

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058267.D
 Acq On : 20 Sep 2019 21:30
 Operator : JC/SP
 Sample : K4975-07 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20190917

Manual Integrations
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 9/23/2019 3:31:04 PM

Quant Time: Sep 23 07:37:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	474870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	754499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	638340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	253487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	335936	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	235165	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.08	98	946484	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.41	95	297905	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
44) Trichloroethene	8.83	130	3356	0.825	ug/l	89
95) Naphthalene	15.13	128	39458	3.259	ug/l	99

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

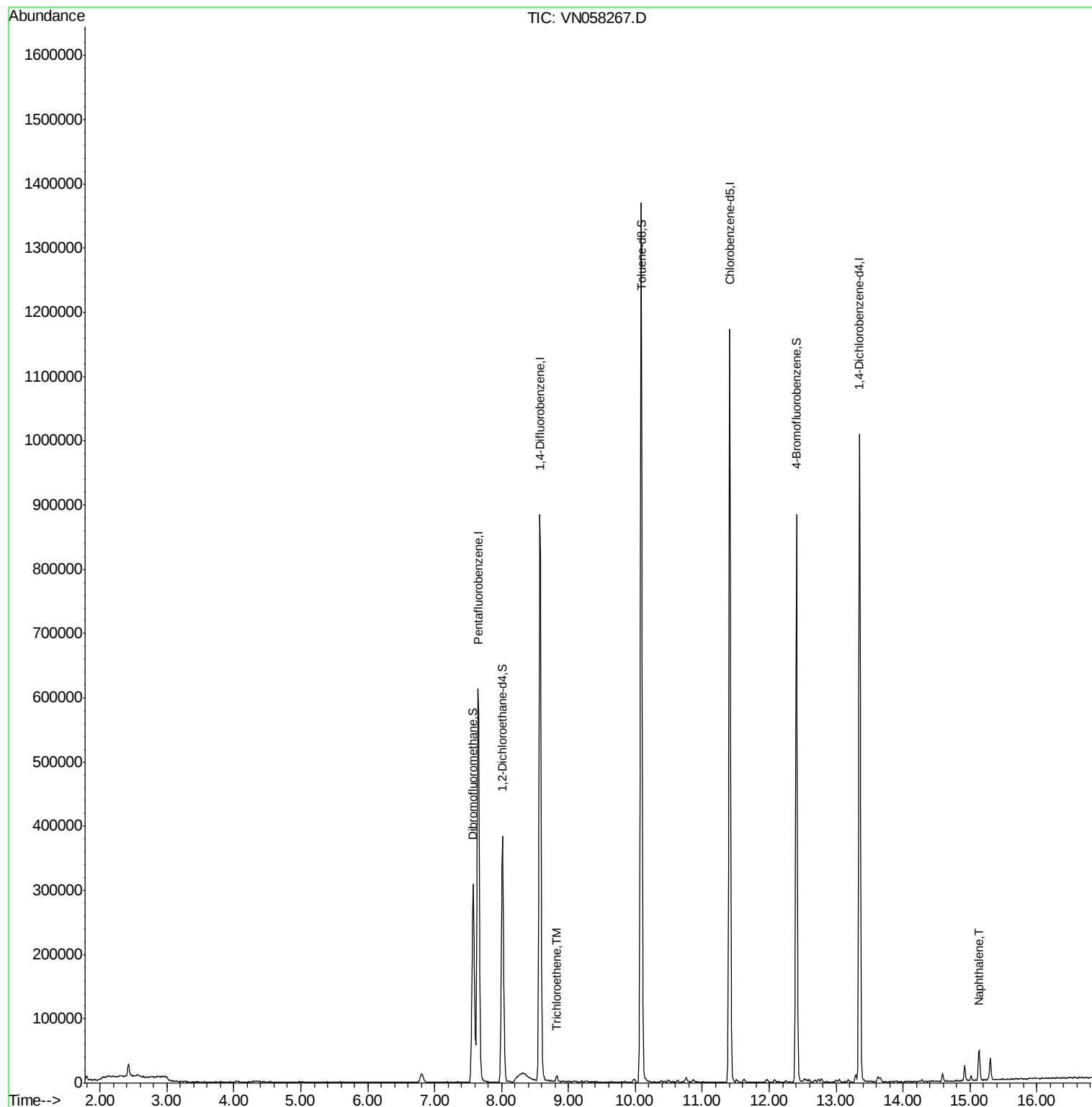
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092019\
Data File : VN058267.D
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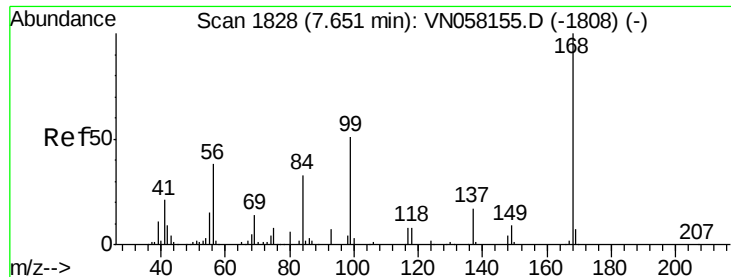
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058267.D

