

Data File : VN051503.D
Acq On : 25 Sep 2018 23:40
Operator : MD\SY
Sample : J5065-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-124

Manual Integrations
APPROVED

apatel
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Quant Time: Oct 05 04:08:26 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	653761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	994499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	809463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438339	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
35) Dibromofluoromethane	7.59	113	382889	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.09	98	1393178	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.40	95	385457	39.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.58%	
Target Compounds						
25) 2-Butanone	6.84	43	18155	6.477	ug/l	91
27) cis-1,2-Dichloroethene	6.84	96	24238m	2.969	ug/l	
30) Chloroform	7.37	83	25515	1.829	ug/l	98
37) Ethyl Acetate	6.94	43	12971	1.959	ug/l #	90
44) Trichloroethene	8.84	130	3872	0.431	ug/l	92
52) Toluene	10.16	92	33222	1.581	ug/l	100
64) Tetrachloroethene	10.63	164	8770	1.194	ug/l	92
67) Ethyl Benzene	11.52	91	12770	0.365	ug/l	100

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

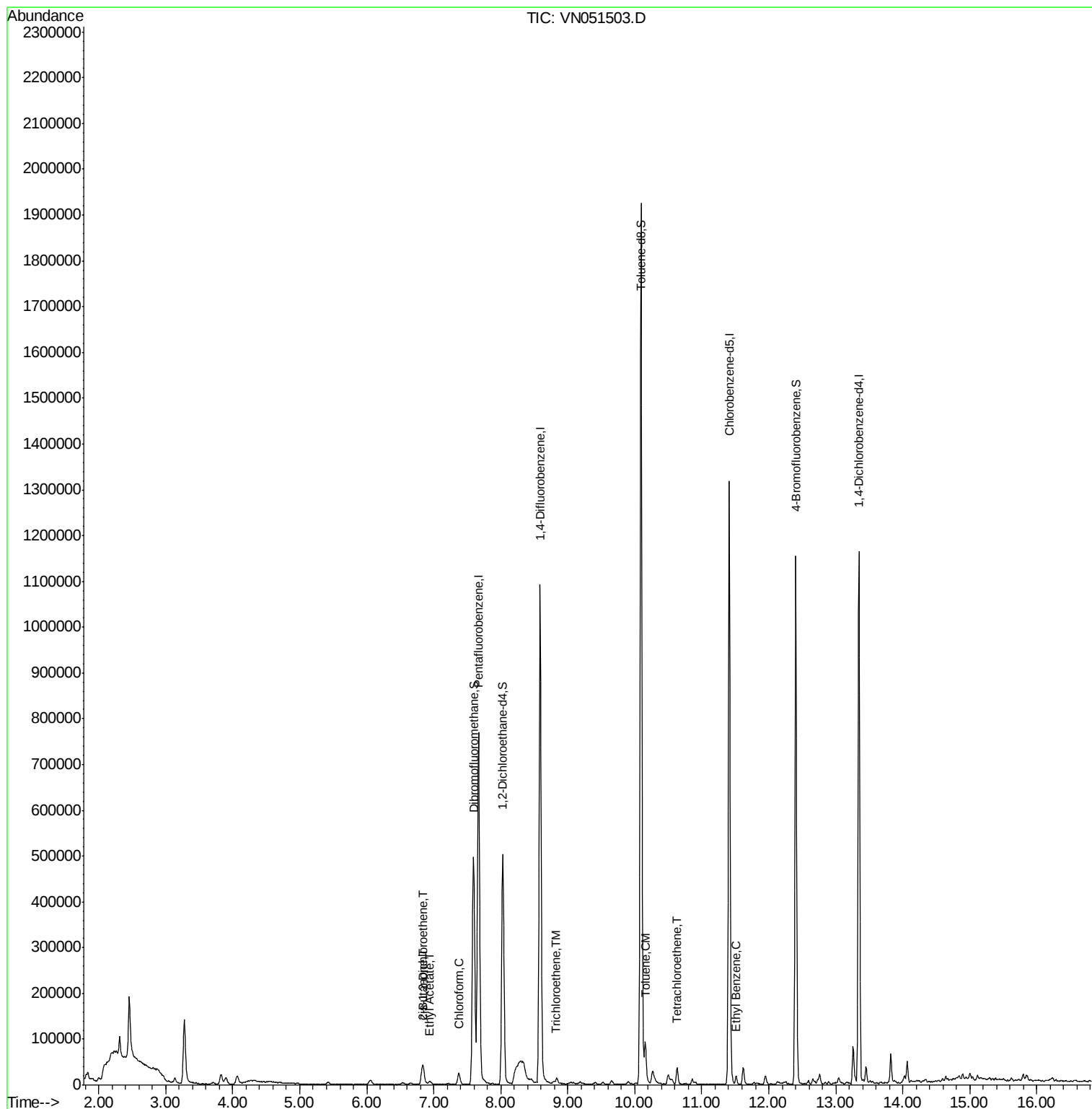
Data File : VN051503.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

