

Data File : VN051502.D
Acq On : 25 Sep 2018 23:15
Operator : MD\SY
Sample : J5065-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-126

Manual Integrations
APPROVED

mmdadoda
9/30/2018 9:54:07 AM

Quant Time: Oct 05 04:08:00 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	661666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	993687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	849397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	351346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	436181	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.59	113	389391	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.09	98	1407926	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	12.40	95	421057	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	
Target Compounds						
16) Acetone	3.82	43	46497	1.312	ug/l	98
25) 2-Butanone	6.86	43	19284m	6.797	ug/l	
27) cis-1,2-Dichloroethene	6.84	96	27401	3.316	ug/l	92
30) Chloroform	7.37	83	28111	1.992	ug/l	98
37) Ethyl Acetate	6.94	43	24381	3.685	ug/l #	95
44) Trichloroethene	8.83	130	4349	0.485	ug/l	96
52) Toluene	10.16	92	22586	1.076	ug/l	99
64) Tetrachloroethene	10.63	164	10395	1.348	ug/l	92
67) Ethyl Benzene	11.51	91	9968	0.271	ug/l	94

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

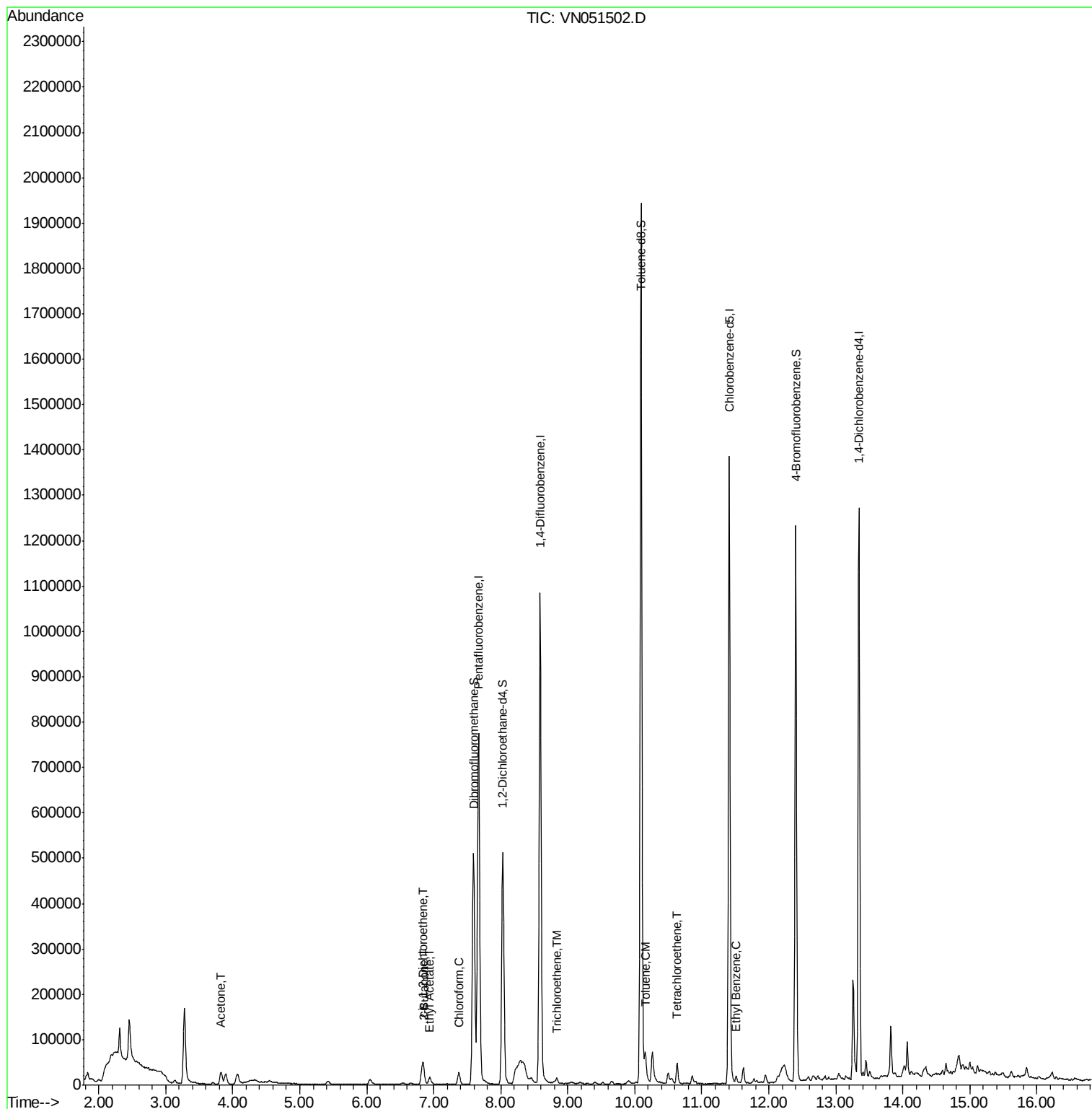
Data File : VN051502.D
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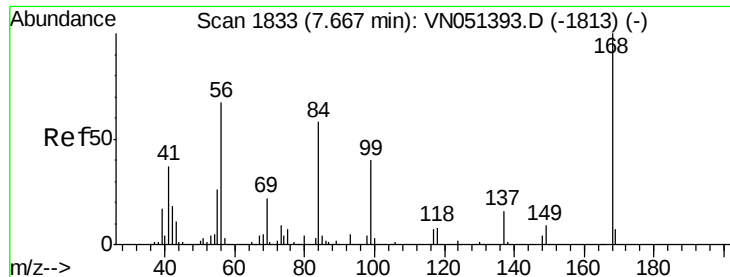
Instrument :
MSVOA_N
ClientSampleId :
MH-126

Manual Integrations
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9/30/2018 9:54:07 AM

Quant Time: Oct 05 04:08:00 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051502.D

Acq: 25 Sep 2018 23:15

Instrument :

MSVOA_N

ClientSampled :