Acq: 20 Sep 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20190917

Tot Ion:168 Resp: 474870

Ion Ratio Lower Upper

168 100

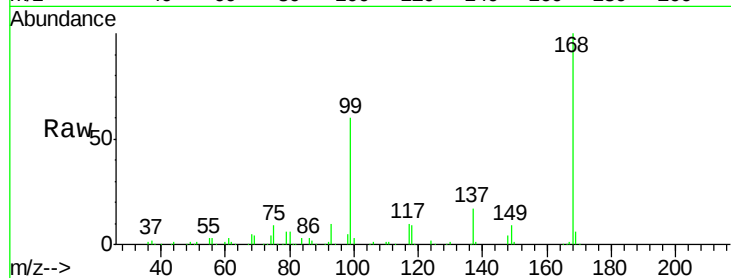
99 59.8 47.4 71.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

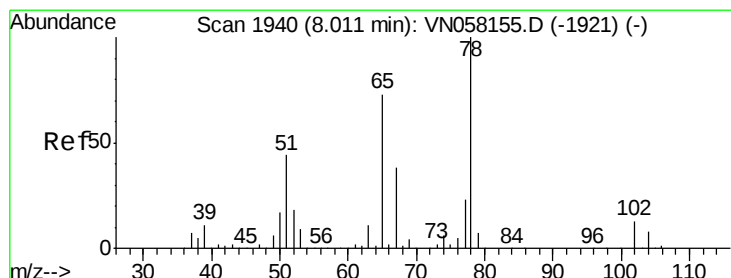
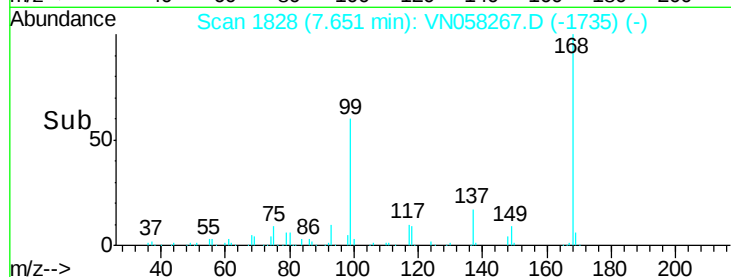
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 50.792 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058267.D

