

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049896.D
 Acq On : 19 Jul 2018 2:17
 Operator : MD\SY
 Sample : J3357-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK_71718

Manual Integrations
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Quant Time: Jul 19 14:12:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	926019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	754316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277771	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	401736	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.59	113	359671	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	10.09	98	1228297	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
62) 4-Bromofluorobenzene	12.40	95	330713	33.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.80%	

Target Compounds	Qvalue

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

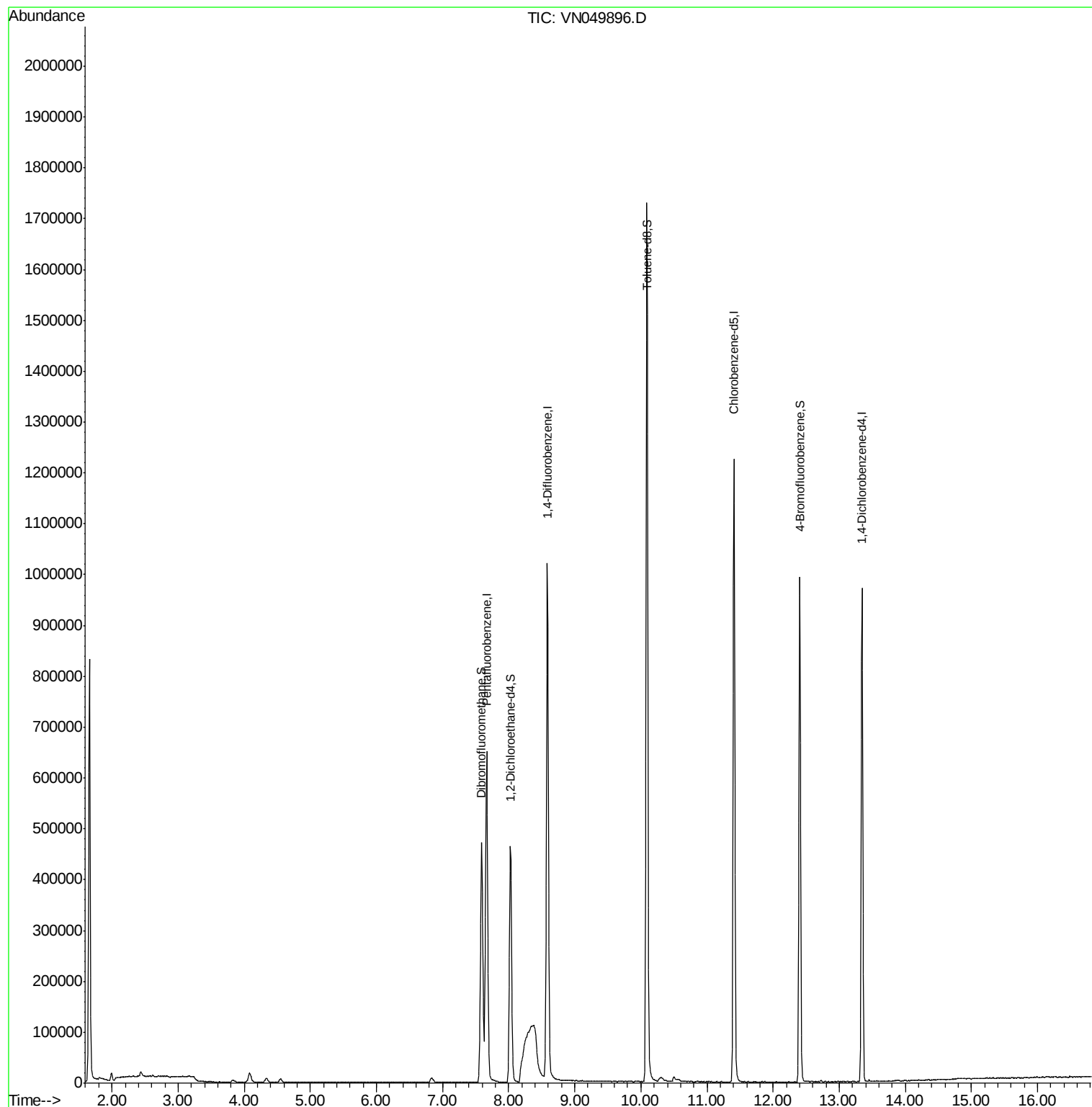
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071818\
Data File : VN049896.D
Acq On : 19 Jul 2018 2:17
Operator : MD\SY
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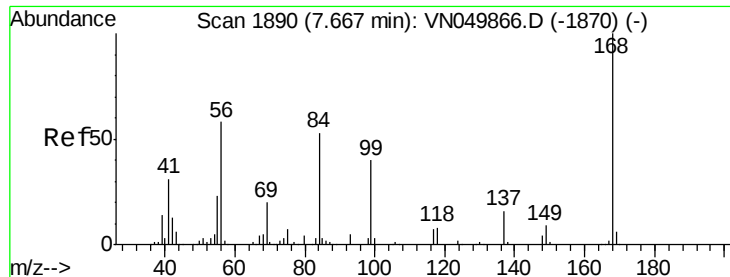
Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK_71718