MH-126

Tgt Ion:168 Resp: 661666

Ion Ratio Lower Upper

168 100

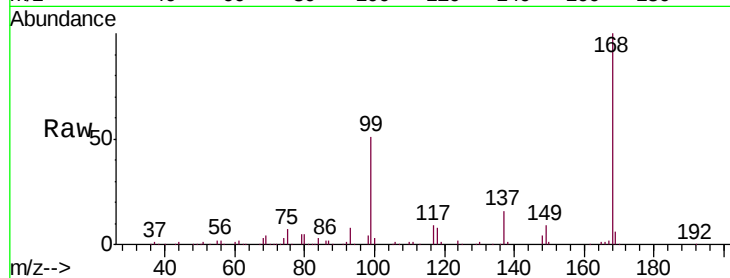
99 51.2 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

150000

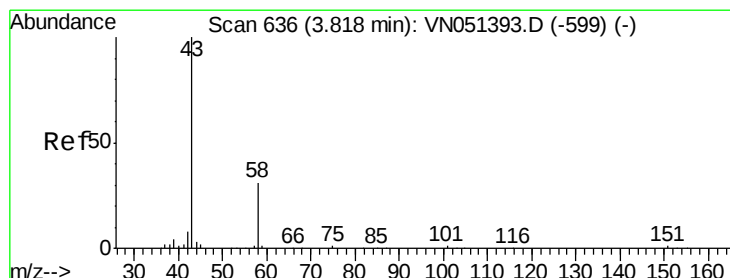
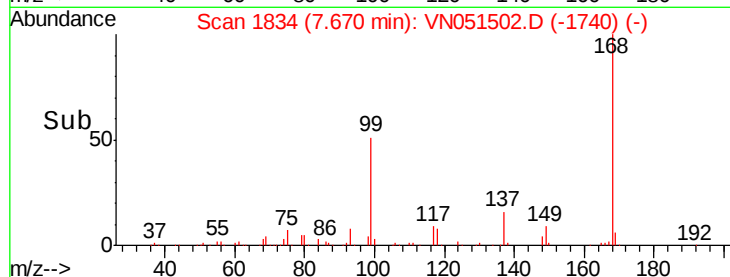
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.312 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051502.D

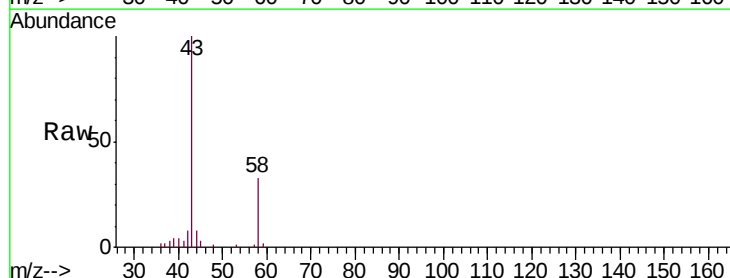
Acq: 25 Sep 2018 23:15

Tgt Ion: 43 Resp: 46497

Ion Ratio Lower Upper

43 100

58 32.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

15000

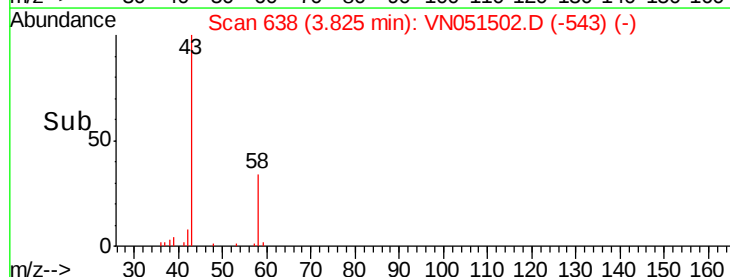
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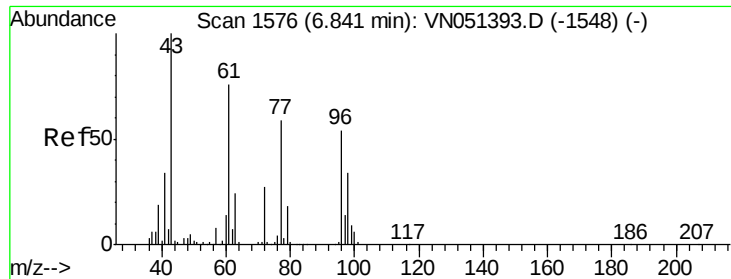
5000

0

3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 6.797 ug/l m

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN051502.D

Acq: 25 Sep 2018 23:15

Instrument :

MSVOA_N

ClientSampled :

MH-126

Tgt Ion: 43 Resp: 19284

Ion Ratio Lower Upper

43 100

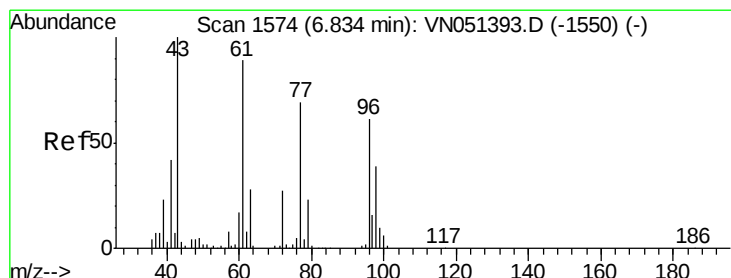
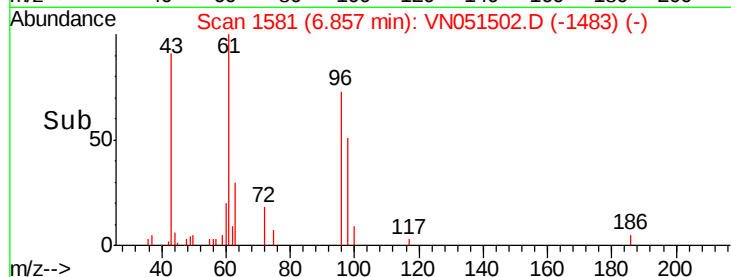
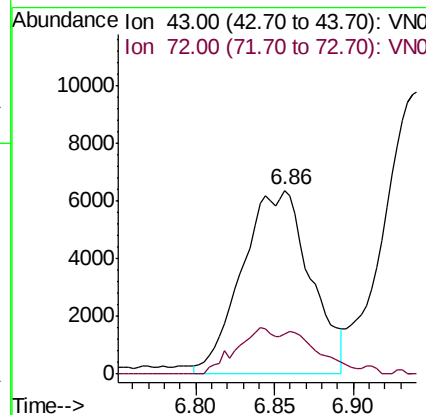
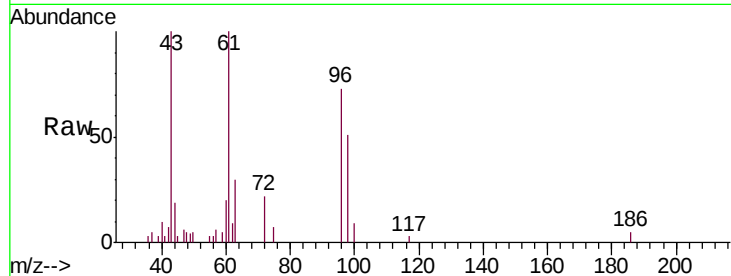
72 21.6 21.8 32.6#

