

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051444.D
 Acq On : 24 Sep 2018 4:41
 Operator : MD\SY
 Sample : PB113124ZHE#15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113124ZHE#15

Manual Integrations
 APPROVED

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 9/24/2018 2:15:32 PM

Quant Time: Sep 24 08:43:18 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	613037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	965610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	804460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	423179	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.59	113	368864	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	10.09	98	1334482	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	354089	37.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.28%	
Target Compounds						
18) Methyl Acetate	4.34	43	17205m	2.942	ug/l	
20) Methylene Chloride	4.55	84	10336	1.360	ug/l	98
43) Isopropyl Acetate	8.17	43	295227	25.394	ug/l #	90

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

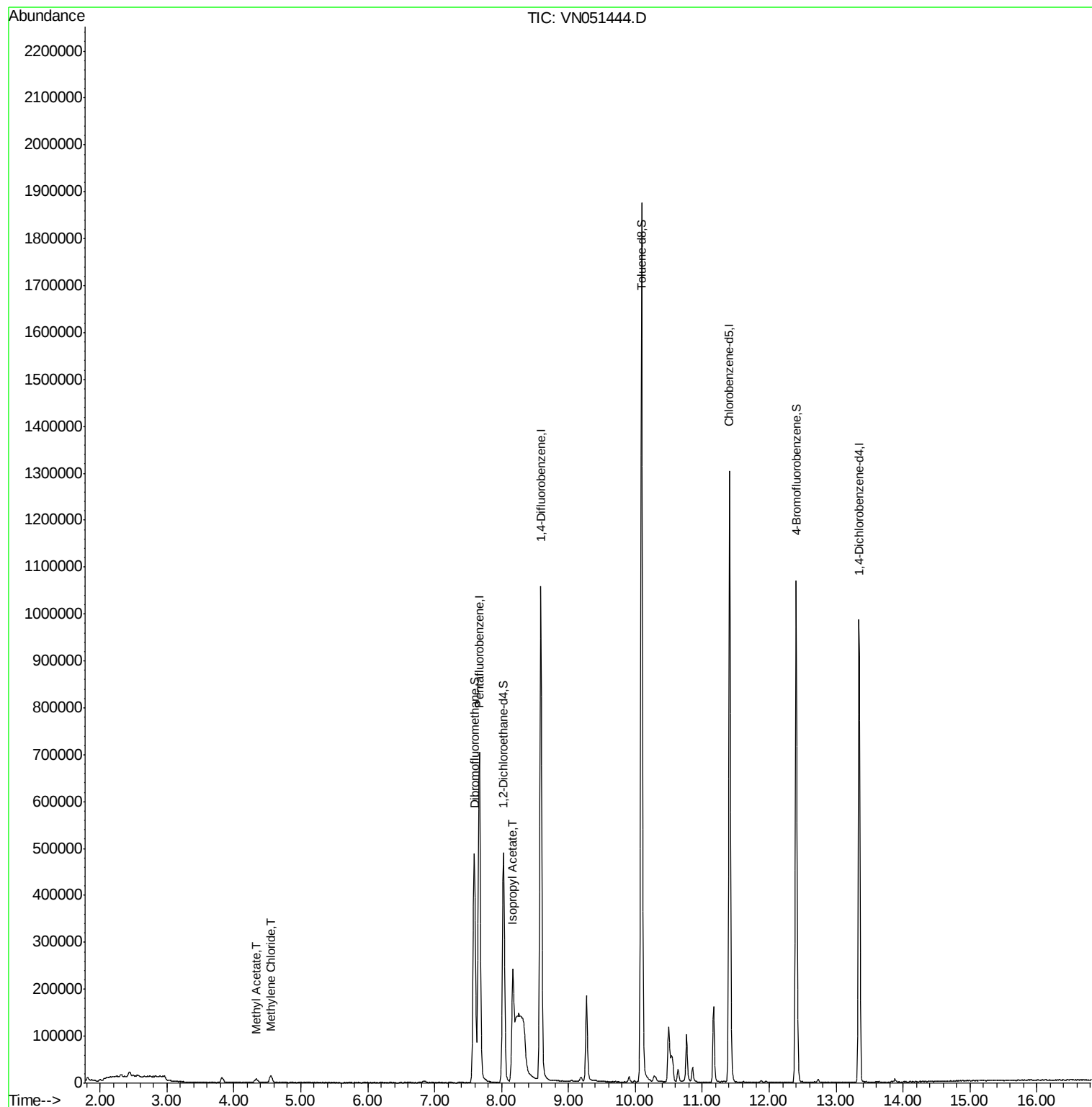
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051444.D
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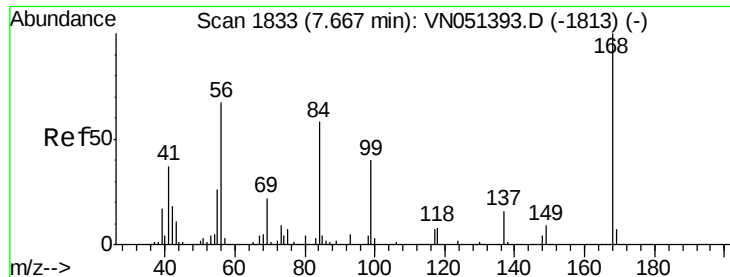
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051444.D