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7/19/2018 4:30:07 PM

Quant Time: Jul 19 14:12:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049896.D

Acq: 19 Jul 2018 2:17

Instrument :

MSVOA_N

ClientSampleId :

FIELDBLANK_71718

Tot Ion:168 Resp: 553149

Ion Ratio Lower Upper

168 100

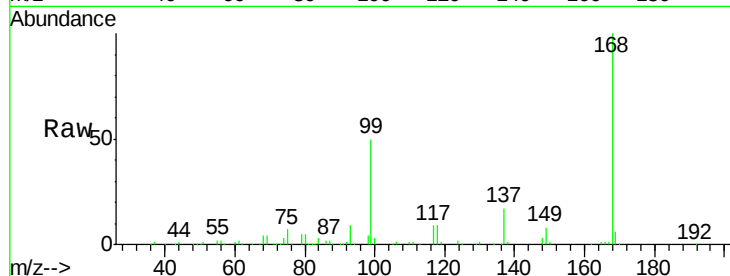
99 50.5 40.6 61.0

Manual Integrations

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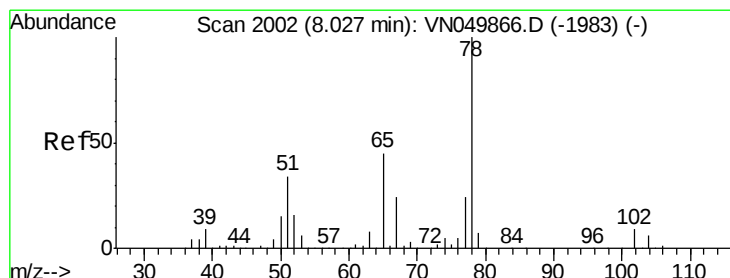
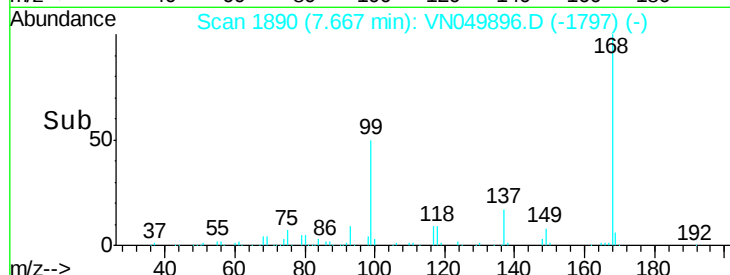
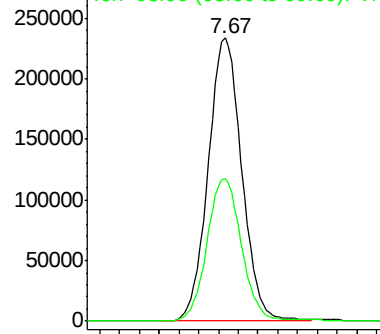
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 52.84 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049896.D