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#27

cis-1,2-Dichloroethene

Concen: 3.316 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN051502.D

Acq: 25 Sep 2018 23:15

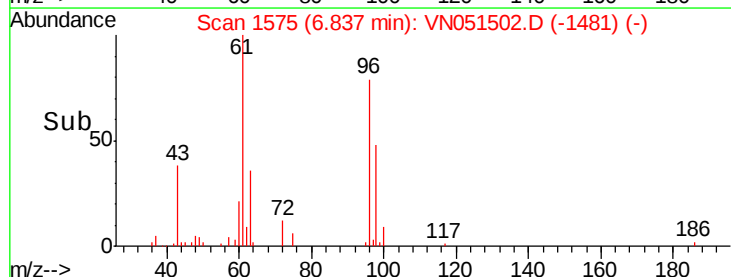
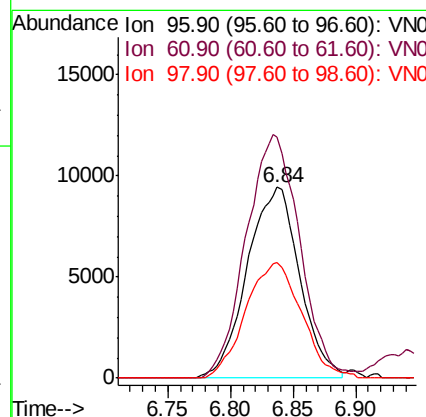
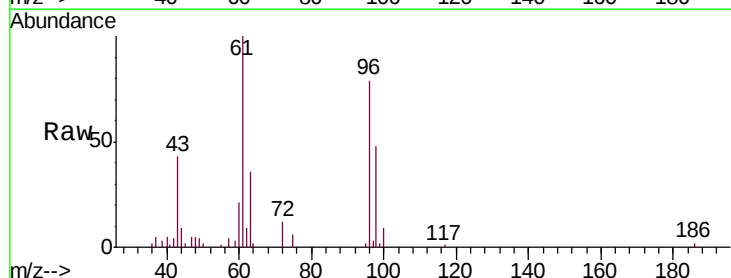
Tgt Ion: 96 Resp: 27401

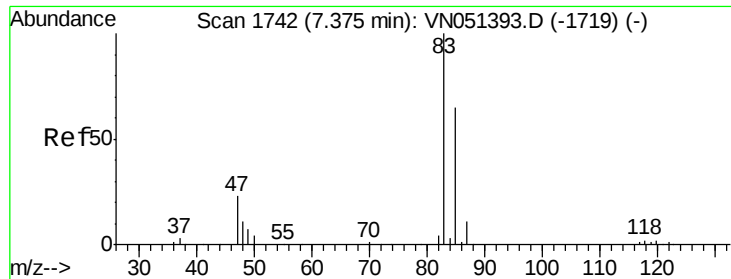
Ion Ratio Lower Upper

96 100

61 131.0 0.0 291.4

98 64.6 0.0 128.4





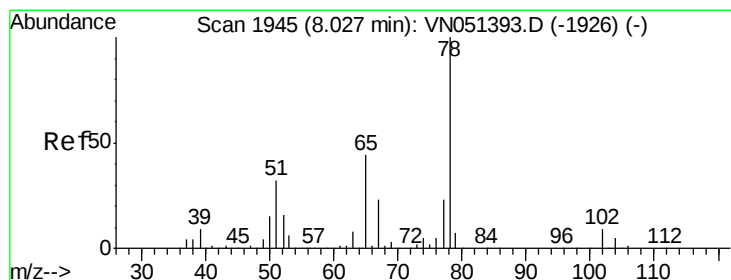
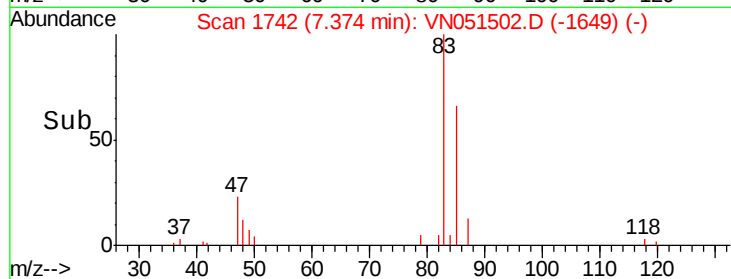
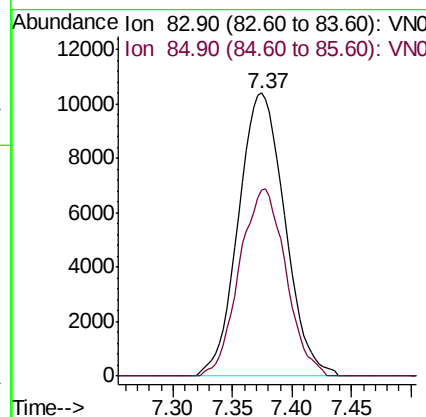
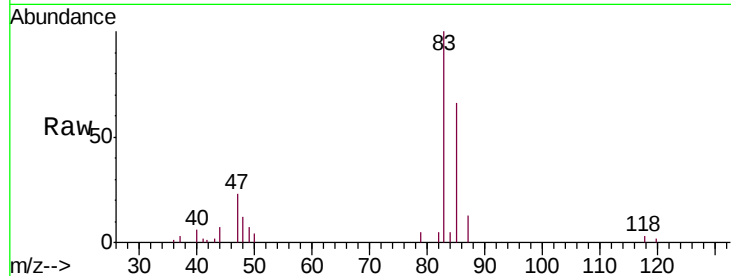
#30
Chloroform
Concen: 1.992 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051502.D
Acq: 25 Sep 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
MH-126