Acq: 24 Sep 2018 4:41

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#15

Tgt Ion:168 Resp: 613037

Ion Ratio Lower Upper

168 100

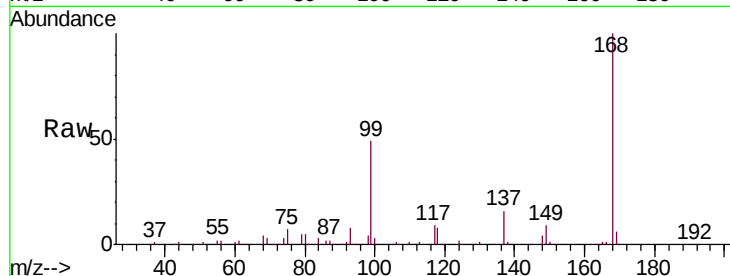
99 48.8 40.2 60.2

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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

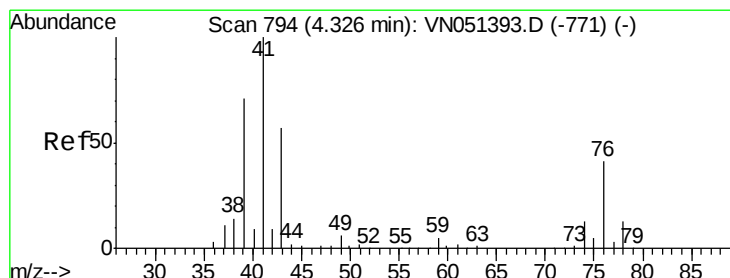
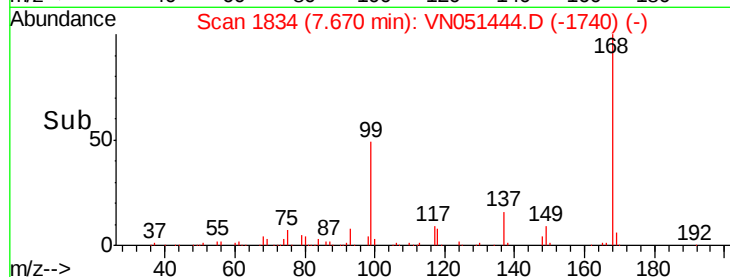
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.942 ug/l m

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051444.D

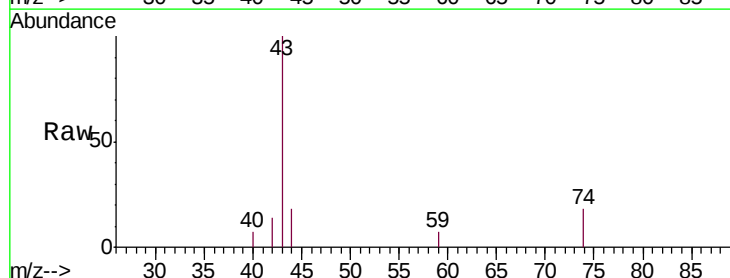
Acq: 24 Sep 2018 4:41

Tgt Ion: 43 Resp: 17205

Ion Ratio Lower Upper

43 100

74 17.2 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) (-)

