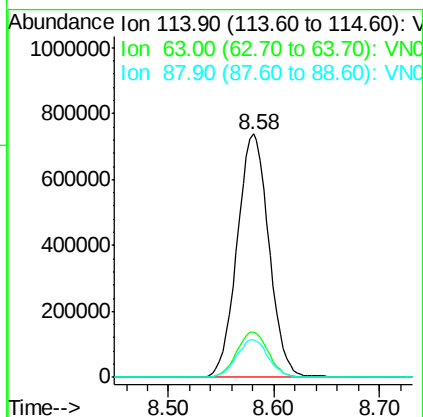
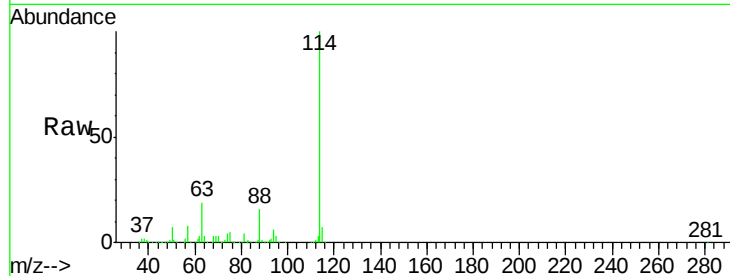
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057330.D
 Acq: 15 Aug 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C2-(3)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.8
88	15.6	0.0	31.4

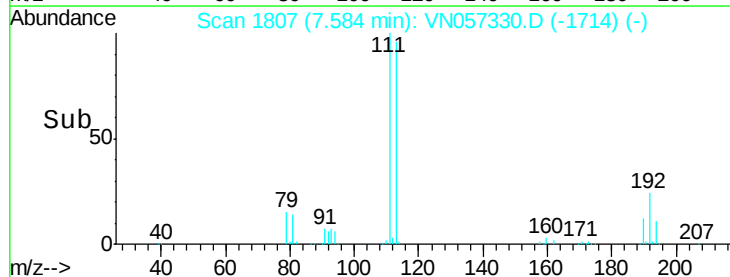
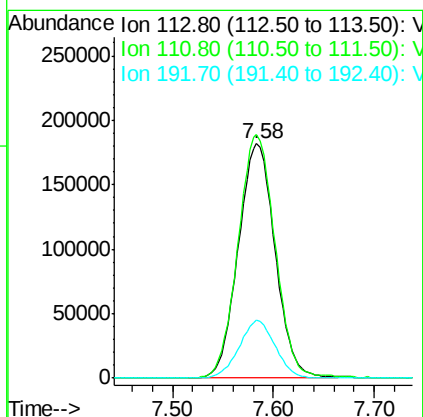
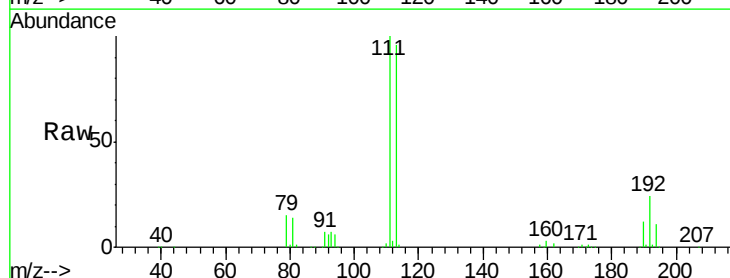
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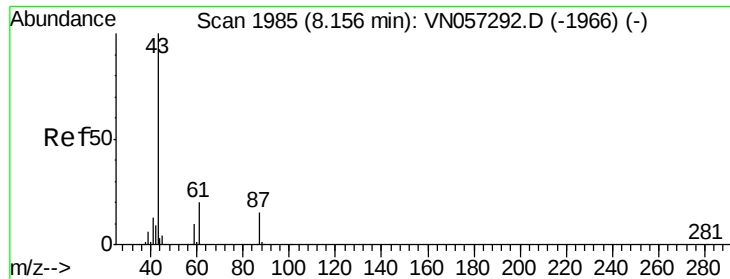
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#35
 Dibromofluoromethane
 Concen: 45.517 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057330.D
 Acq: 15 Aug 2019 14:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.1	123.1
192	23.9	19.3	28.9