Tgt Ion: 83 Resp: 28111
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.6

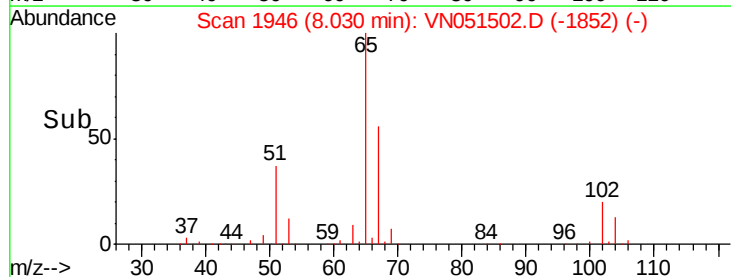
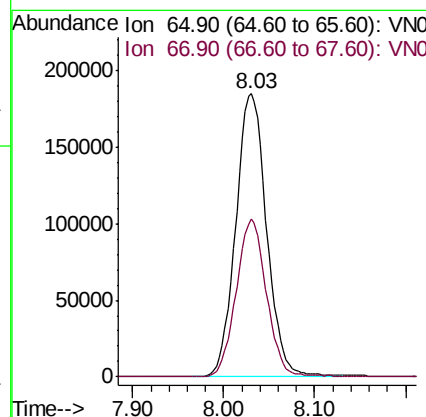
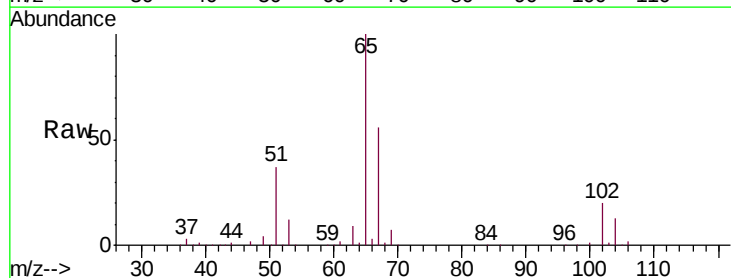
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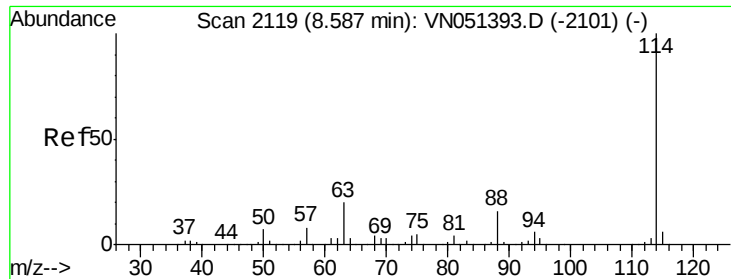
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#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051502.D
Acq: 25 Sep 2018 23:15

Tgt Ion: 65 Resp: 436181
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8





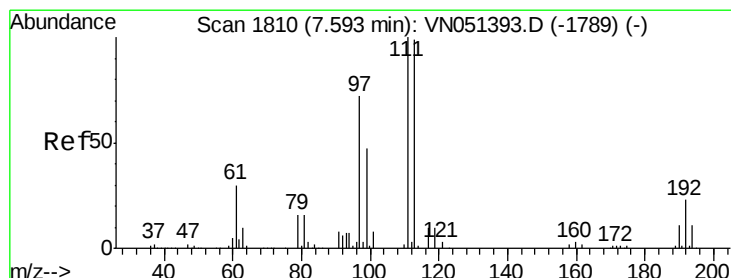
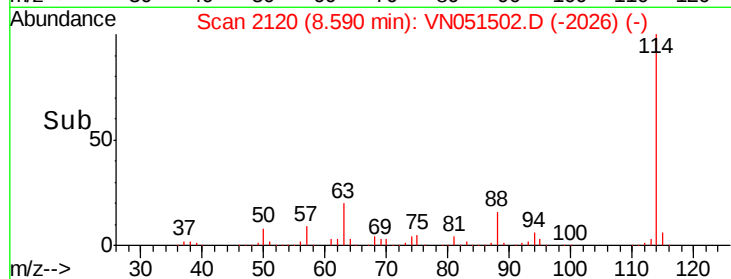
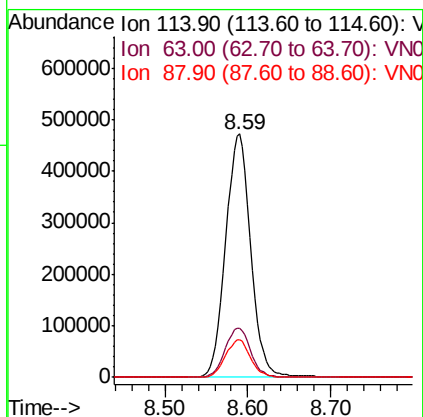
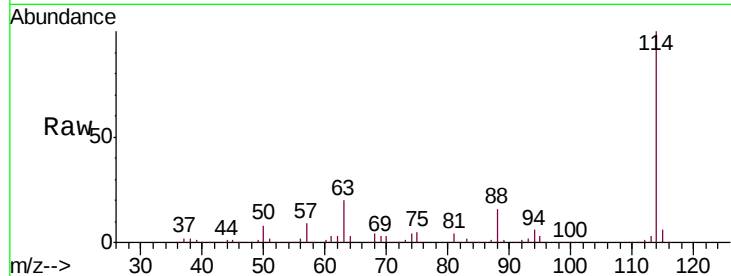
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051502.D
 Acq: 25 Sep 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-126

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	993687		
63	20.2	0.0	40.2	
88	15.7	0.0	31.4	