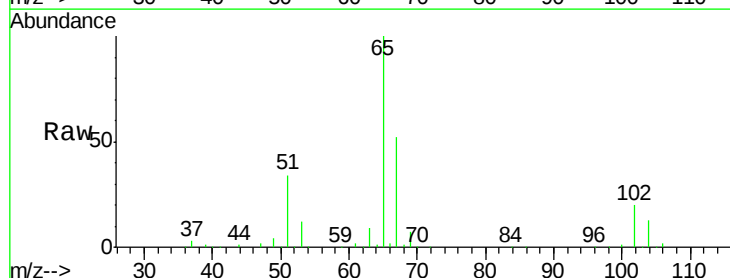
Acq: 19 Jul 2018 2:17

Tgt Ion: 65 Resp: 401736

Ion Ratio Lower Upper

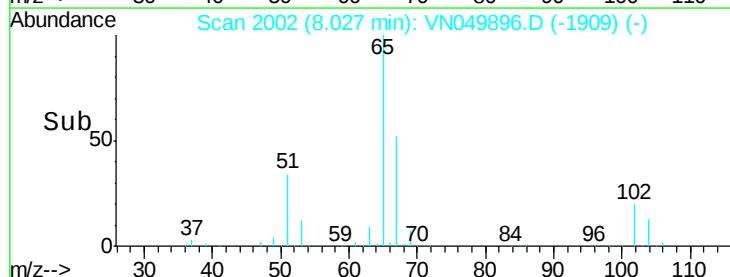
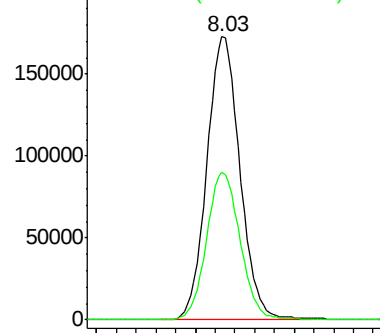
65 100

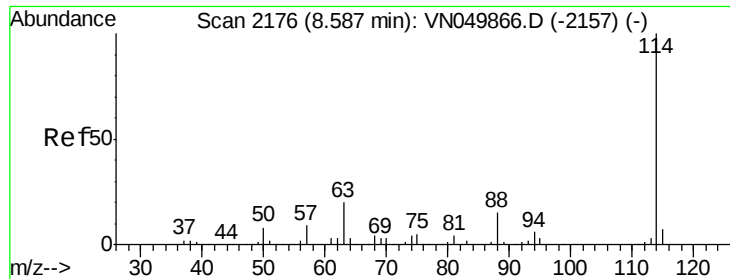
67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





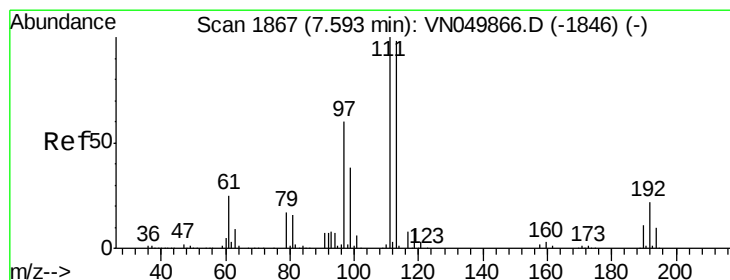
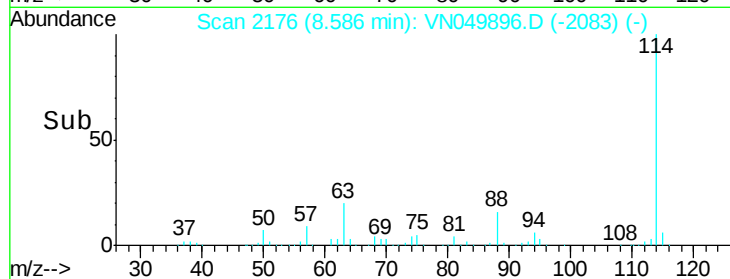
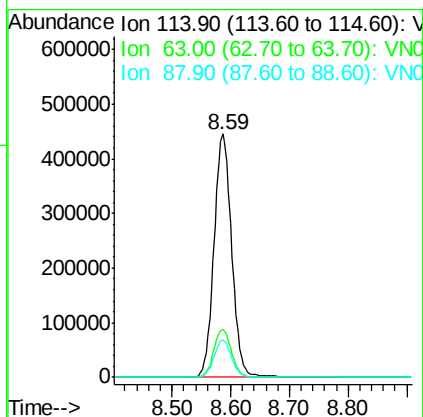
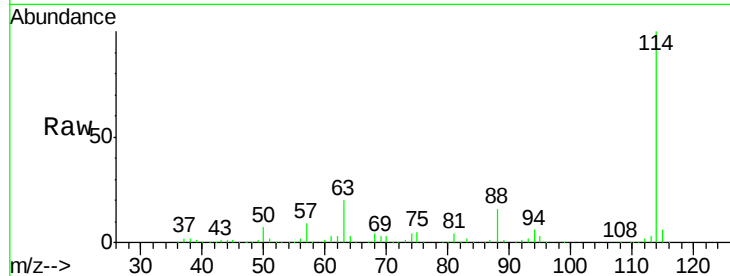
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049896.D
 Acq: 19 Jul 2018 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK_71718