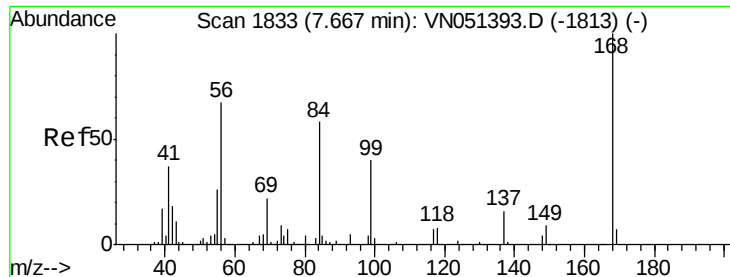
Instrument :
MSVOA_N
ClientSampleId :
MH-124

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Quant Time: Oct 05 04:08:26 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: VN051503.D

Acq: 25 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampled :

MH-124

Tgt Ion: 168 Resp: 653761

Ion Ratio Lower Upper

168 100

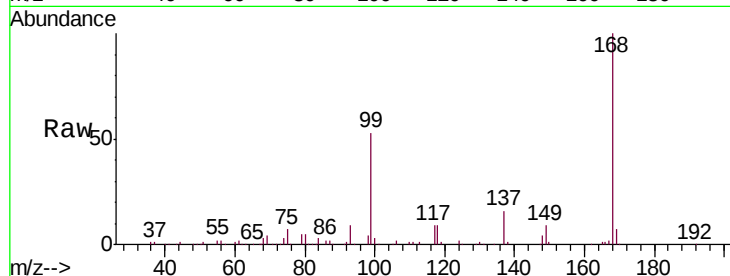
99 52.5 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

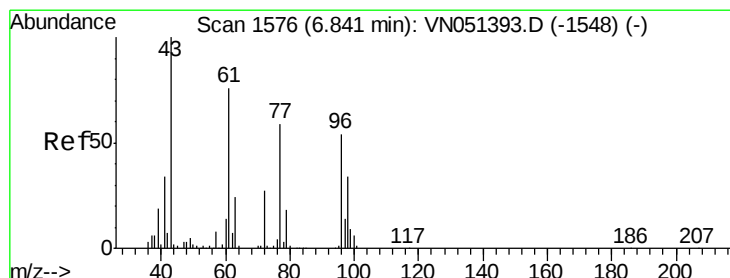
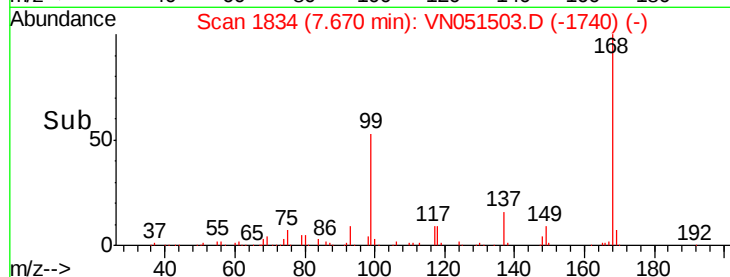
100000