4.34

6000

5000

4000

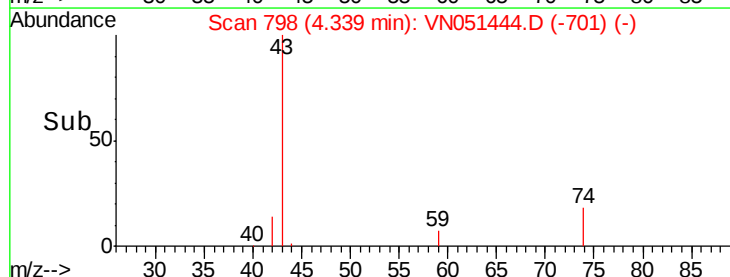
3000

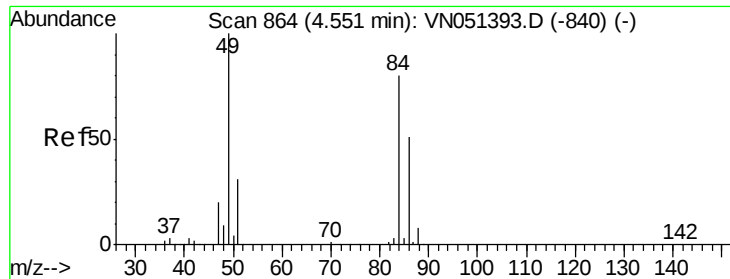
2000

1000

0

Time-->





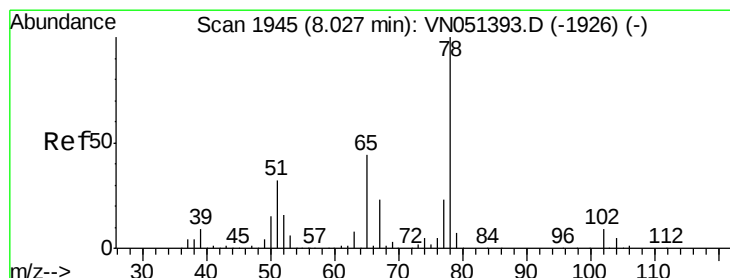
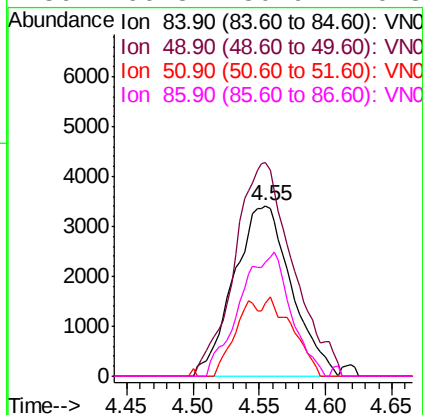
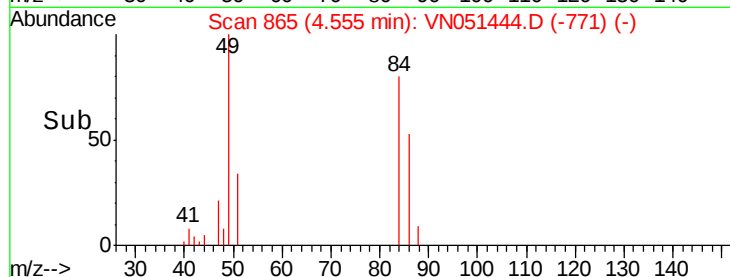
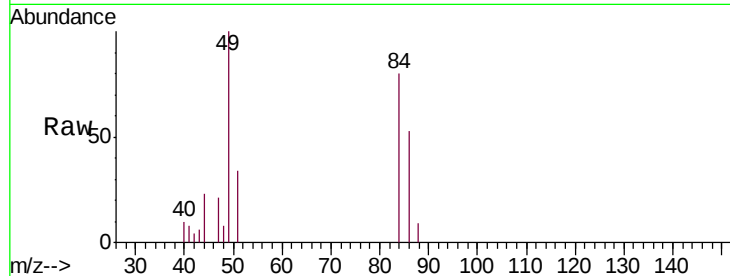
#20
Methylene Chloride
Concen: 1.360 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051444.D
Acq: 24 Sep 2018 4:41