#43

Isopropyl Acetate

Concen: 6.806 ug/l m

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057330.D

Acq: 15 Aug 2019 14:39

Instrument :

MSVOA_N

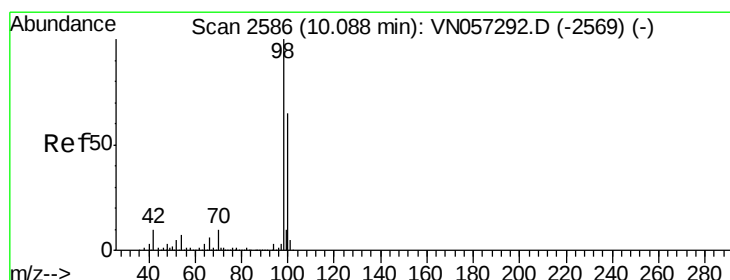
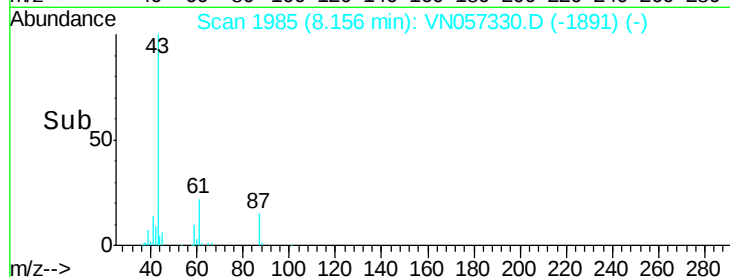
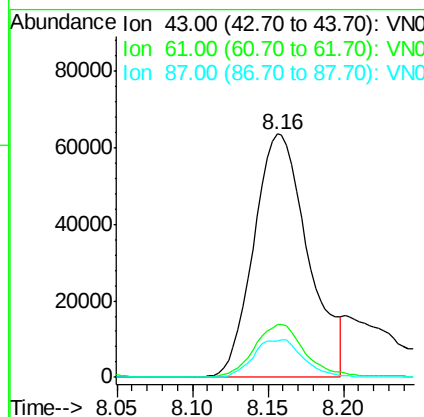
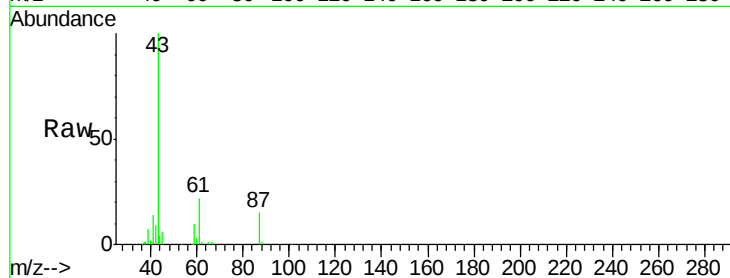
ClientSampleId :

REACTOR-3-C2-(3)

Tot Ion:	43	Resp:	158999
Ion	Ratio	Lower	Upper
43	100		
61	20.4	21.6	32.4#
87	14.2	11.4	17.0