50000

0

7.60 7.70 7.80

Time-->



#25

2-Butanone

Concen: 6.477 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN051503.D

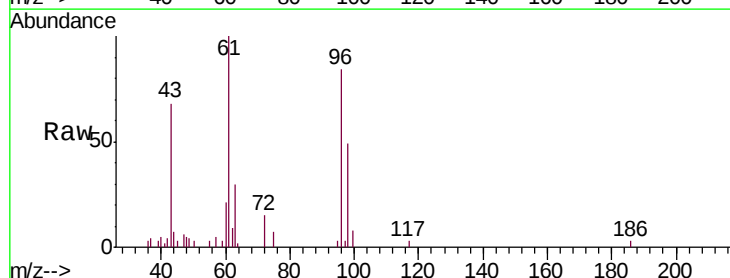
Acq: 25 Sep 2018 23:40

Tgt Ion: 43 Resp: 18155

Ion Ratio Lower Upper

43 100

72 22.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 72.00 (71.70 to 72.70): VN

6.84

6000

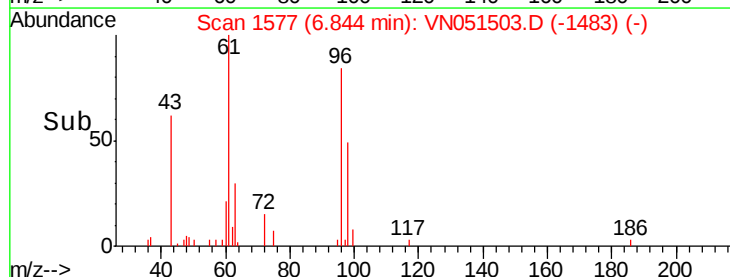
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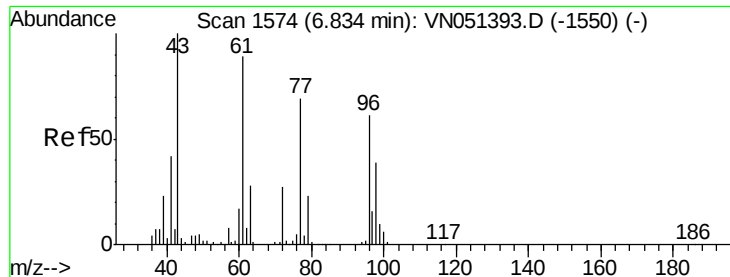
2000

0

6.75 6.80 6.85 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.969 ug/l m

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN051503.D

Acq: 25 Sep 2018 23:40

Instrument :

MSVOA_N

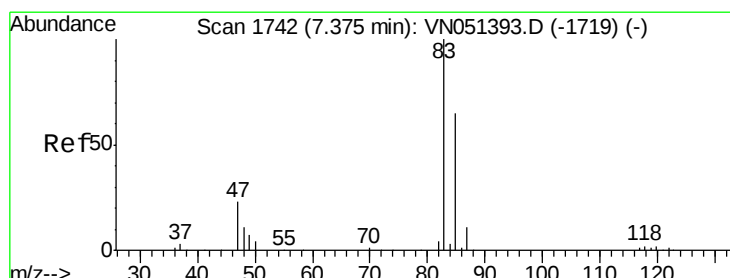
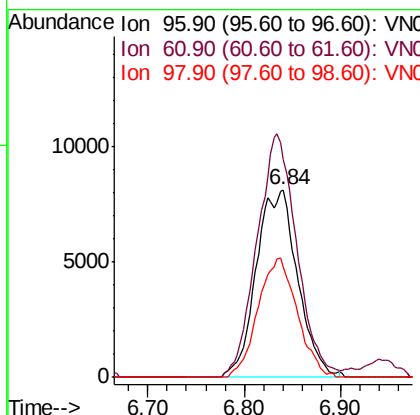
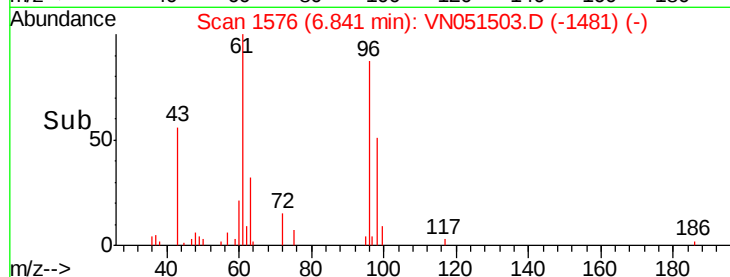
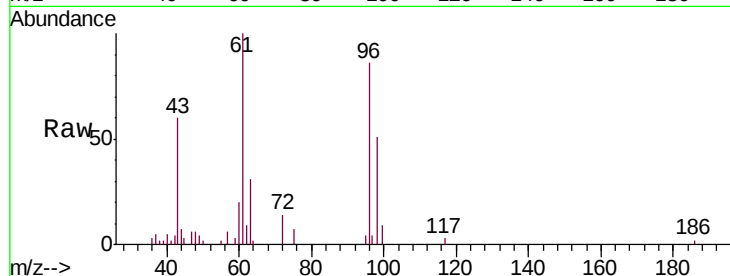
ClientSampled :