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.4	99.9	149.9
51	42.9	31.4	47.2
86	66.8	50.9	76.3

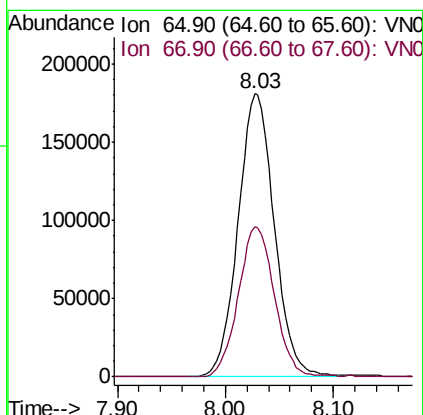
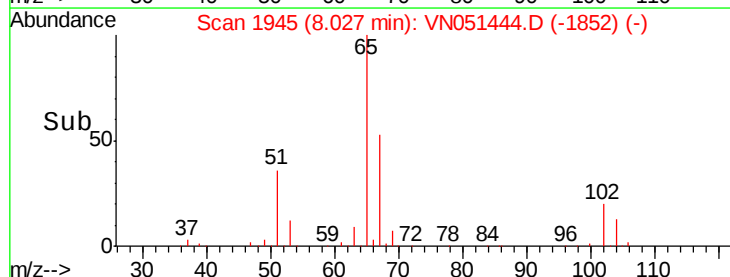
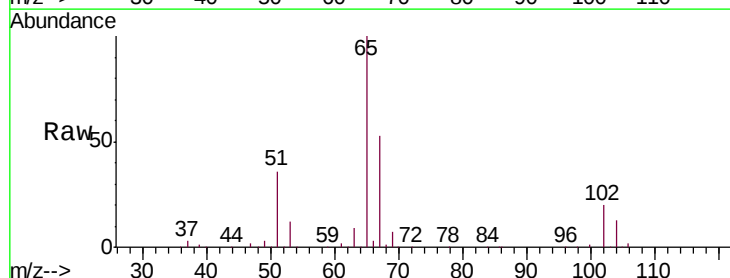
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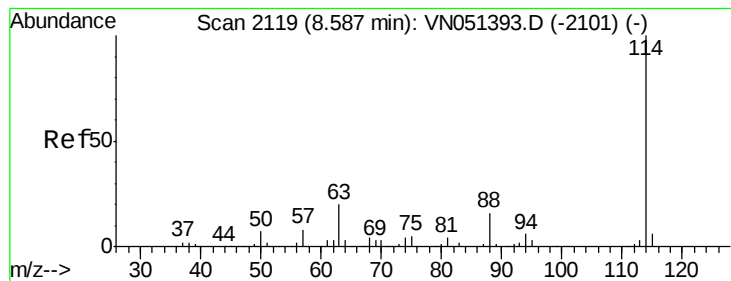
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#33
1,2-Dichloroethane-d4
Concen: 55.106 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051444.D
Acq: 24 Sep 2018 4:41

Tgt 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# 2119

Delta R.T. -0.00 min

Lab File: VN051444.D

Acq: 24 Sep 2018 4:41

Instrument :