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#50

Toluene-d8

Concen: 48.537 ug/l

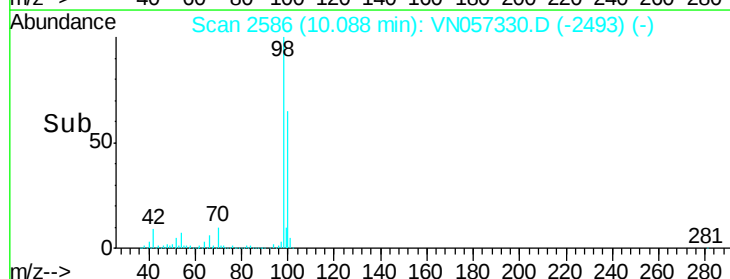
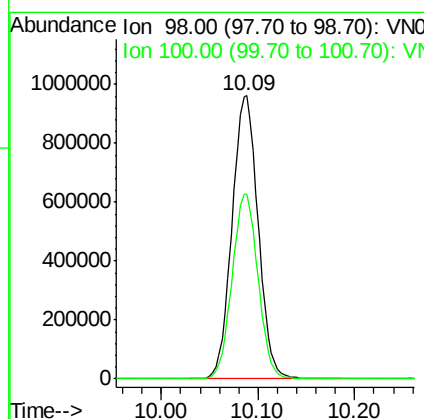
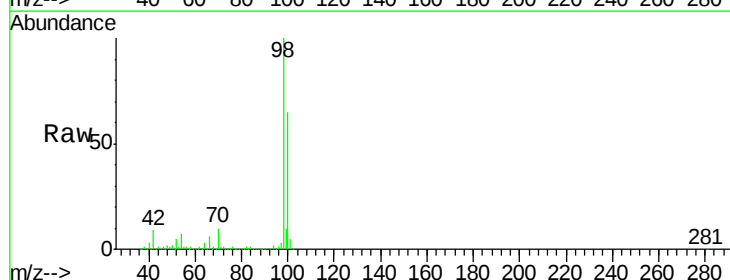
RT: 10.09 min Scan# 2586

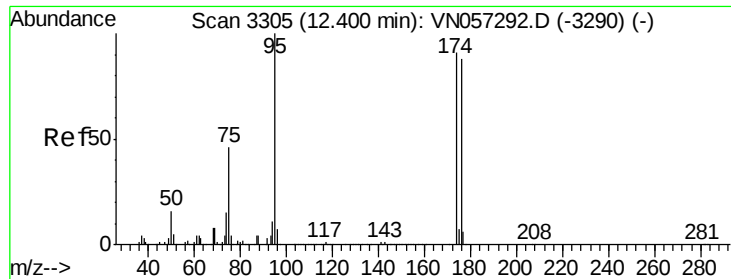
Delta R.T. 0.00 min

Lab File: VN057330.D

Acq: 15 Aug 2019 14:39

Tgt Ion:	98	Resp:	1798296
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





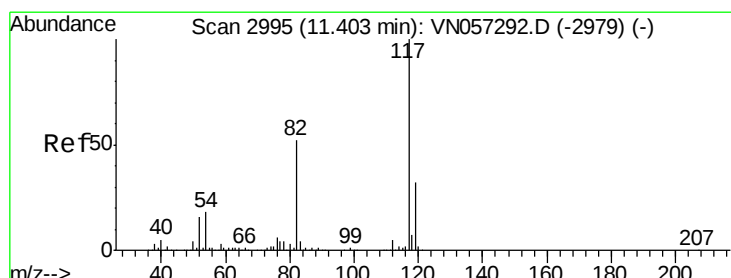
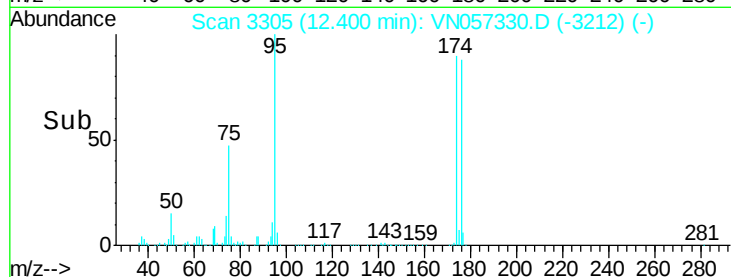
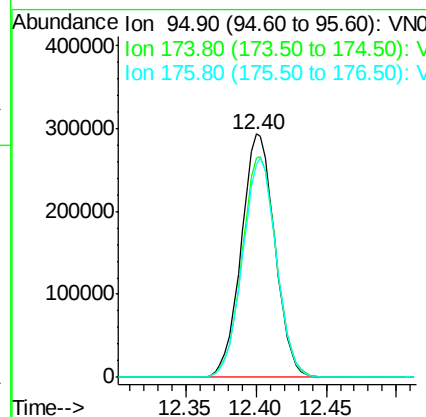
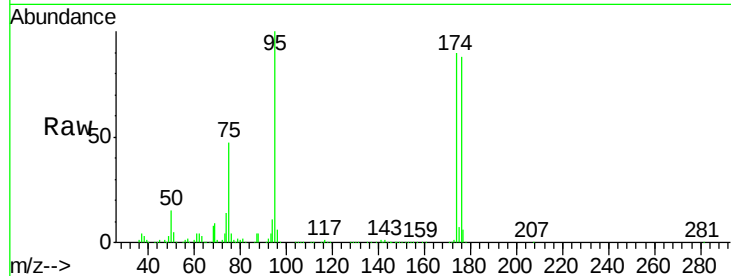
#62
4-Bromofluorobenzene
Concen: 37.391 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057330.D
Acq: 15 Aug 2019 14:39