MH-124

Tgt Ion:	96	Resp:	24238
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	291.4
98	60.4	0.0	128.4

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#30

Chloroform

Concen: 1.829 ug/l

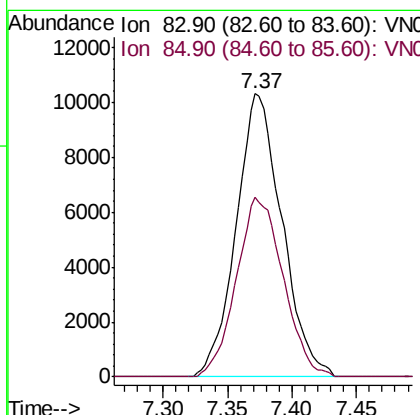
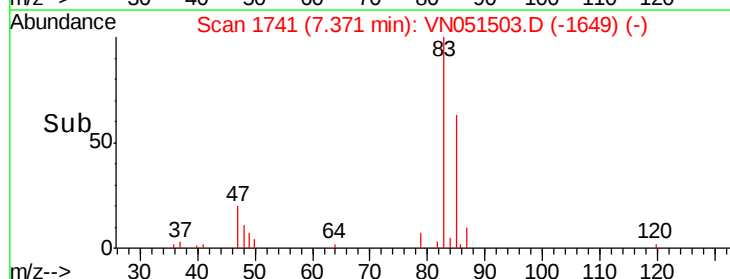
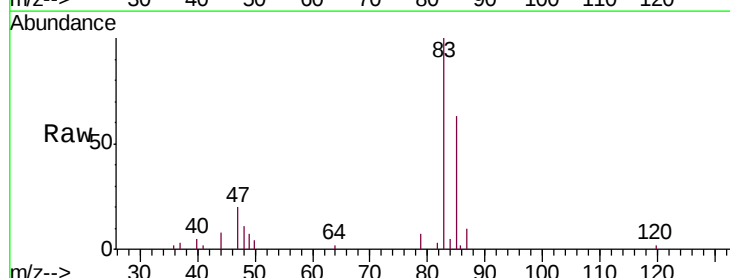
RT: 7.37 min Scan# 1741

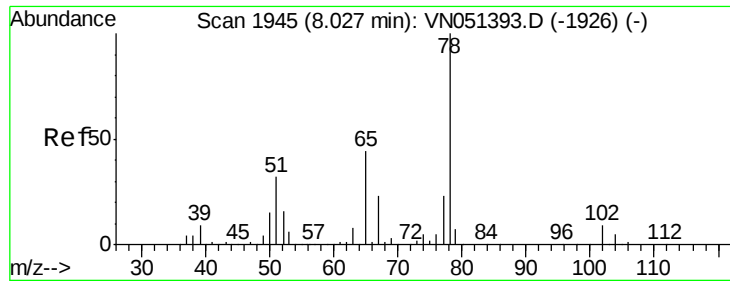
Delta R.T. -0.00 min

Lab File: VN051503.D

Acq: 25 Sep 2018 23:40

Tgt Ion:	83	Resp:	25515
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051503.D

Acq: 25 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampled :

MH-124

Tgt Ion: 65 Resp: 438339

Ion Ratio Lower Upper

65 100

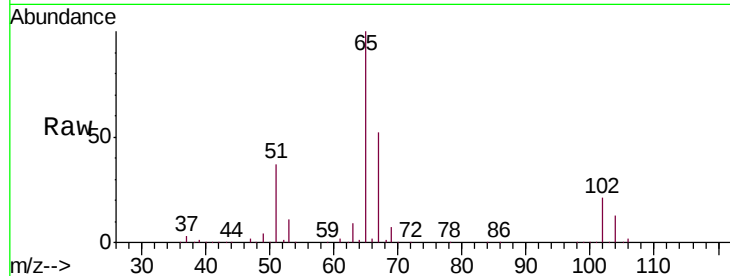
67 52.6 0.0 107.8

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Abundance Ion 64.90 (64.60 to 65.60): VN051503.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051503.D (-1926) (-)

