

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051520.D
 Acq On : 26 Sep 2018 7:28
 Operator : MD\SY
 Sample : PB113167ZHE#09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#09

Manual Integrations
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 9/30/2018 9:54:48 AM

Quant Time: Sep 26 08:35:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	832001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445597	56.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.24%	
35) Dibromofluoromethane	7.59	113	382784	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.09	98	1392690	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
62) 4-Bromofluorobenzene	12.40	95	363602	37.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.72%	
Target Compounds						
18) Methyl Acetate	4.33	43	11101m	1.852	ug/l	
20) Methylene Chloride	4.55	84	8646	1.110	ug/l	89
43) Isopropyl Acetate	8.17	43	284589	23.656	ug/l	95

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

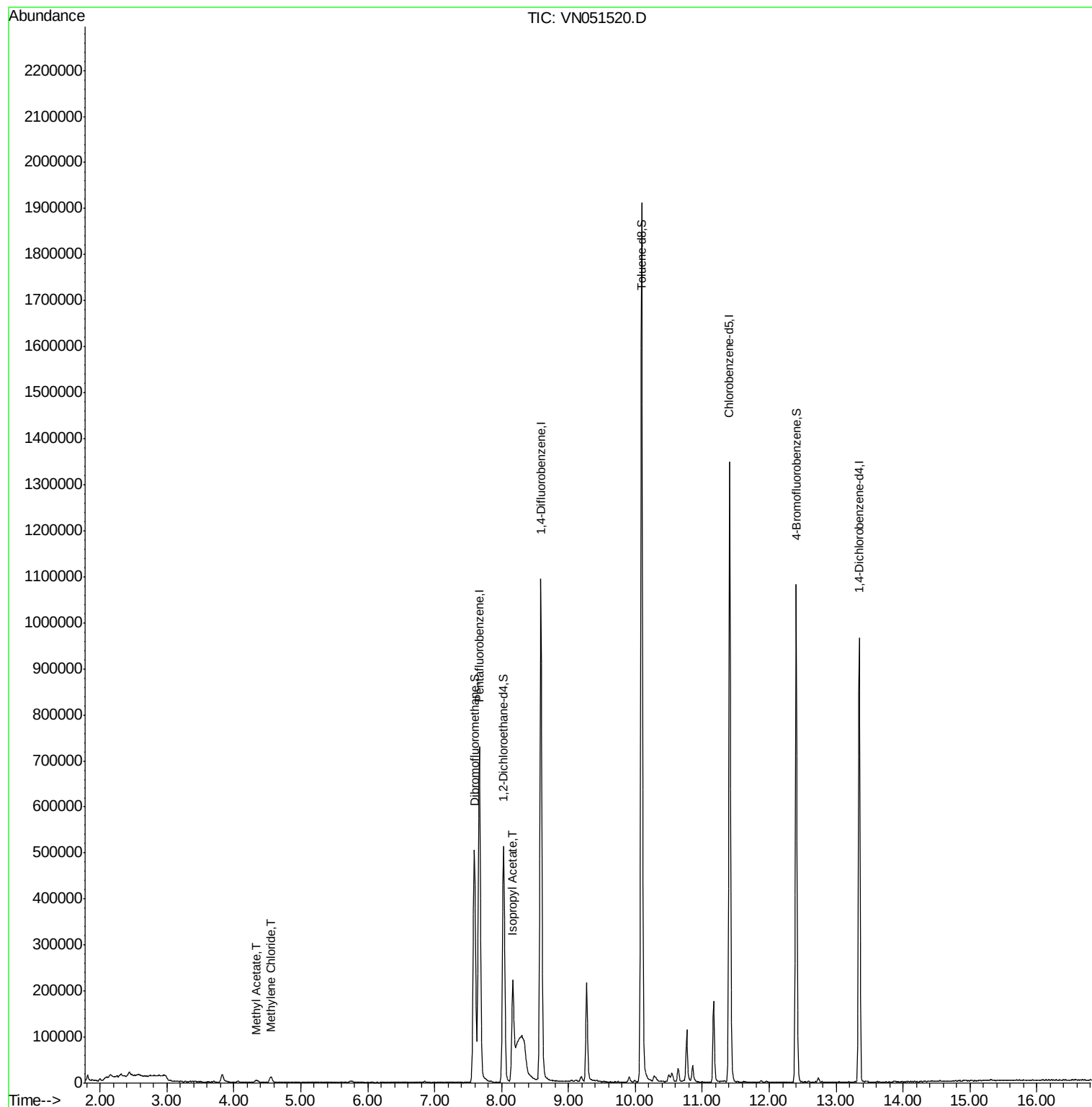
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
Data File : VN051520.D
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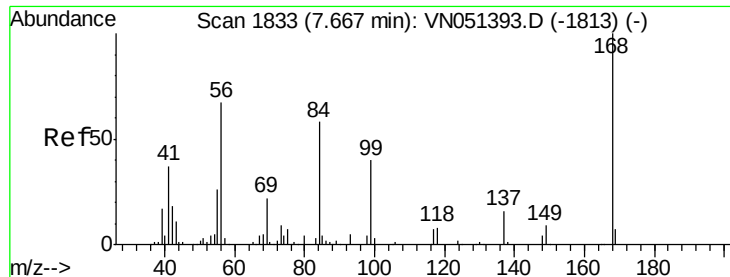
Instrument :
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QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051520.D