Tot Ion	Ratio	Resp	Lower	Upper
114	100	926019		
63	19.7	0.0	39.8	
88	15.5	0.0	30.6	

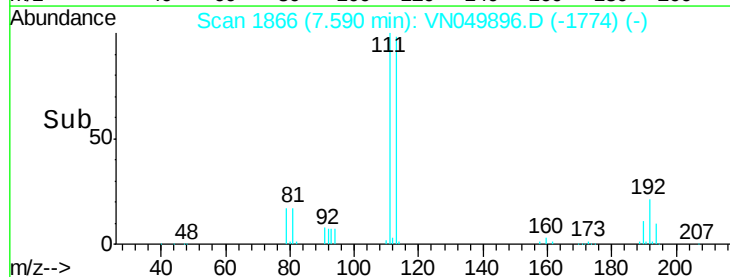
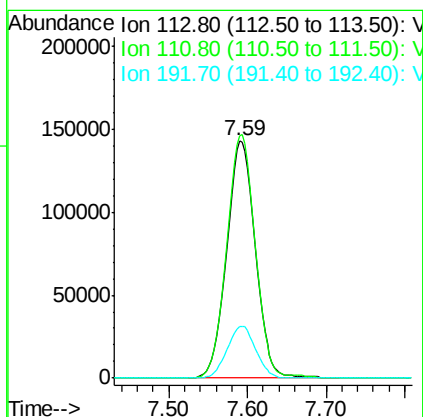
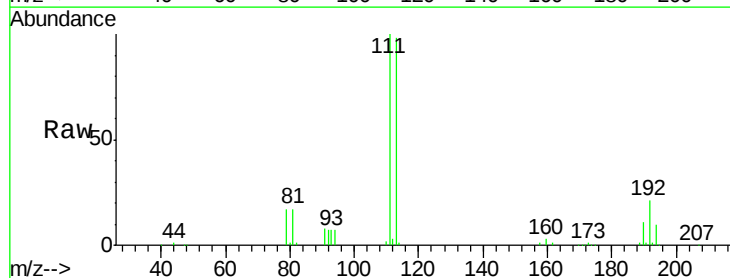
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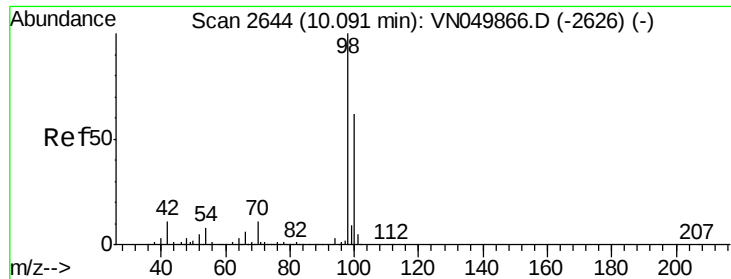
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#35
 Dibromofluoromethane
 Concen: 46.27 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049896.D
 Acq: 19 Jul 2018 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	359671		
111	101.6	81.8	122.8	
192	22.0	17.8	26.6	