8.03

200000

150000

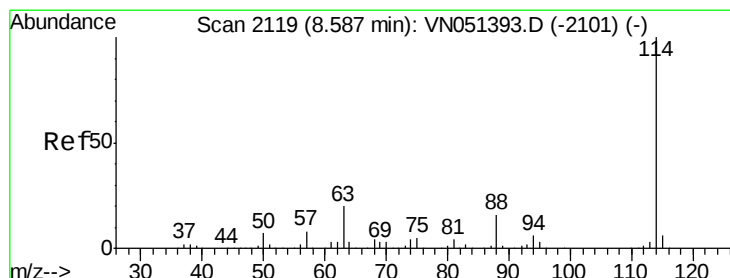
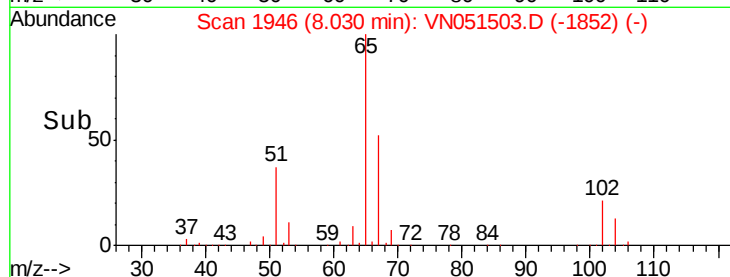
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051503.D

Acq: 25 Sep 2018 23:40

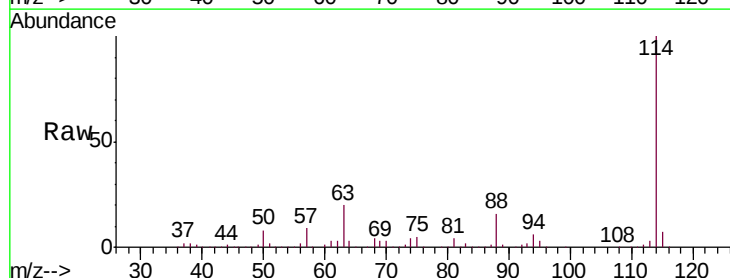
Tgt Ion: 114 Resp: 994499

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN051503.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051503.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051503.D (-2101) (-)

8.59

600000

500000

400000

300000

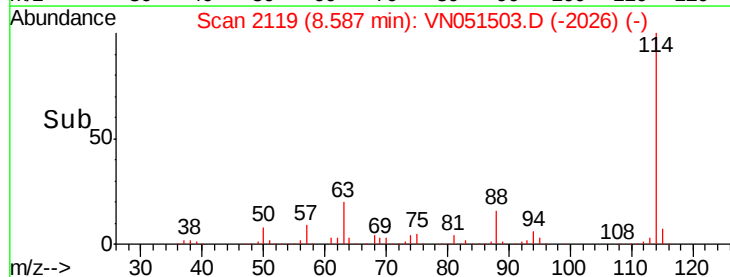
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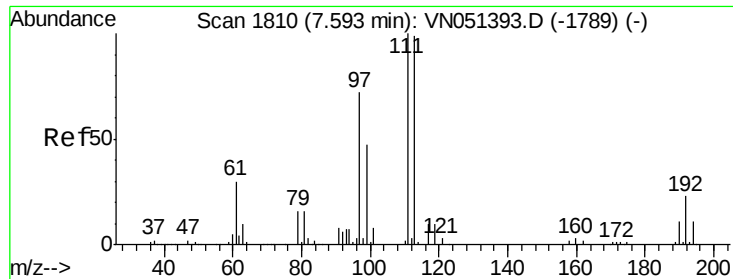
100000