Acq: 26 Sep 2018 7:28

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#09

Tgt Ion:168 Resp: 628285

Ion Ratio Lower Upper

168 100

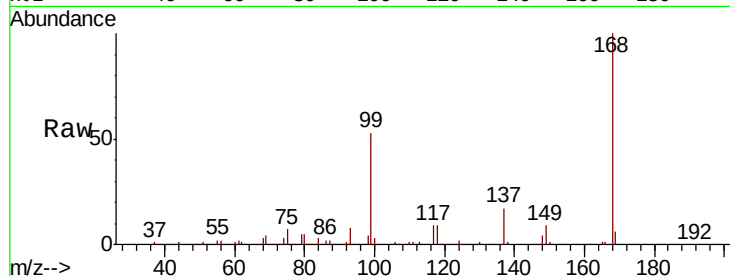
99 52.9 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

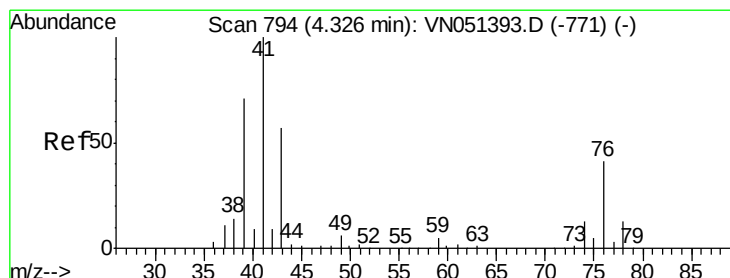
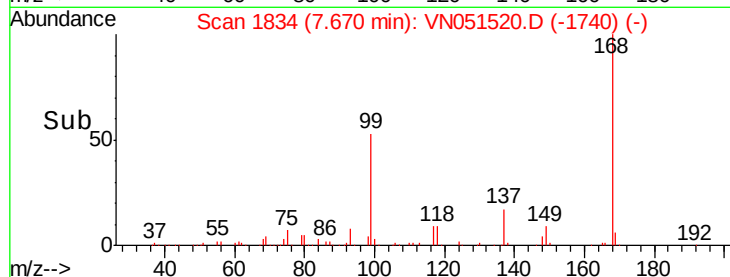
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.852 ug/l m