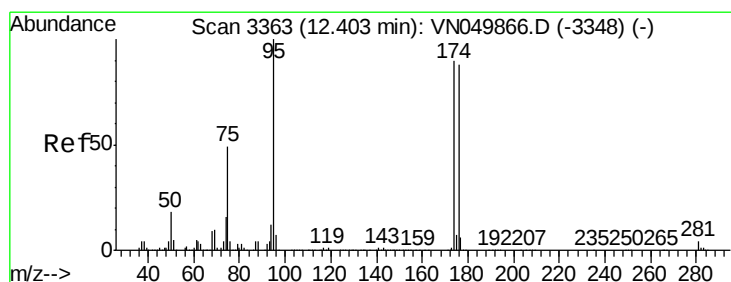
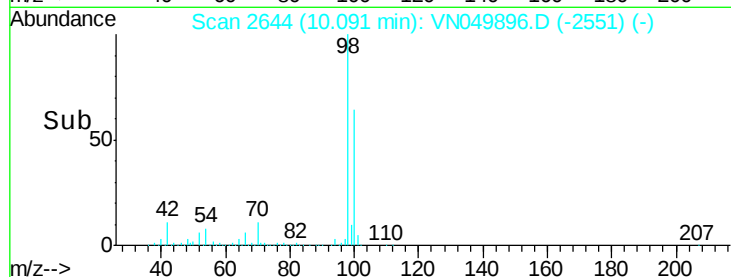
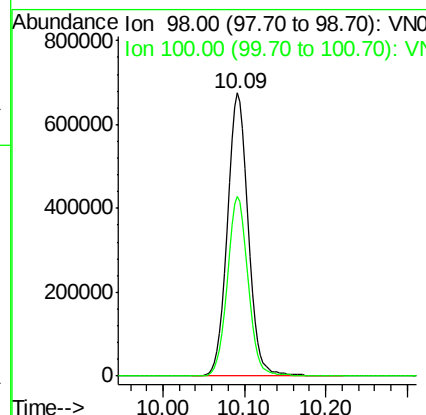
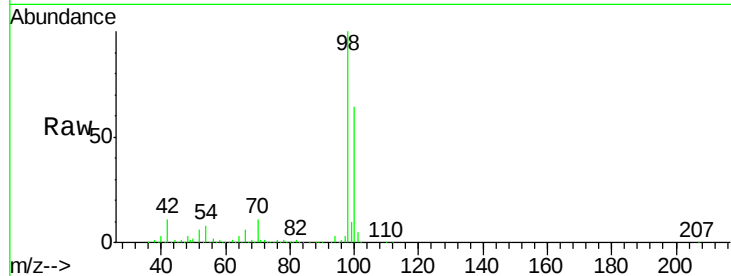
#50
Toluene-d8
Concen: 43.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049896.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK_71718

Tot Ion: 98 Resp: 1228297
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

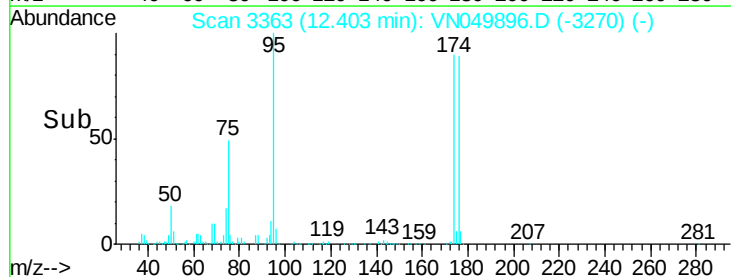
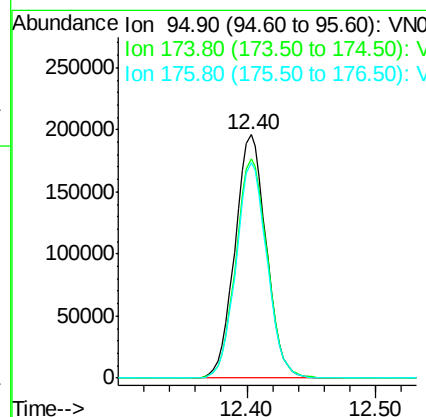
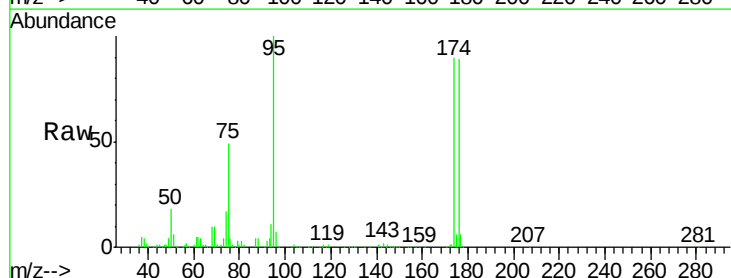
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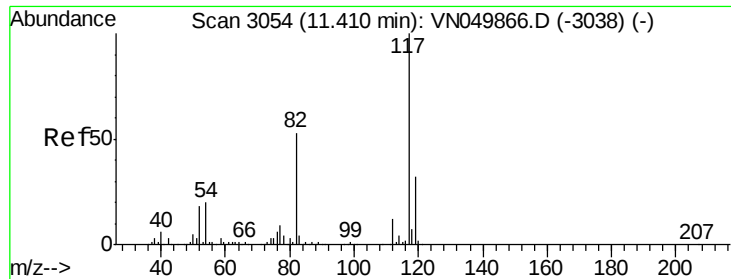
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#62
4-Bromofluorobenzene
Concen: 33.90 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049896.D
Acq: 19 Jul 2018 2:17