0

8.50 8.60 8.70

Time-->





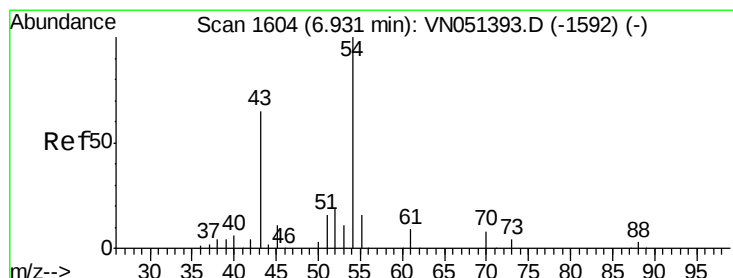
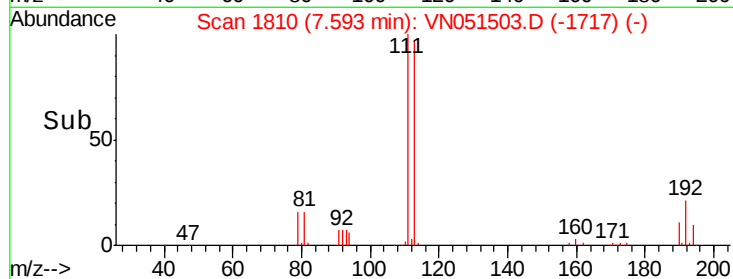
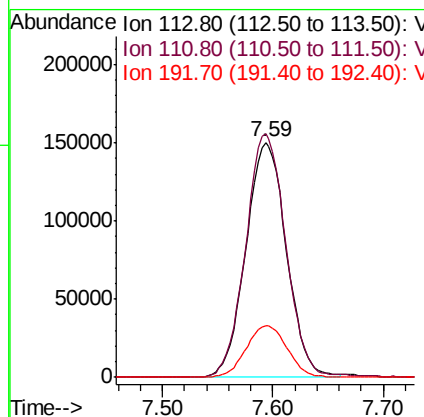
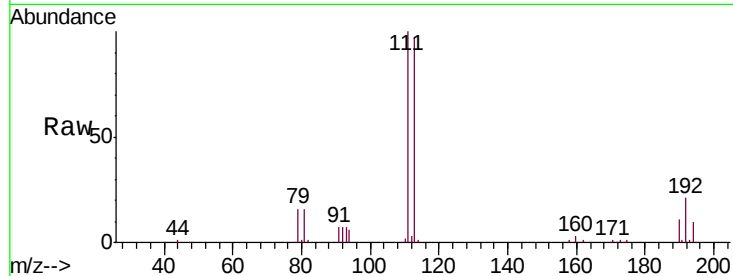
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051503.D
 Acq: 25 Sep 2018 23:40

Instrument :
 MSVOA_N
 ClientSampled :
 MH-124

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	382889		
111	103.3	82.6	123.8	
192	22.4	18.0	27.0	

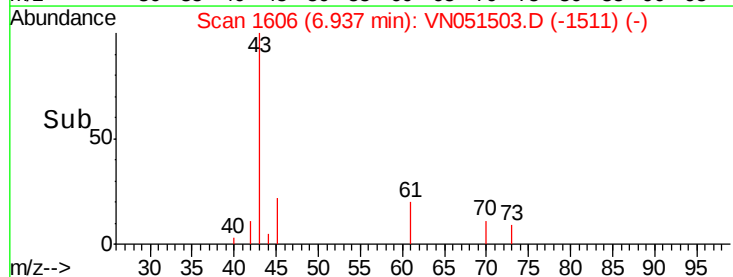
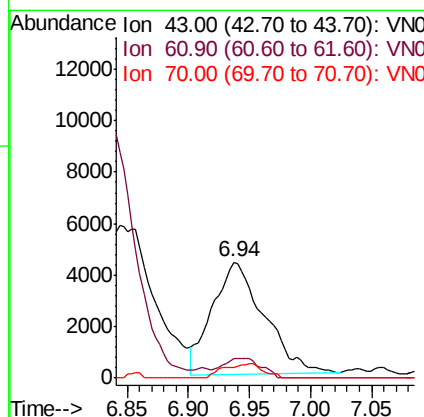
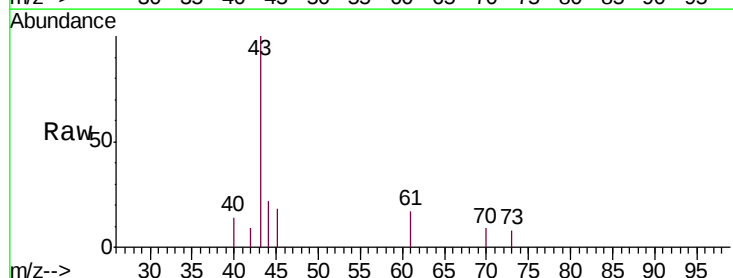
Manual Integrations
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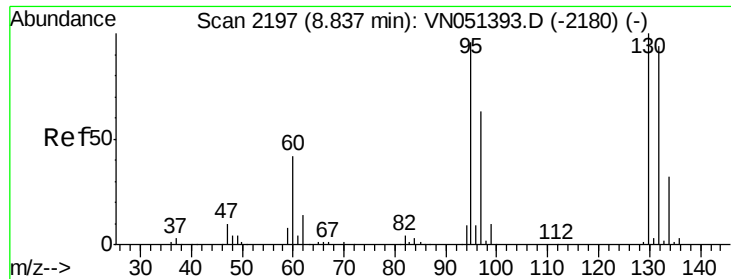
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#37
 Ethyl Acetate
 Concen: 1.959 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: VN051503.D
 Acq: 25 Sep 2018 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	12971		
61	13.1	11.5	17.3	
70	3.0	7.9	11.9#	