MSVOA_N

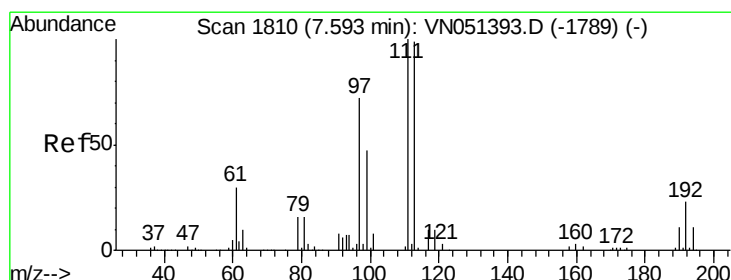
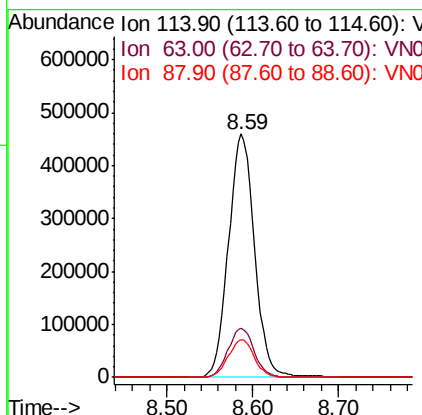
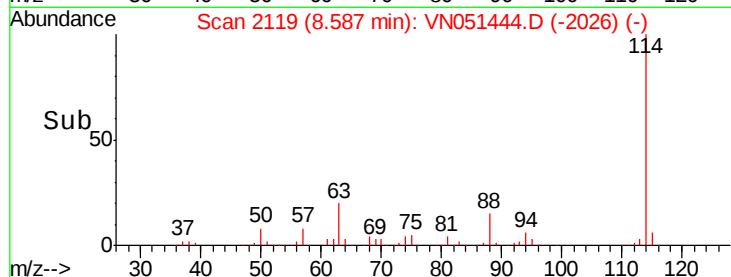
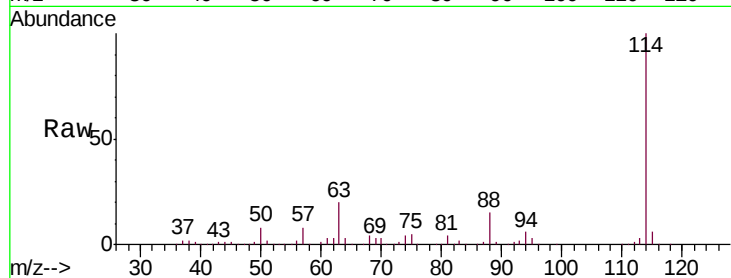
ClientSampleId :

PB113124ZHE#15

Tgt Ion:	114	Resp:	965610
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	40.2
88	15.4	0.0	31.4

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#35

Dibromofluoromethane

Concen: 47.771 ug/l

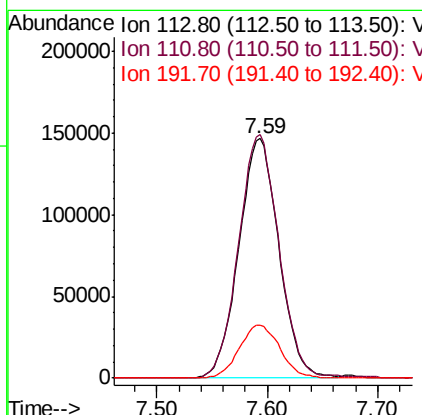
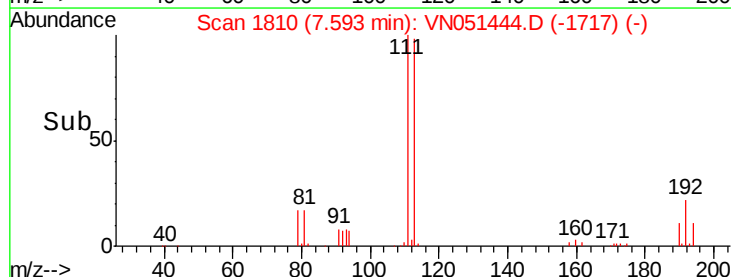
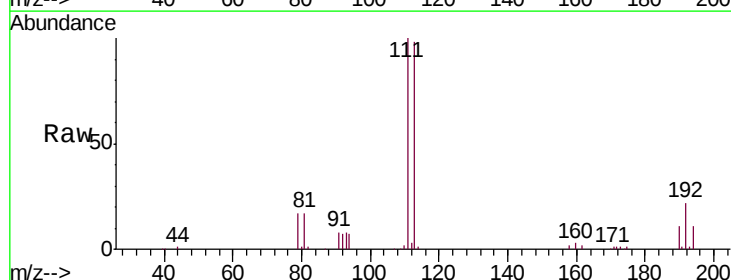
RT: 7.59 min Scan# 1810