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C2-(3)

Tot Ion	Ratio	Resp	Lower	Upper
95	100			
174	92.5	0.0	185.0	
176	90.3	0.0	181.0	

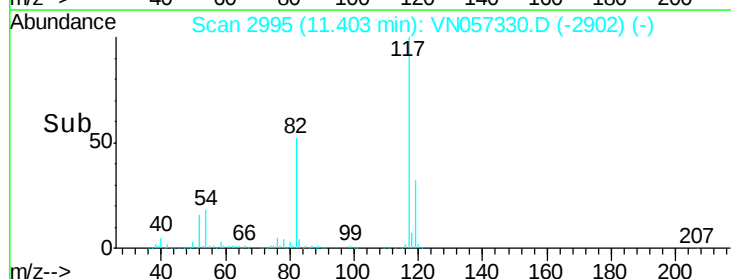
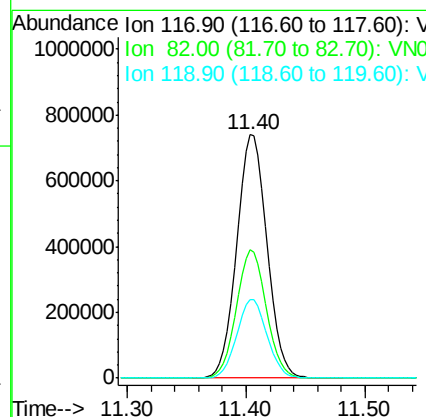
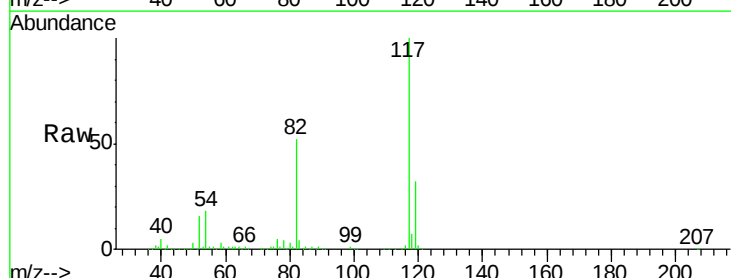
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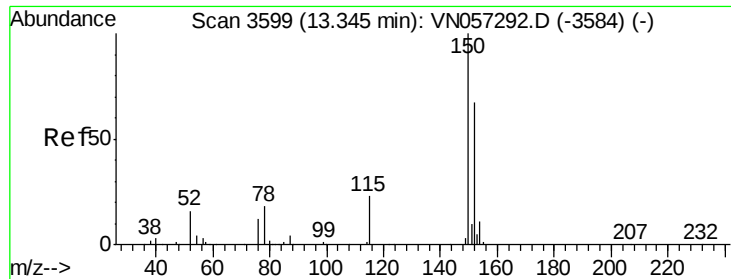
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057330.D
Acq: 15 Aug 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	52.5	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: VN057330.D

Acq: 15 Aug 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C2-(3)

Tot Ion:152 Resp: 343162

Ion Ratio Lower Upper

152 100

115 54.7 27.3 81.9

150 154.3 0.0 344.4

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