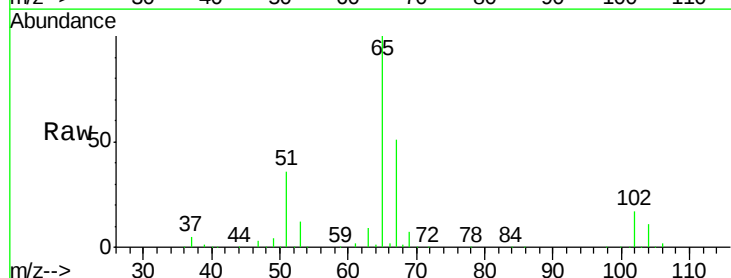
Acq: 20 Sep 2019 21:30

Tgt Ion: 65 Resp: 335936

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

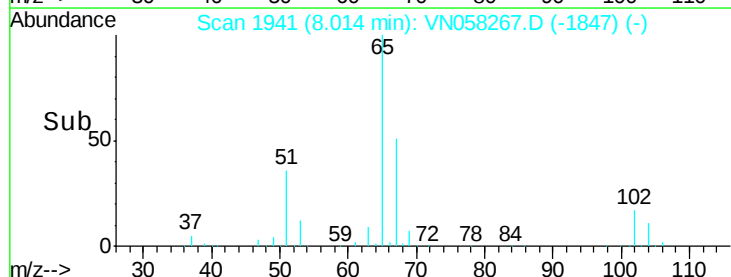
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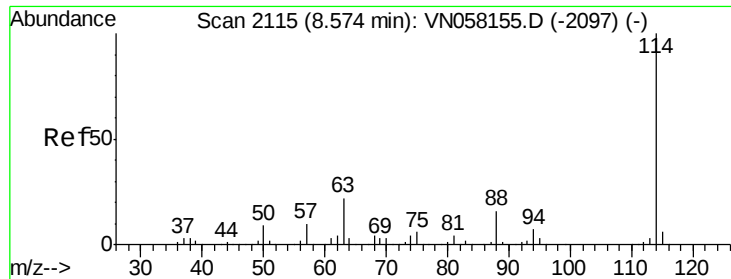
100000

50000

0

Time--> 7.90 8.00 8.10





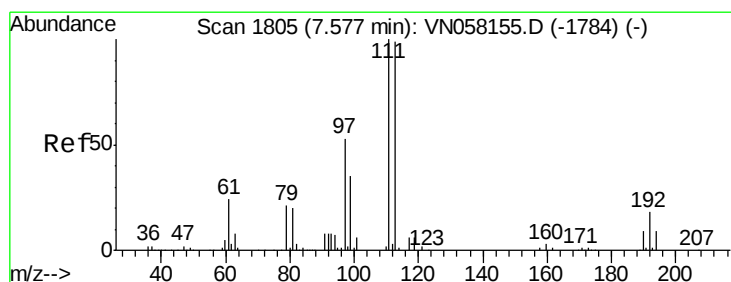
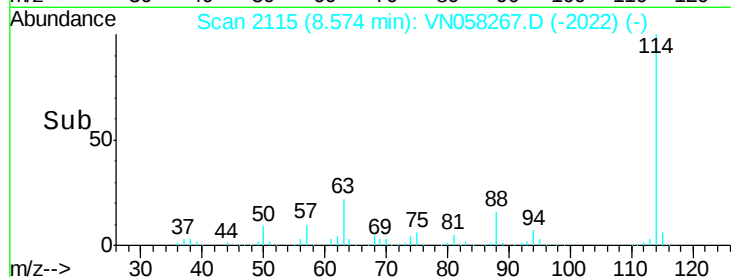
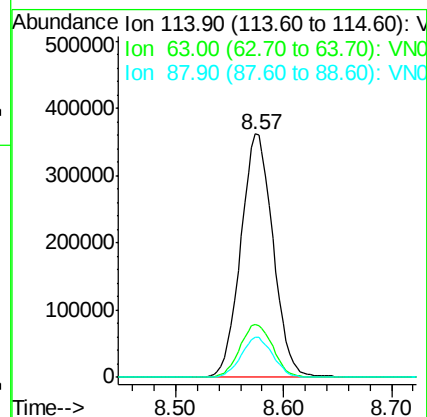
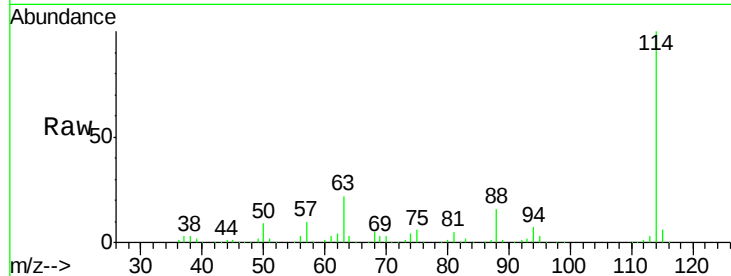
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058267.D
 Acq: 20 Sep 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20190917

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.7	0.0	44.2
88	16.4	0.0	31.6