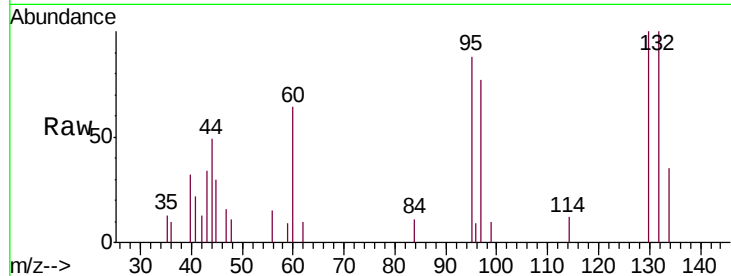
#44
 Trichloroethene
 Concen: 0.431 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051503.D
 Acq: 25 Sep 2018 23:40

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-124

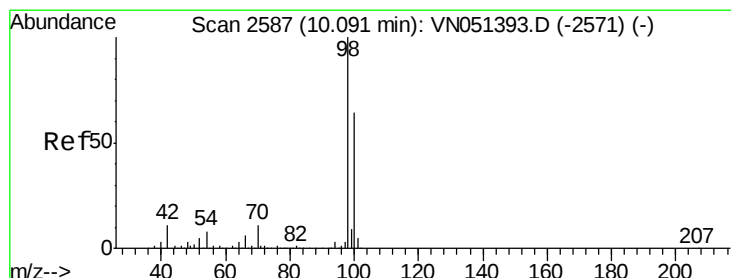
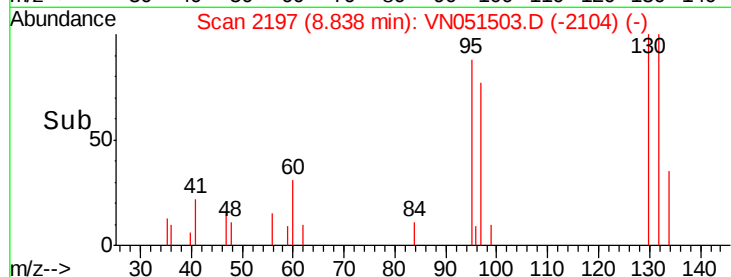
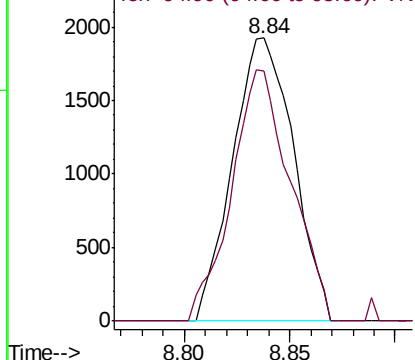
Tgt Ion:130 Resp: 3872
 Ion Ratio Lower Upper
 130 100
 95 88.5 0.0 192.2