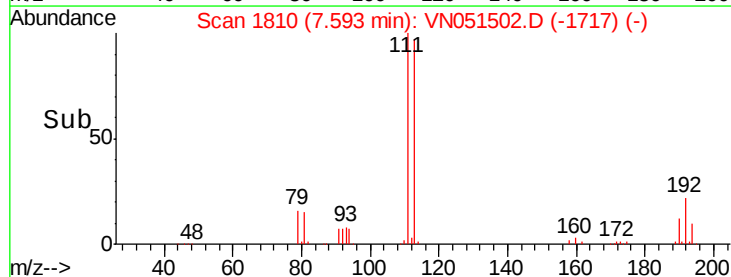
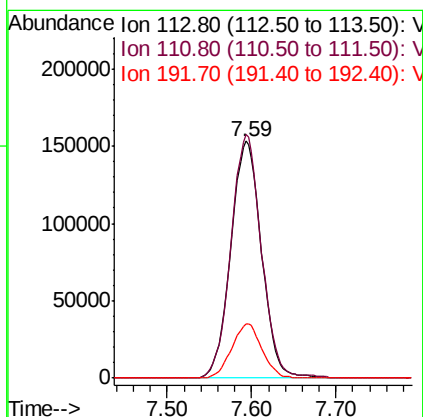
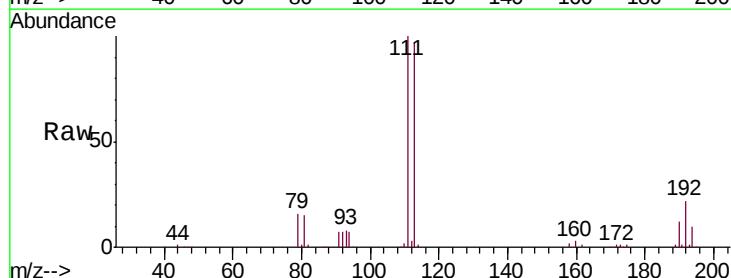
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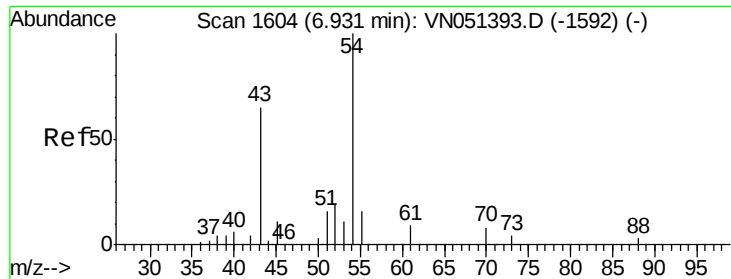
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051502.D
 Acq: 25 Sep 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	389391		
111	101.7	82.6	123.8	
192	22.5	18.0	27.0	





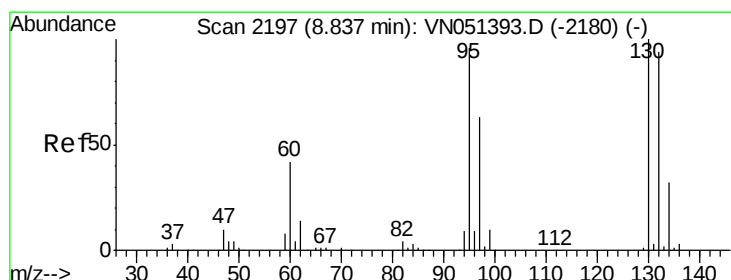
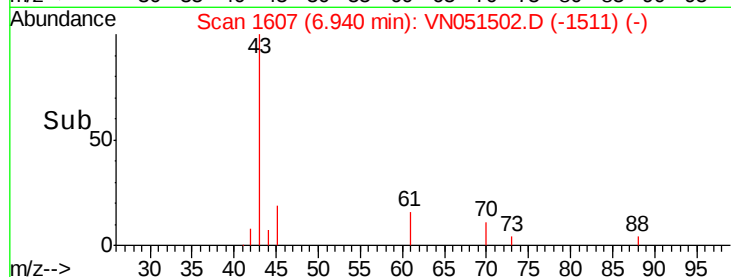
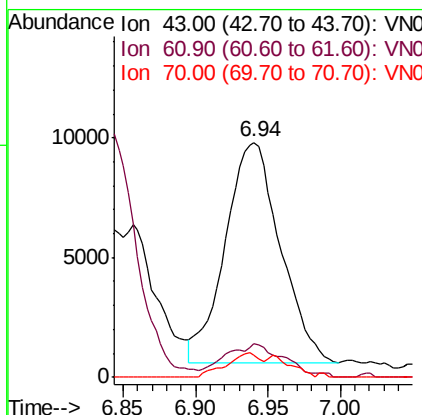
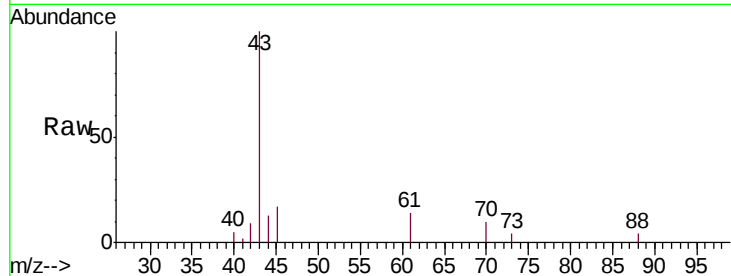
#37
Ethyl Acetate
Concen: 3.685 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VN051502.D
Acq: 25 Sep 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
MH-126

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	6.8	7.9	11.9

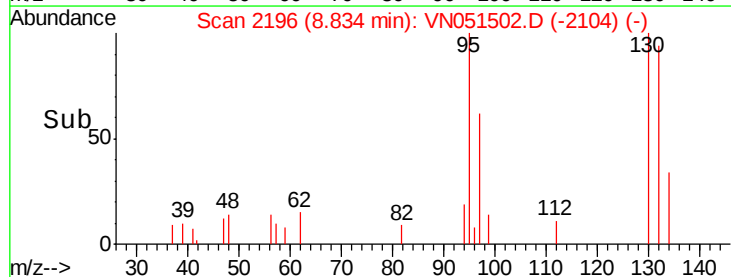
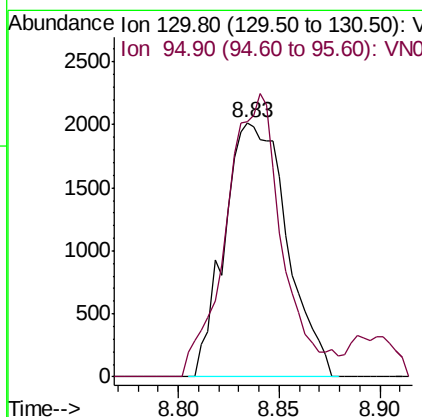
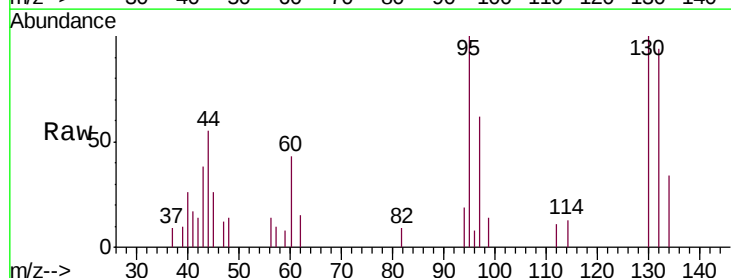
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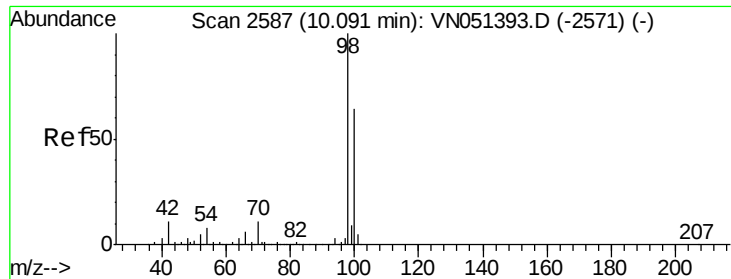
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#44
Trichloroethene
Concen: 0.485 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN051502.D
Acq: 25 Sep 2018 23:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	192.2