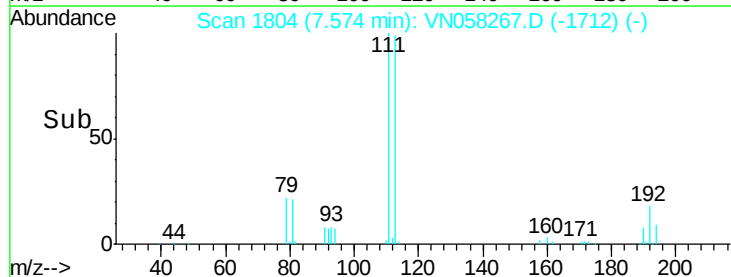
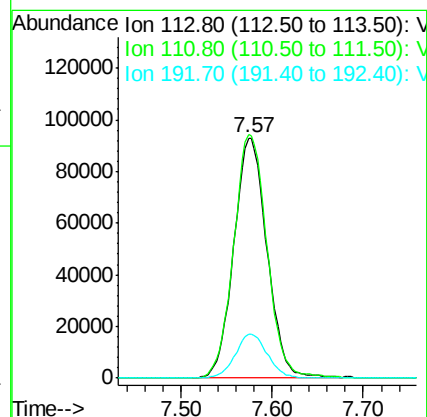
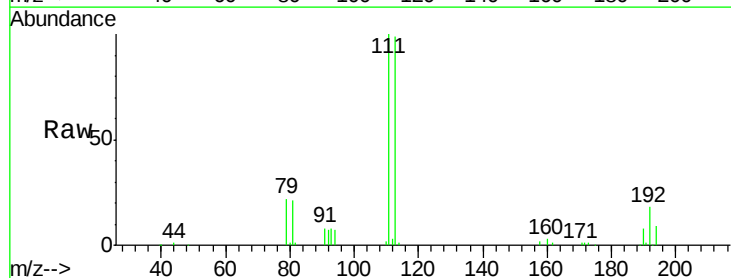
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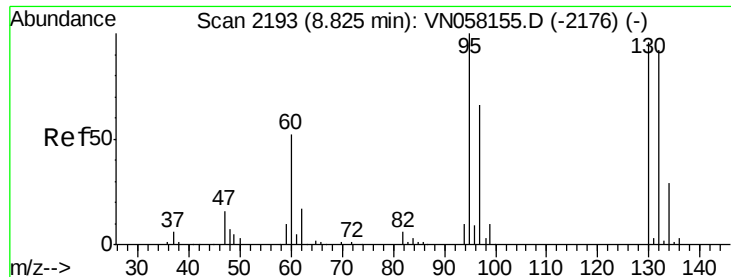
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#35
 Dibromofluoromethane
 Concen: 51.271 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058267.D
 Acq: 20 Sep 2019 21:30

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.3	81.8	122.6
192	17.9	14.5	21.7