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051520.D

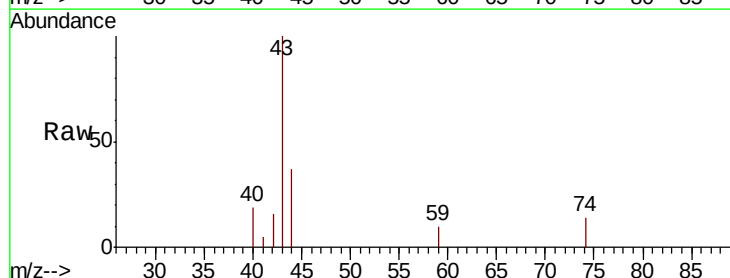
Acq: 26 Sep 2018 7:28

Tgt Ion: 43 Resp: 11101

Ion Ratio Lower Upper

43 100

74 5.8 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.33

4000

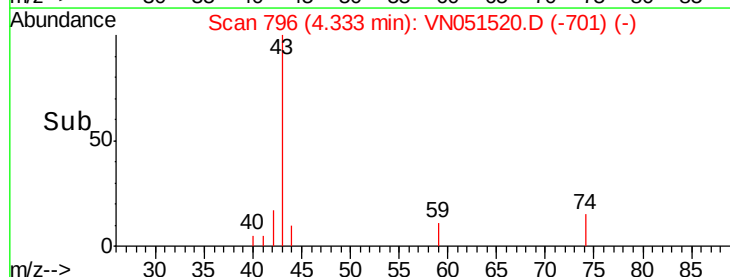
3000

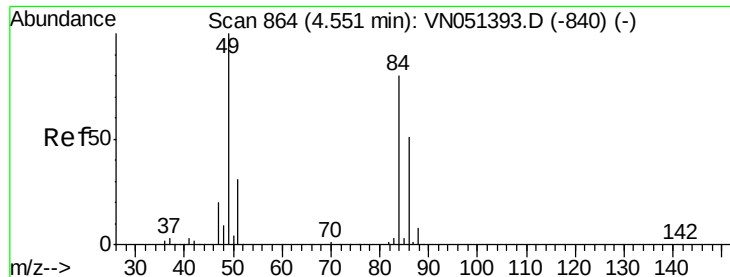
2000

1000

0

Time-->





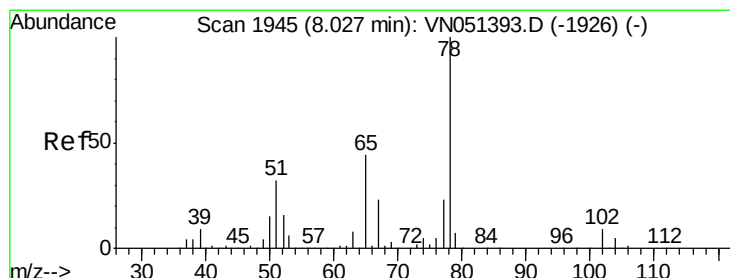
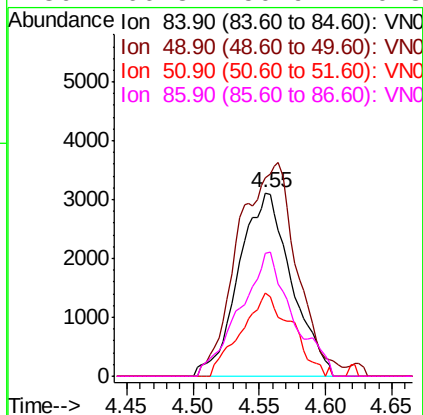
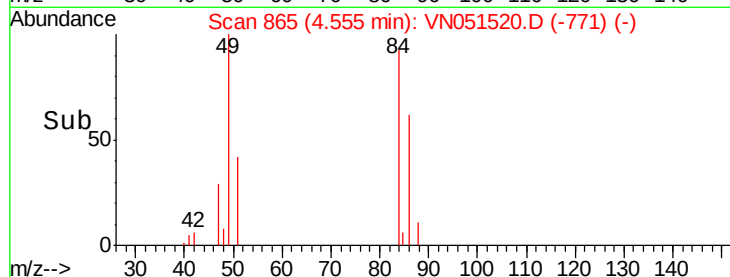
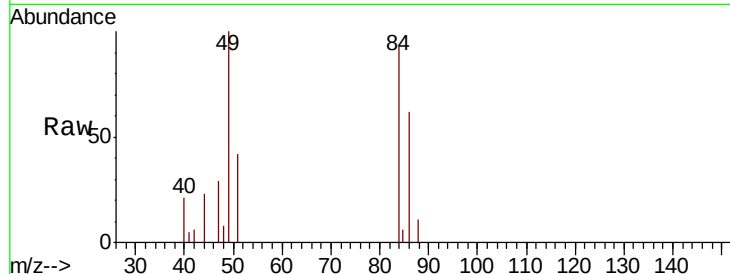
#20
Methylene Chloride
Concen: 1.110 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051520.D
Acq: 26 Sep 2018 7:28

Instrument :
MSVOA_N
ClientSampleId :
PB113167ZHE#09

Tgt Ion:	84	Resp:	8646
Ion	Ratio	Lower	Upper
84	100		
49	108.1	99.9	149.9
51	45.1	31.4	47.2
86	66.8	50.9	76.3