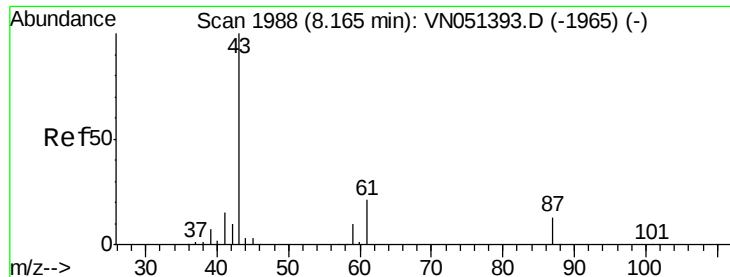
Delta R.T. -0.00 min

Lab File: VN051444.D

Acq: 24 Sep 2018 4:41

Tgt Ion:	113	Resp:	368864
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.6	123.8
192	22.5	18.0	27.0





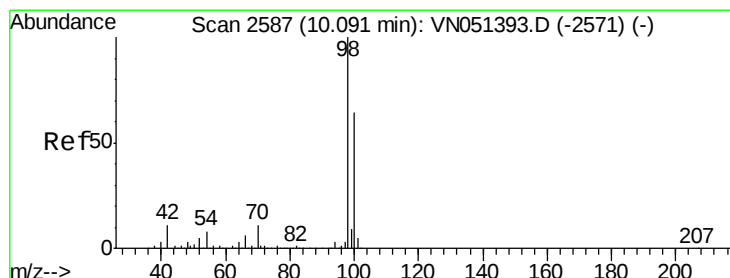
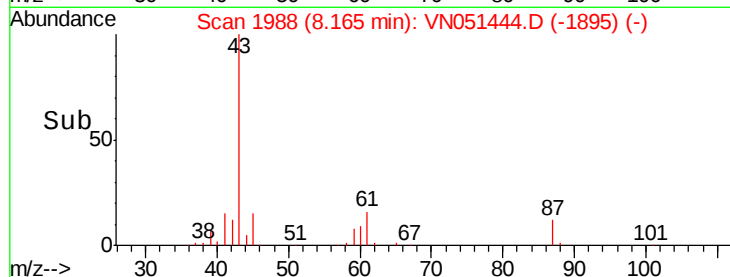
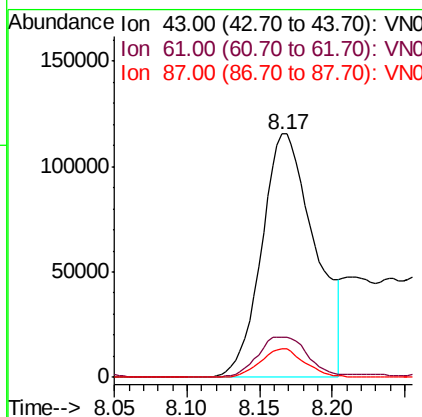
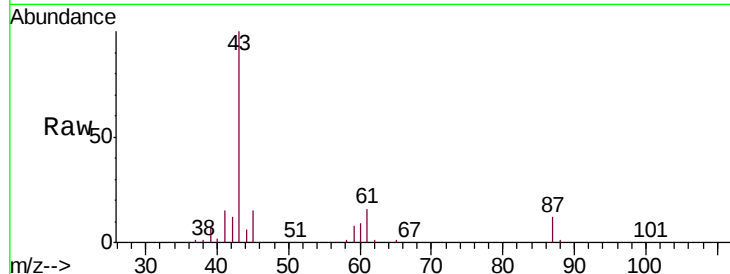
#43
Isopropyl Acetate
Concen: 25.394 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051444.D
Acq: 24 Sep 2018 4:41

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	16.8	25.2#
87	9.8	10.7	16.1#