#44

Trichloroethene

Concen: 0.825 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VN058267.D

Acq: 20 Sep 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20190917

Tot Ion:130 Resp: 3356

Ion Ratio Lower Upper

130 100

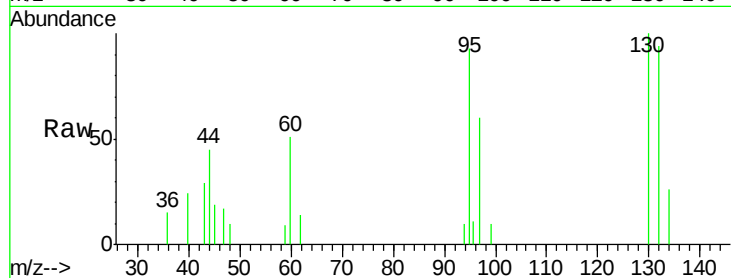
95 92.8 0.0 207.8

Manual Integrations

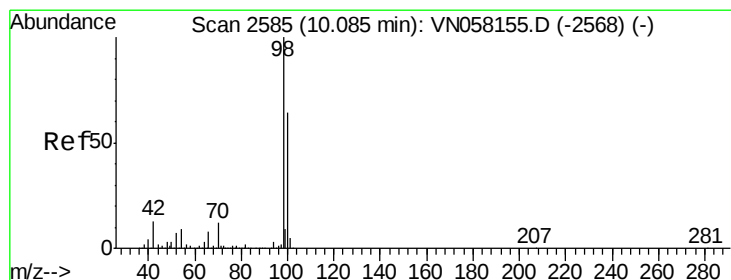
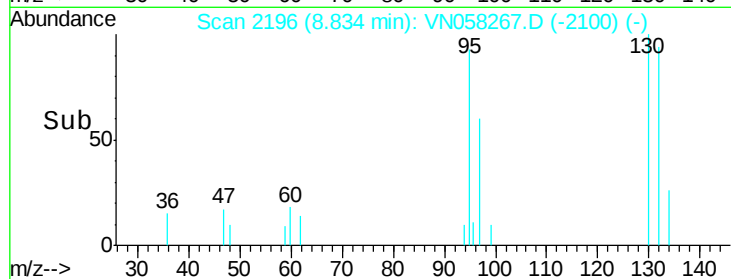
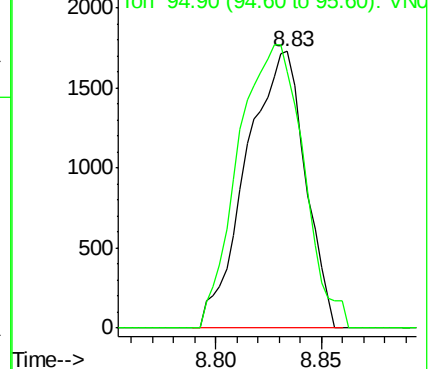
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Abundance Ion 129.80 (129.50 to 130.50): VN058155.D (-2176) (-)



#50

Toluene-d8

Concen: 52.962 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058267.D

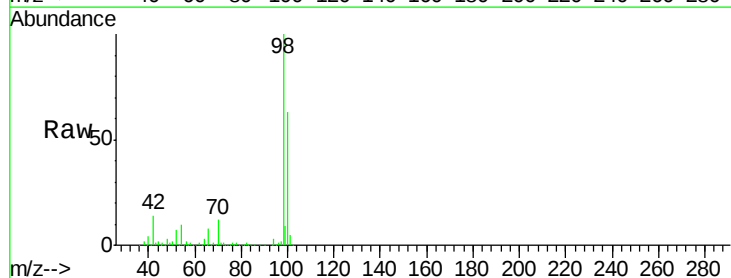
Acq: 20 Sep 2019 21:30

Tgt Ion: 98 Resp: 946484

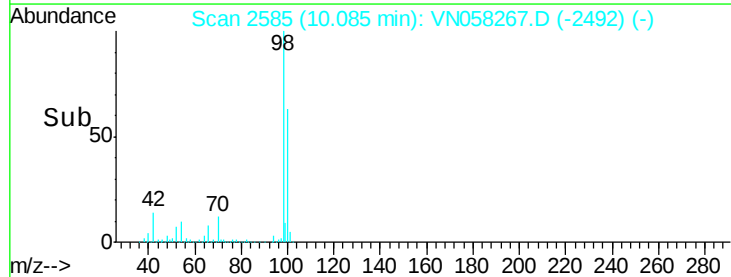
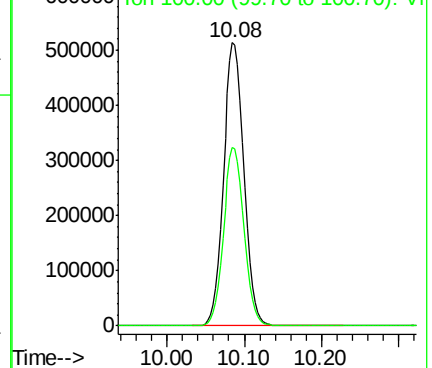
Ion Ratio Lower Upper

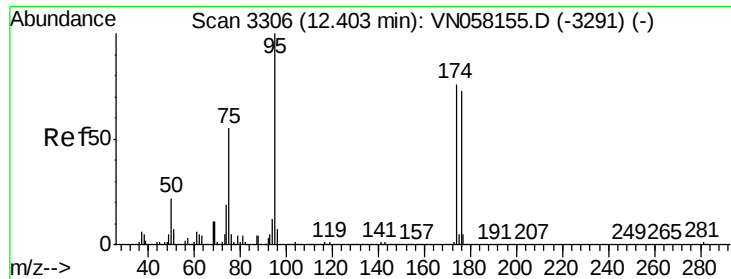
98 100

100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)