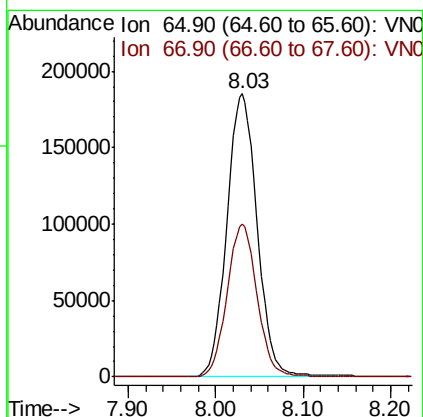
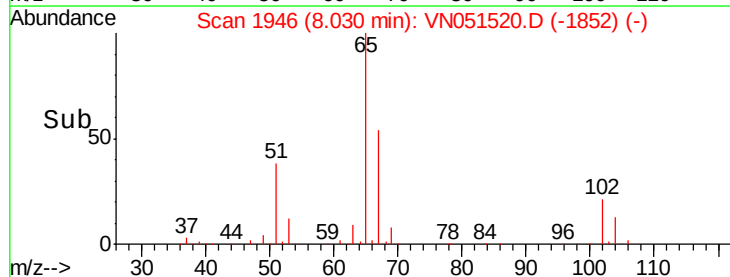
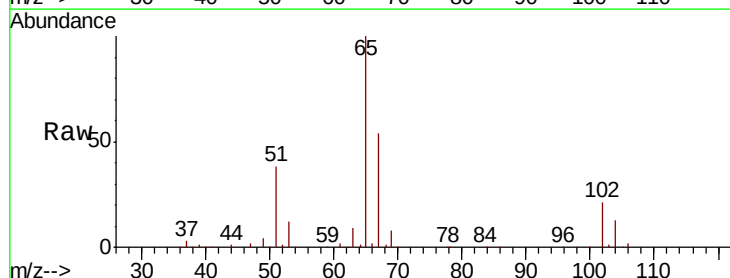
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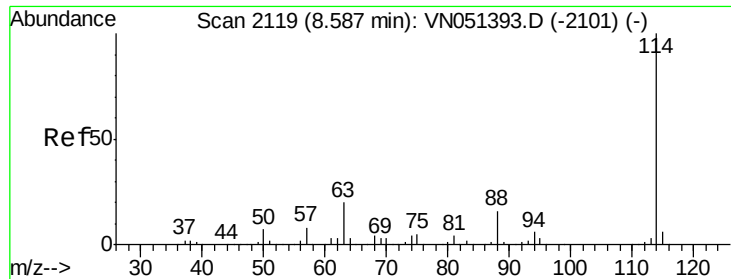
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#33
1,2-Dichloroethane-d4
Concen: 56.617 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051520.D
Acq: 26 Sep 2018 7:28

Tgt Ion:	65	Resp:	445597
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.8





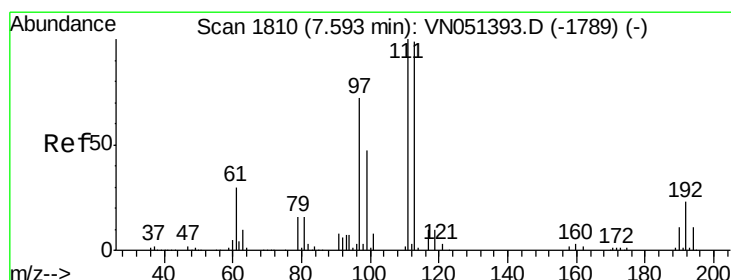
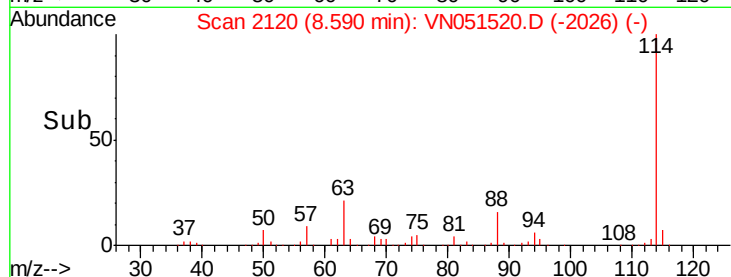
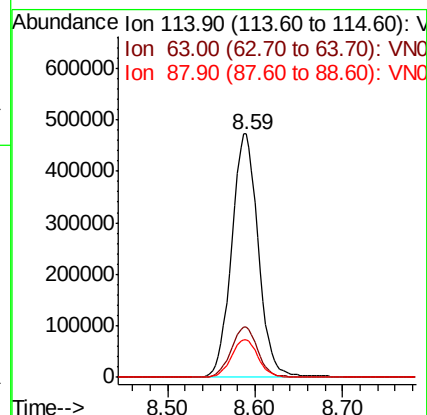
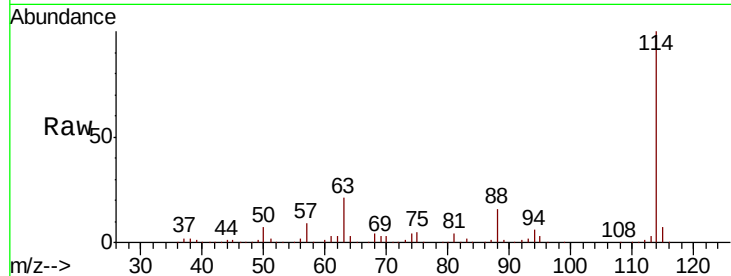
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051520.D
Acq: 26 Sep 2018 7:28