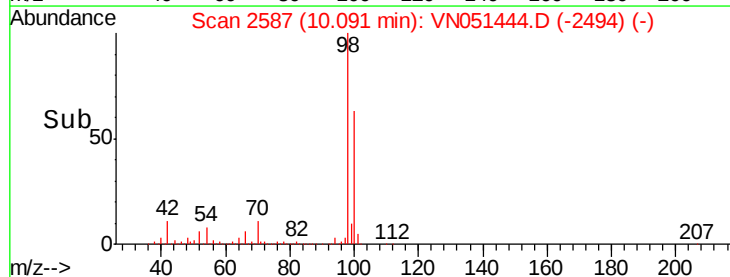
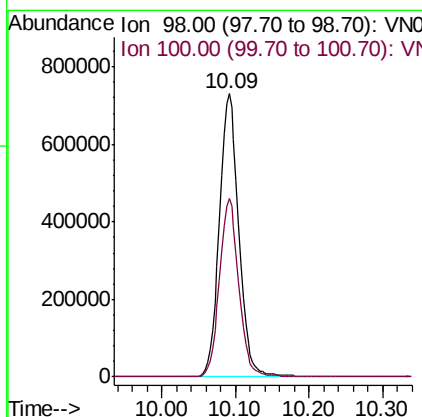
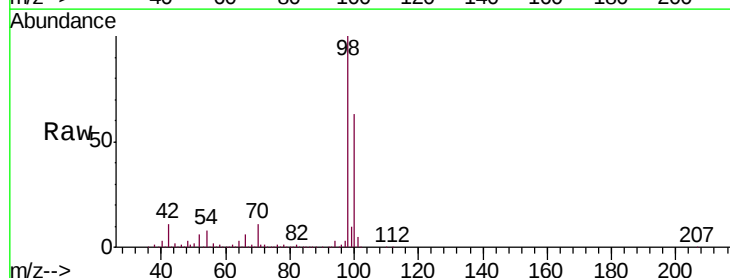
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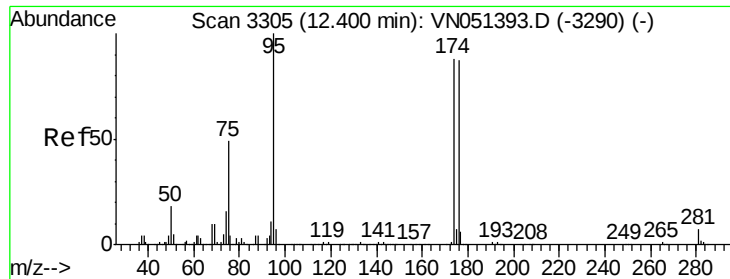
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#50
Toluene-d8
Concen: 45.895 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051444.D
Acq: 24 Sep 2018 4:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.6	75.8





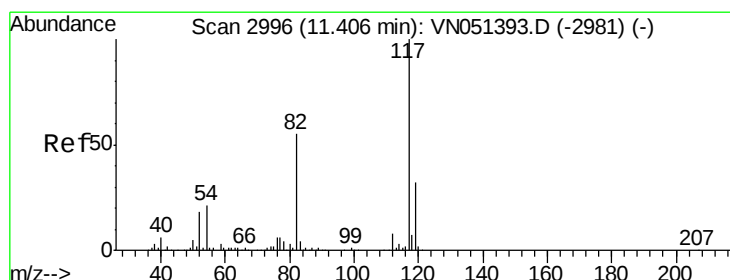
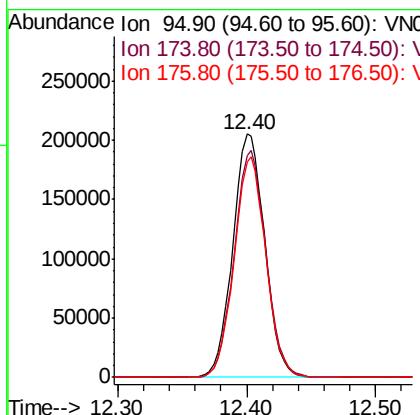
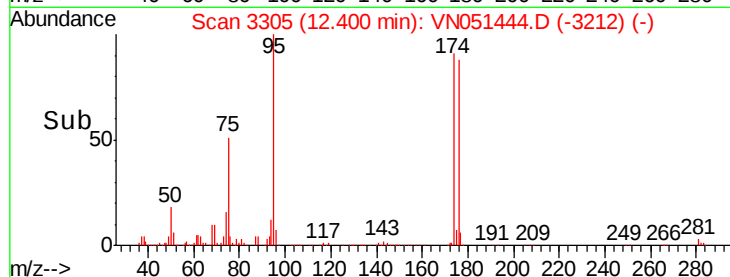
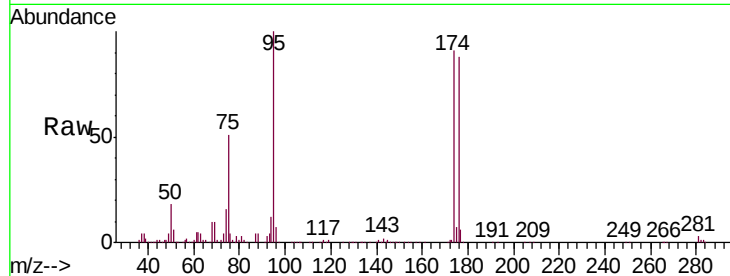
#62
4-Bromofluorobenzene
Concen: 37.644 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051444.D
Acq: 24 Sep 2018 4:41