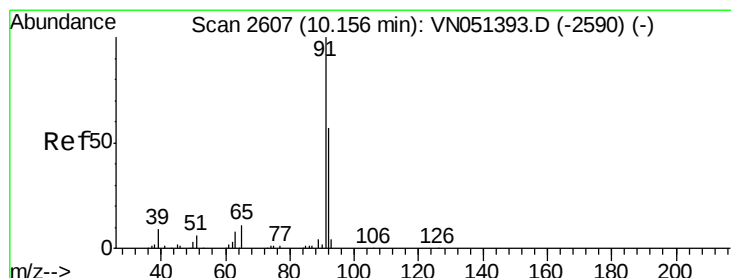
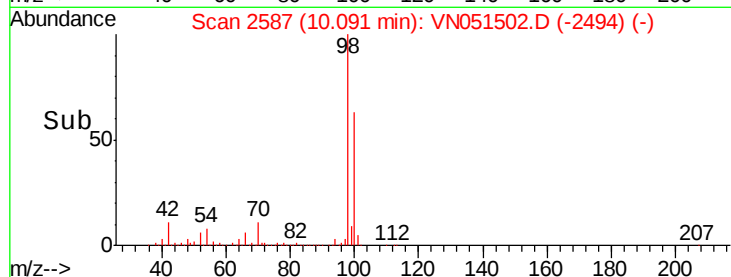
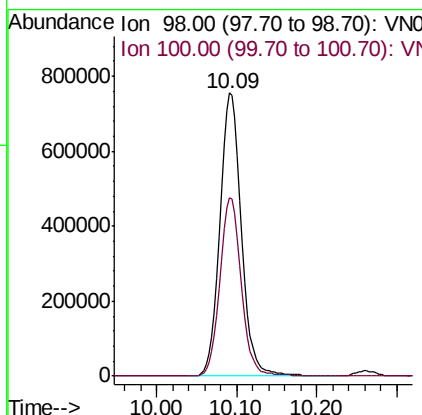
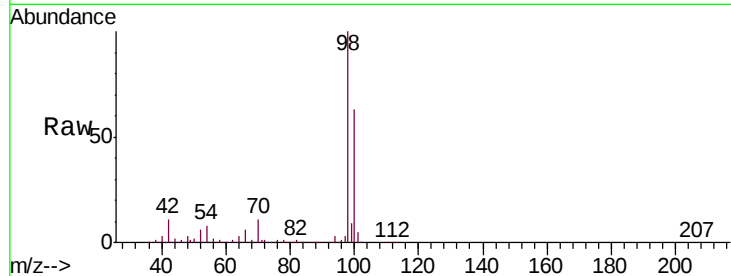
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051502.D
Acq: 25 Sep 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
MH-126

Tgt Ion: 98 Resp: 1407926
Ion Ratio Lower Upper
98 100
100 62.8 50.6 75.8

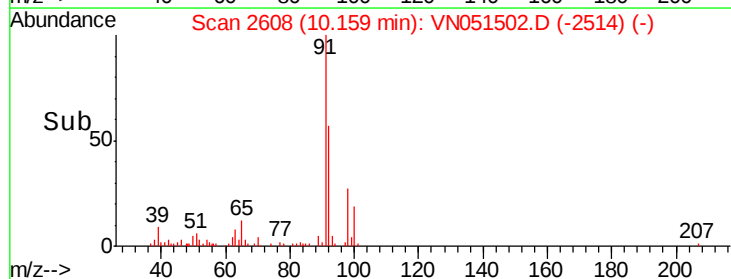
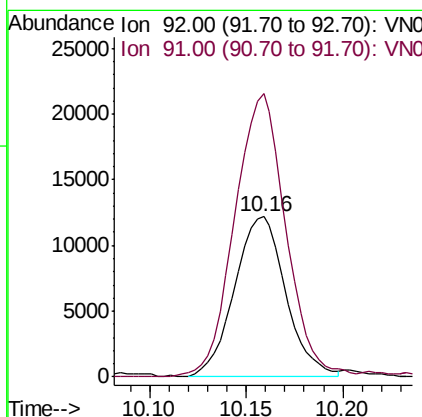
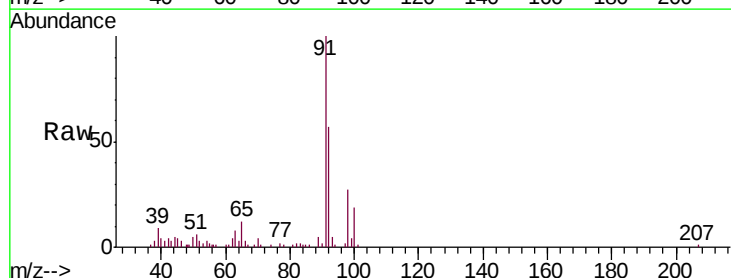
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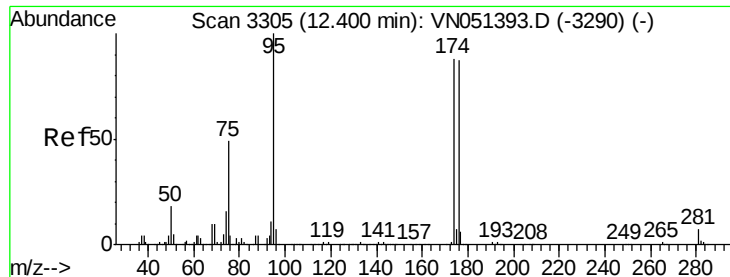
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#52
Toluene
Concen: 1.076 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN051502.D
Acq: 25 Sep 2018 23:15