Instrument :
MSVOA_N
ClientSampleId :
PB113167ZHE#09

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.6	0.0	40.2
88	15.6	0.0	31.4

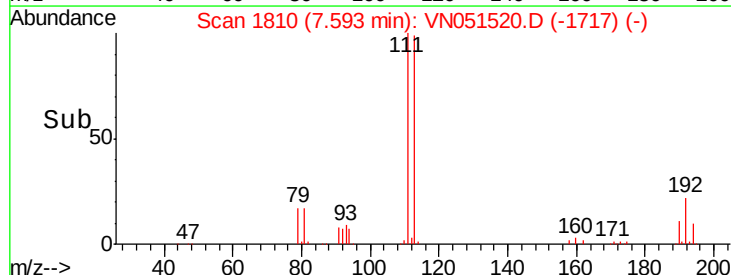
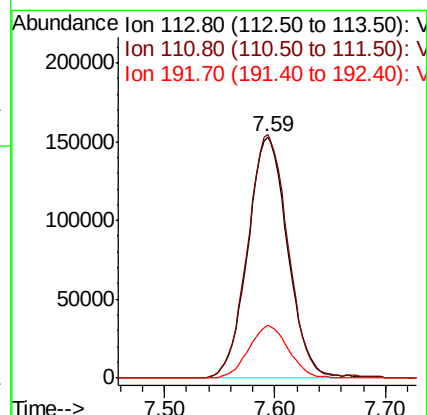
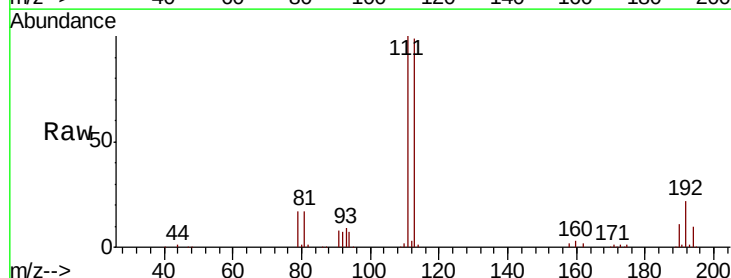
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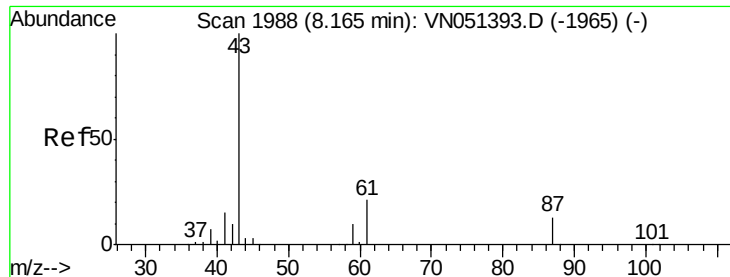
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#35
Dibromofluoromethane
Concen: 47.906 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051520.D
Acq: 26 Sep 2018 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.2	82.6	123.8
192	21.9	18.0	27.0