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#15

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	354089		
174	92.6	0.0	181.6	
176	89.2	0.0	176.4	

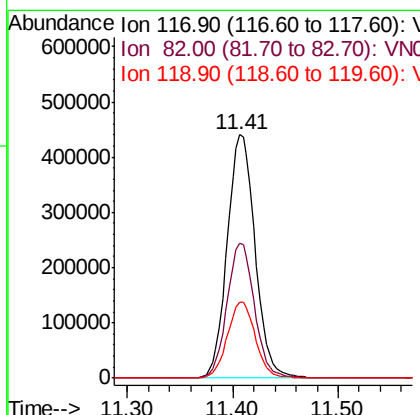
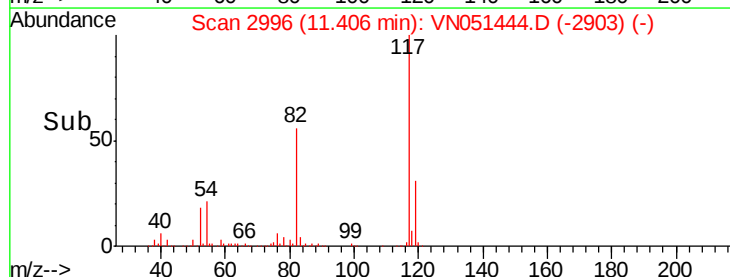
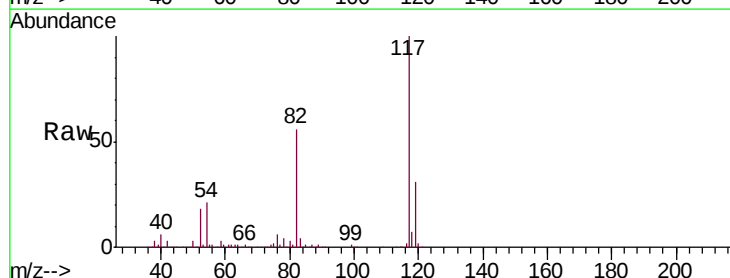
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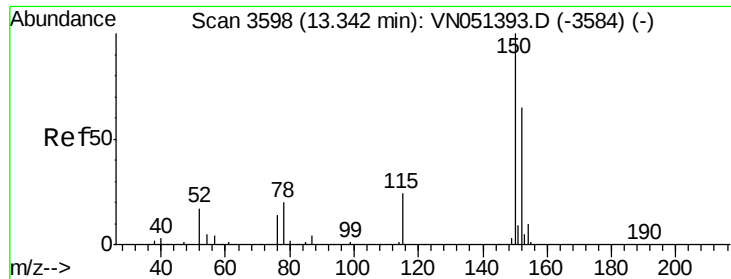
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051444.D
Acq: 24 Sep 2018 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	804460		
82	55.6	44.2	66.2	
119	31.2	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: VN051444.D

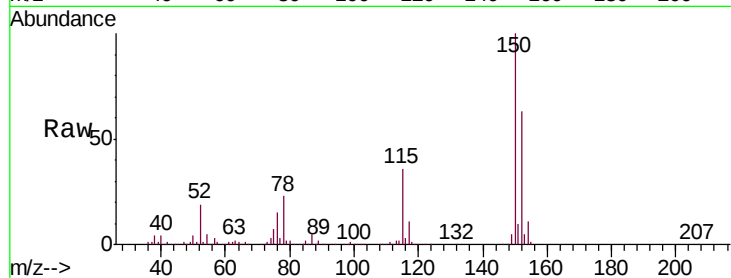
Acq: 24 Sep 2018 4:41

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#15



Tgt Ion:152 Resp: 285519

Ion Ratio Lower Upper

152 100

115 56.9 28.3 84.9

150 158.9 0.0 353.6

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