Tgt Ion: 92 Resp: 22586
Ion Ratio Lower Upper
92 100
91 176.1 142.2 213.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051502.D

Acq: 25 Sep 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

MH-126

Tgt Ion: 95 Resp: 421057
Ion Ratio Lower Upper

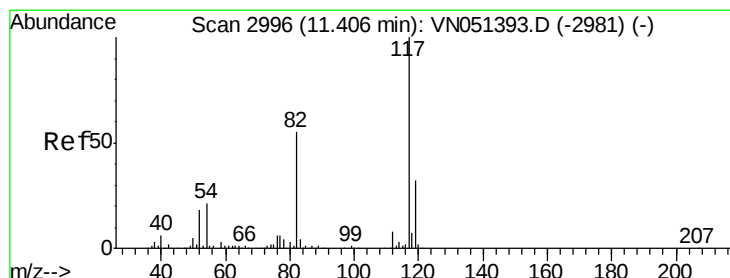
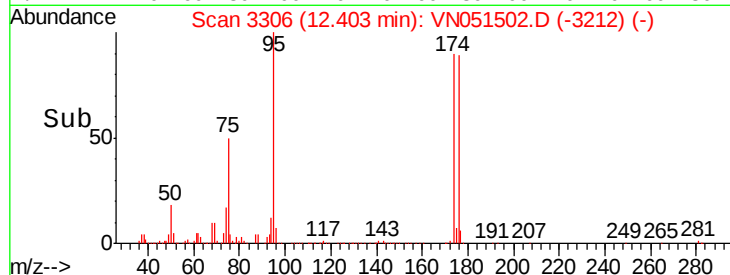
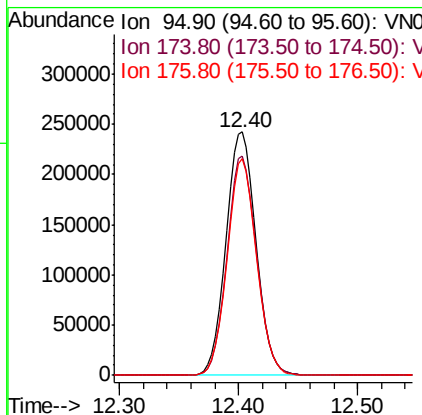
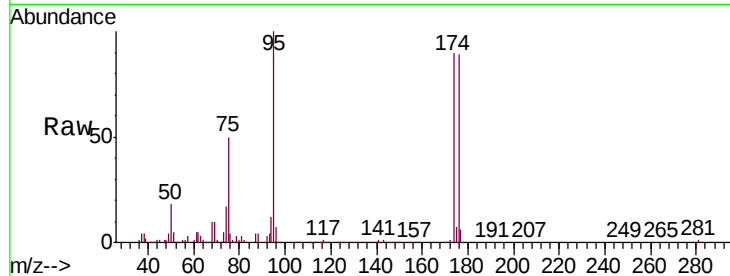
95 100

174 89.4 0.0 181.6

176 87.4 0.0 176.4

Manual Integrations
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9/30/2018 9:54:07 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051502.D

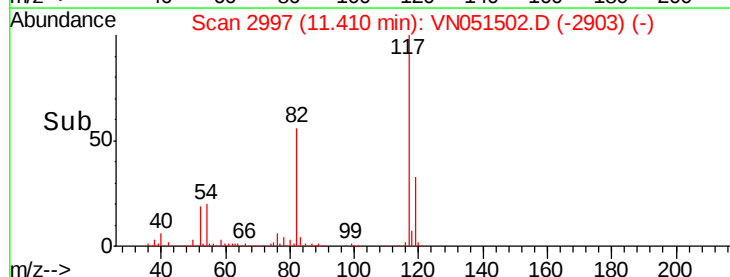
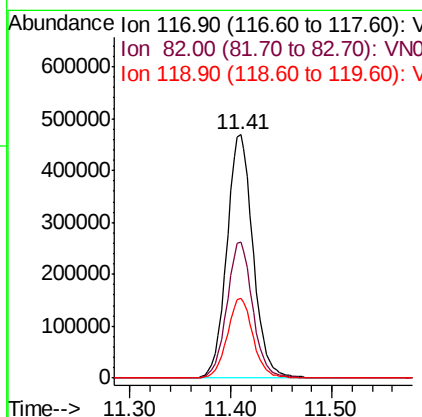
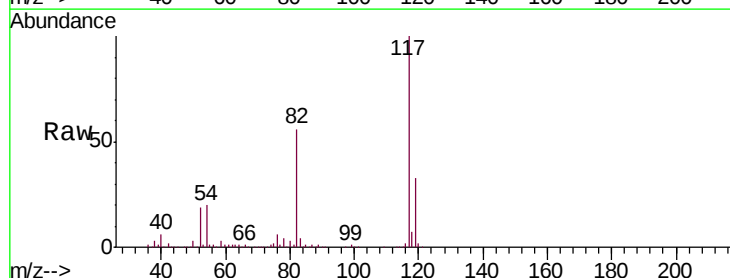
Acq: 25 Sep 2018 23:15

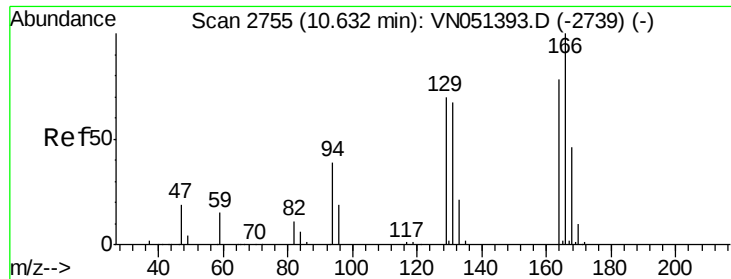
Tgt Ion: 117 Resp: 849397
Ion Ratio Lower Upper