#43

Isopropyl Acetate

Concen: 23.656 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051520.D

Acq: 26 Sep 2018 7:28

Instrument :

MSVOA_N

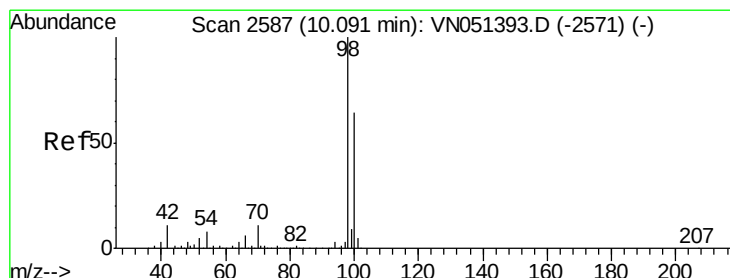
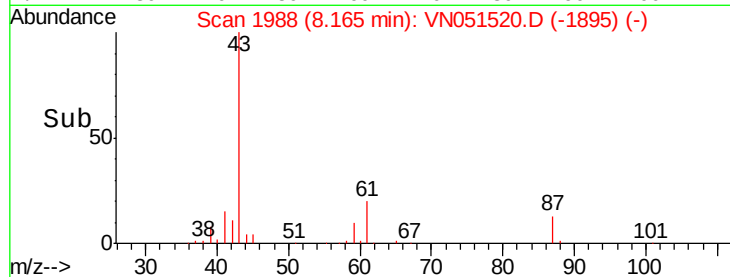
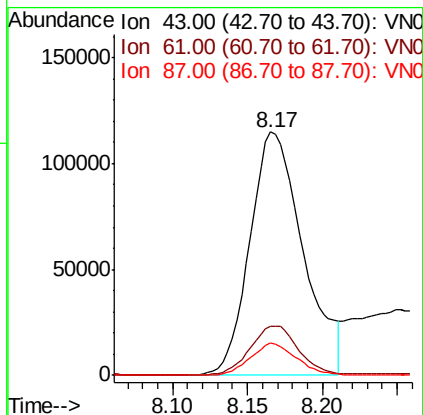
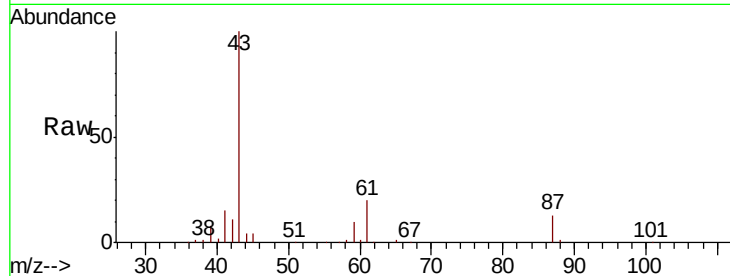
ClientSampleId :

PB113167ZHE#09

Tgt Ion:	43	Resp:	284589
Ion	Ratio	Lower	Upper
43	100		
61	18.5	16.8	25.2
87	11.5	10.7	16.1

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#50

Toluene-d8

Concen: 46.286 ug/l

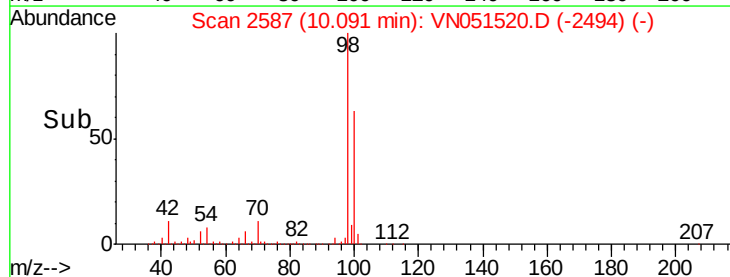
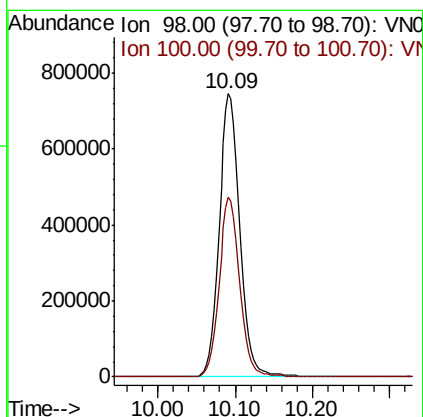
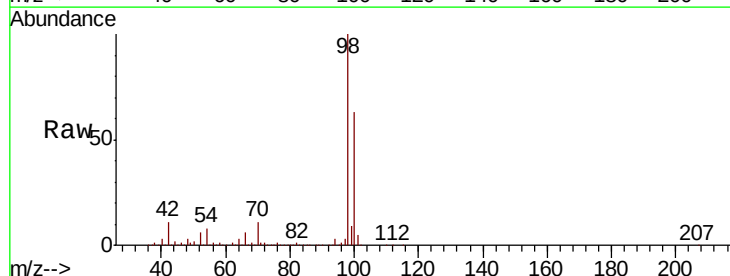
RT: 10.09 min Scan# 2587