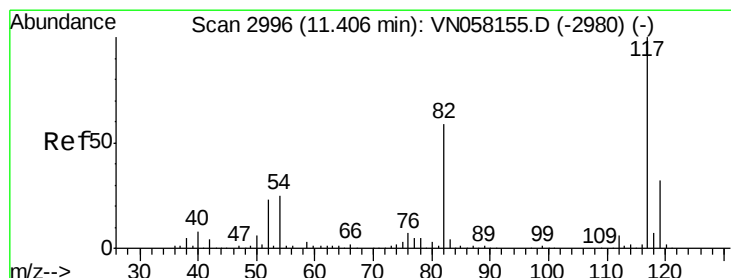
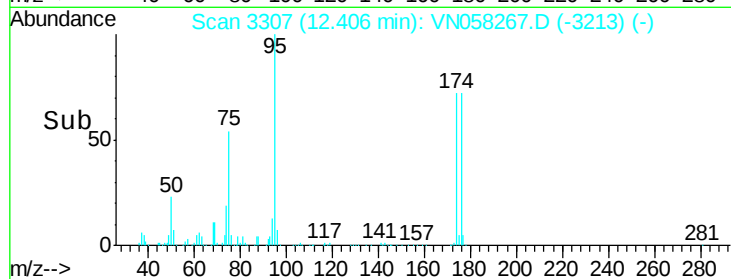
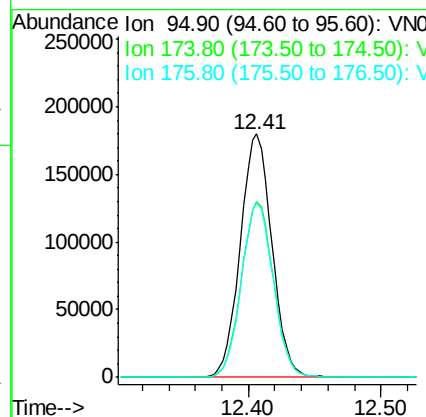
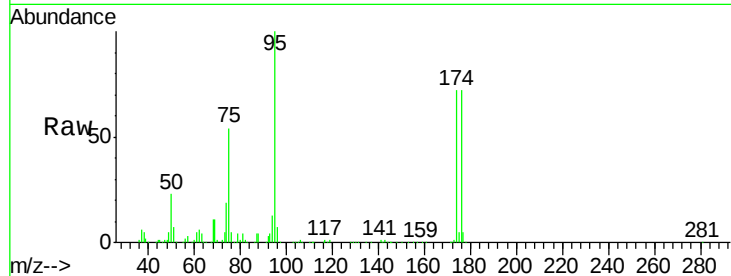
#62
4-Bromofluorobenzene
Concen: 44.876 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058267.D
Acq: 20 Sep 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20190917

Tot Ion	Ratio	Resp	Lower	Upper
95	100	297905		
174	73.4	0.0	152.2	
176	72.3	0.0	148.0	

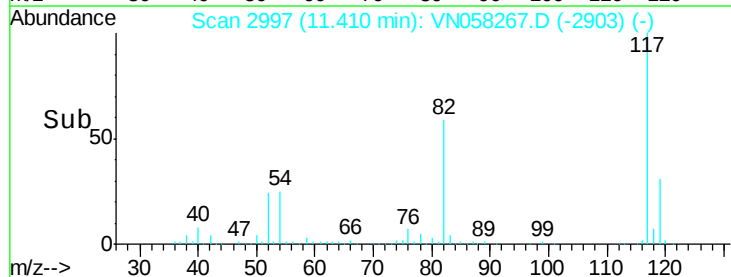
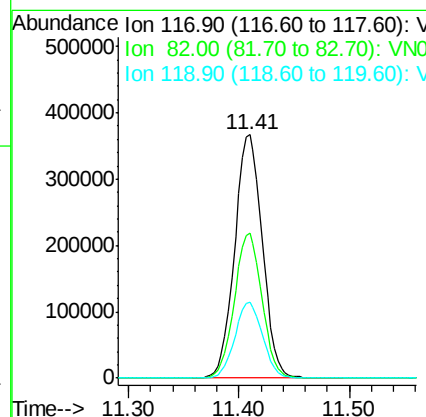
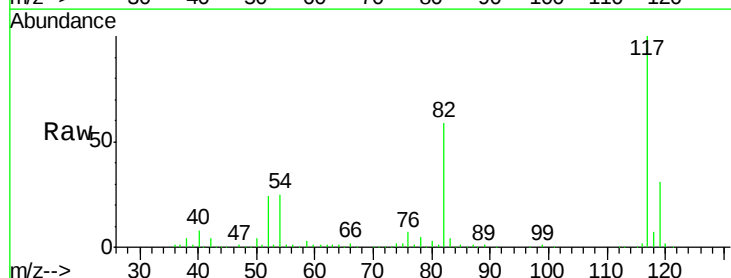
Manual Integrations
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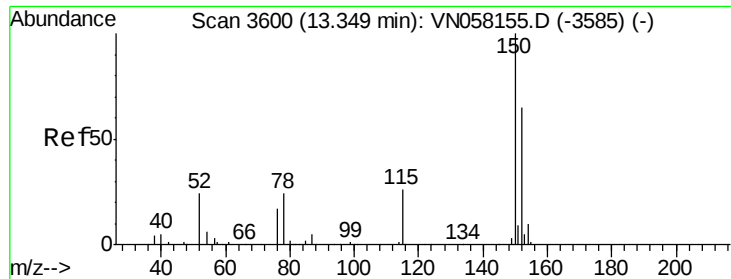
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058267.D
Acq: 20 Sep 2019 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	638340		
82	59.5	46.9	70.3	
119	31.0	25.3	37.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058267.D