Tgt Ion: 95 Resp: 330713
Ion Ratio Lower Upper
95 100
174 90.5 0.0 179.6
176 87.4 0.0 174.0





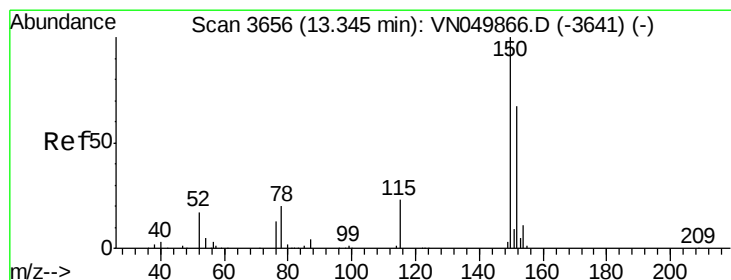
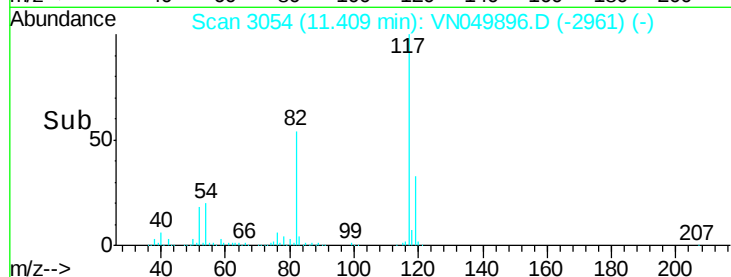
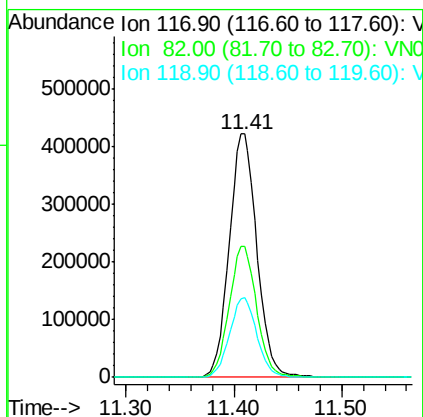
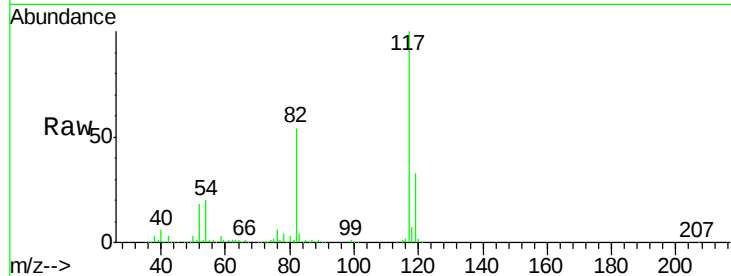
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049896.D
Acq: 19 Jul 2018 2:17

Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK_71718

Tot Ion	Ratio	Resp	Lower	Upper
117	100	754316		
82	53.6		41.9	62.9
119	32.5		25.4	38.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049896.D
Acq: 19 Jul 2018 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	277771		
115	55.8		28.1	84.2
150	154.9		0.0	347.6