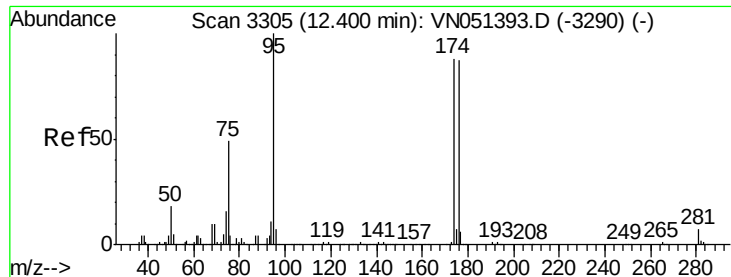
Delta R.T. -0.00 min

Lab File: VN051520.D

Acq: 26 Sep 2018 7:28

Tgt Ion:	98	Resp:	1392690
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.6	75.8





#62

4-Bromofluorobenzene

Concen: 37.355 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051520.D

Acq: 26 Sep 2018 7:28

Instrument :

MSVOA_N

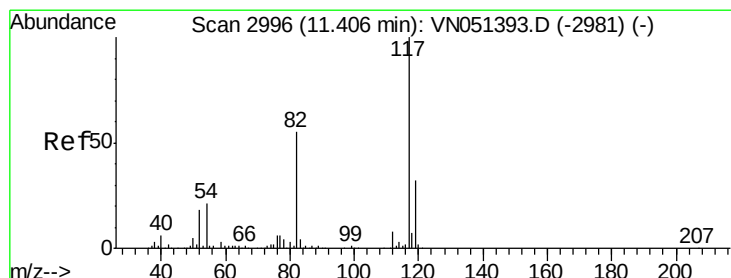
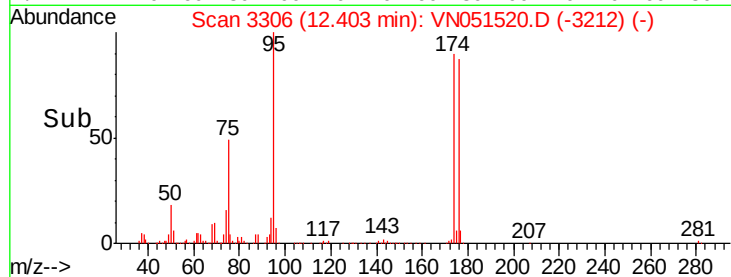
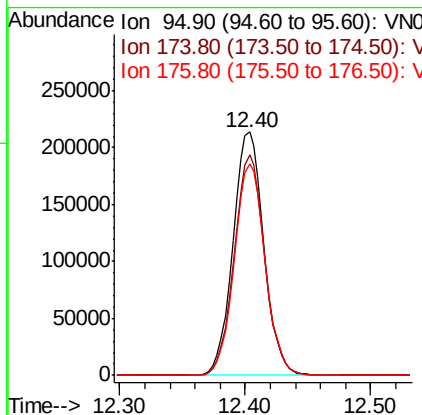
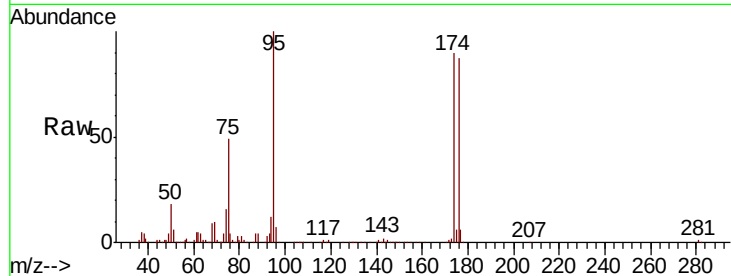
ClientSampleId :