117 100

82 55.9 44.2 66.2

119 32.7 25.9 38.9





#64

Tetrachloroethene

Concen: 1.348 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN051502.D

Acq: 25 Sep 2018 23:15

Instrument :

MSVOA_N

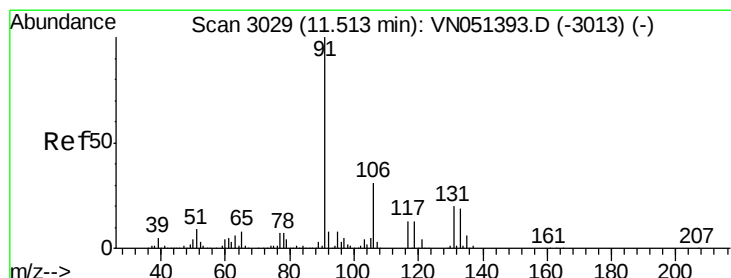
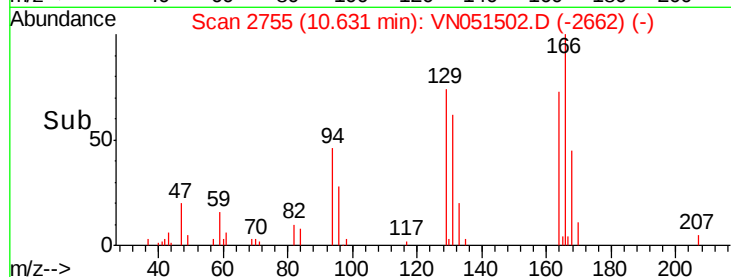
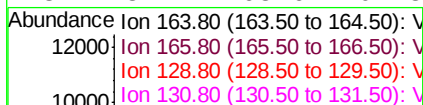
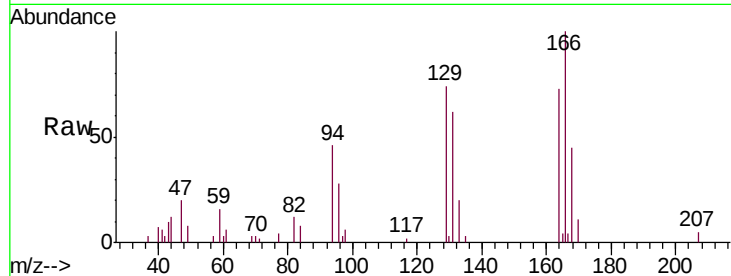
ClientSampleId :

MH-126

Tgt Ion:	164	Resp:	10395
Ion Ratio	Lower	Upper	
164	100		
166	136.9	102.3	153.5
129	101.9	71.8	107.8
131	81.2	68.6	102.8

Manual Integrations
APPROVED

mmdadoda
9/30/2018 9:54:07 AM



#67

Ethyl Benzene

Concen: 0.271 ug/l

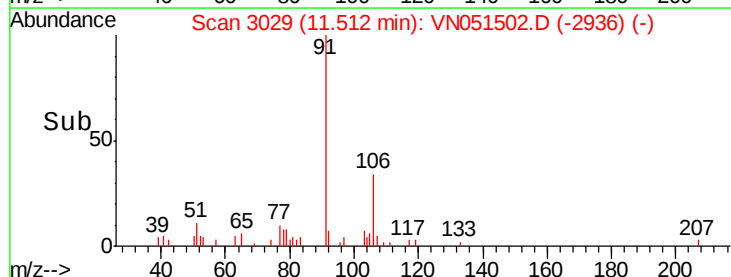
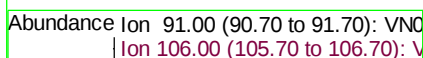
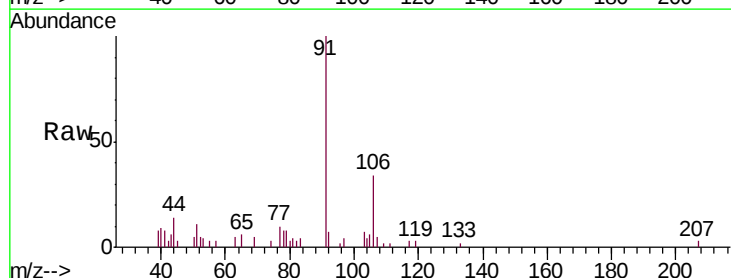
RT: 11.51 min Scan# 3029

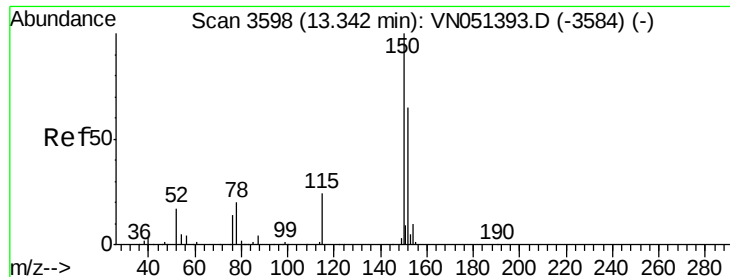
Delta R.T. -0.00 min

Lab File: VN051502.D

Acq: 25 Sep 2018 23:15

Tgt Ion:	91	Resp:	9968
Ion Ratio	Lower	Upper	
91	100		
106	34.5	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051502.D

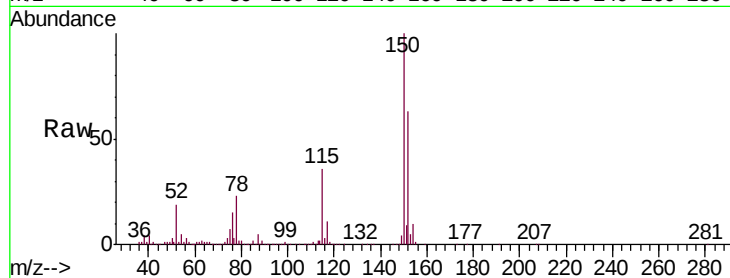
Acq: 25 Sep 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

MH-126



Tgt Ion:152 Resp: 351346

Ion Ratio Lower Upper

152 100

115 56.6 28.3 84.9

150 158.0 0.0 353.6

Manual Integrations
APPROVED

mmdadoda
9/30/2018 9:54:07 AM