Acq: 20 Sep 2019 21:30

Instrument :

MSVOA_N

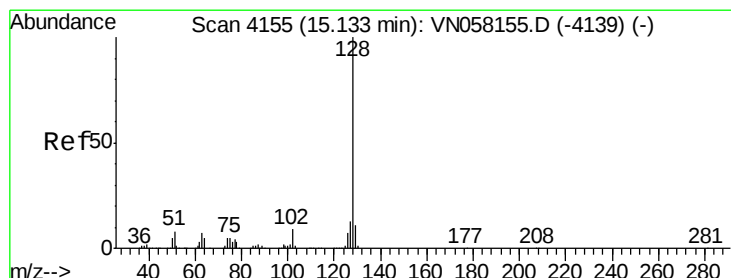
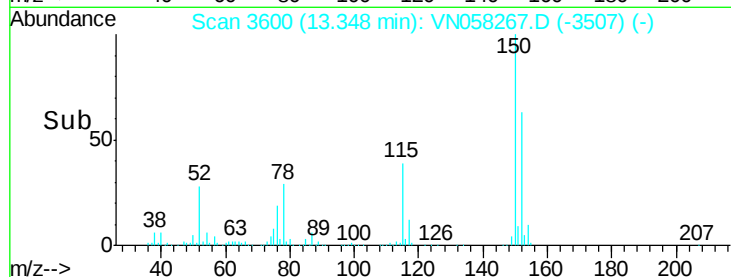
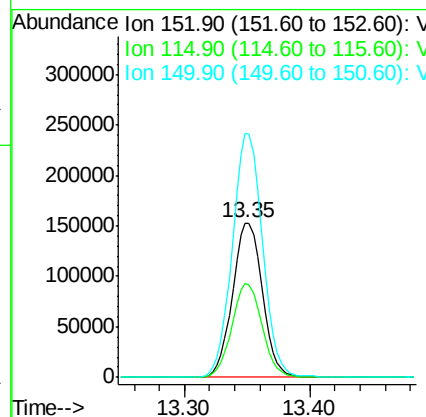
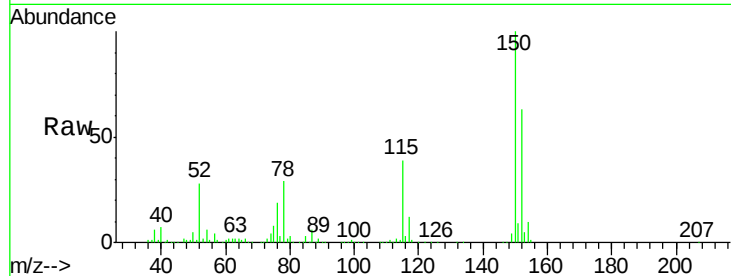
ClientSampleId :

DUP05-20190917

Tot Ion:	152	Resp:	253487
Ion Ratio	Lower	Upper	
152	100		
115	61.2	30.1	90.3
150	158.8	0.0	346.4

Manual Integrations
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#95

Naphthalene

Concen: 3.259 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058267.D

Acq: 20 Sep 2019 21:30

Tgt Ion:	128	Resp:	39458
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	10.7	8.6	12.8