PB113167ZHE#09

Tgt Ion:	95	Resp:	363602
Ion Ratio	Lower	Upper	
95	100		
174	89.8	0.0	181.6
176	86.7	0.0	176.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

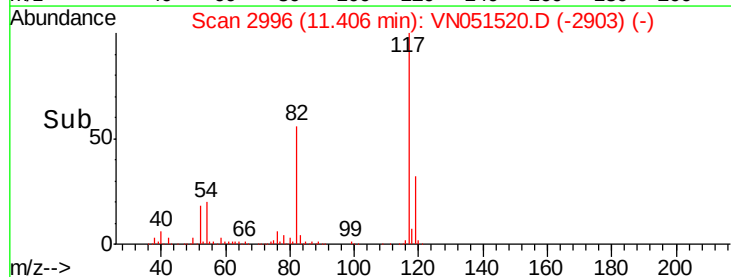
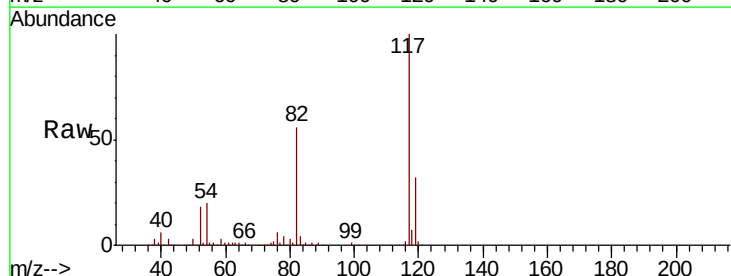
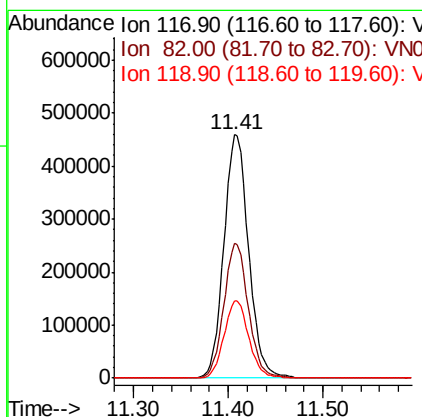
RT: 11.41 min Scan# 2996

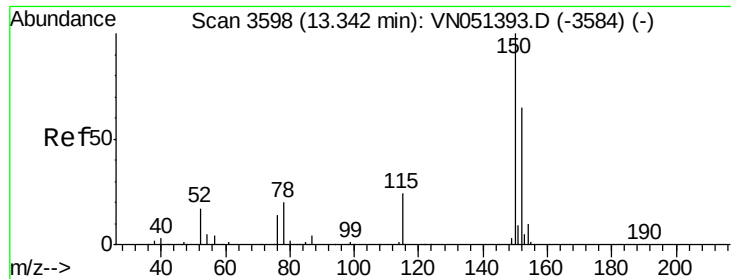
Delta R.T. -0.00 min

Lab File: VN051520.D

Acq: 26 Sep 2018 7:28

Tgt Ion:	117	Resp:	832001
Ion Ratio	Lower	Upper	
117	100		
82	55.6	44.2	66.2
119	31.8	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051520.D

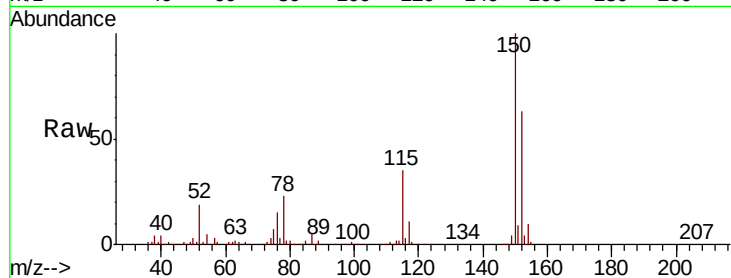
Acq: 26 Sep 2018 7:28

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#09



Tgt Ion: 152 Resp: 274547

Ion Ratio Lower Upper

152 100

115 56.0 28.3 84.9

150 158.2 0.0 353.6

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