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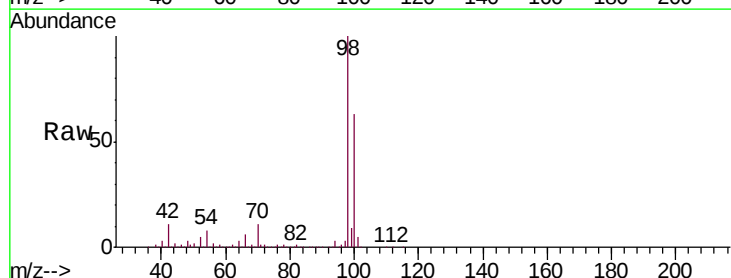


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

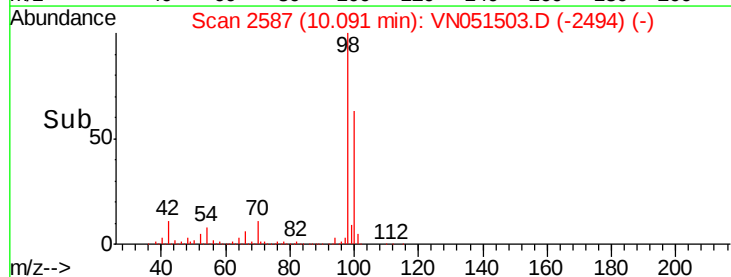
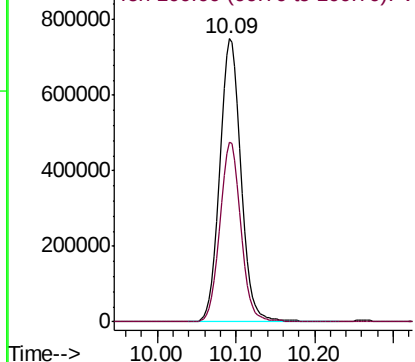


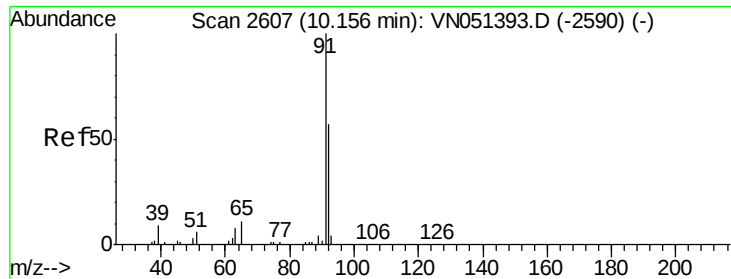
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN051503.D
 Acq: 25 Sep 2018 23:40

Tgt Ion: 98 Resp: 1393178
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 1.581 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051503.D

Acq: 25 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

MH-124

Tgt Ion: 92 Resp: 33222

Ion Ratio Lower Upper

92 100

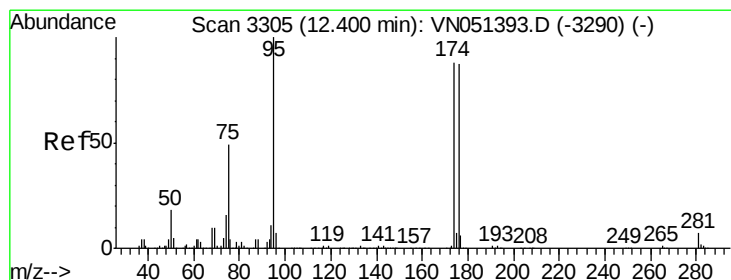
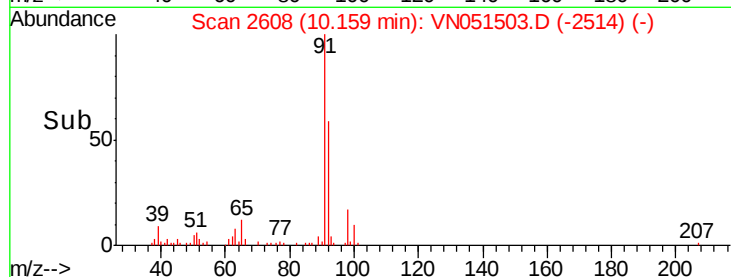
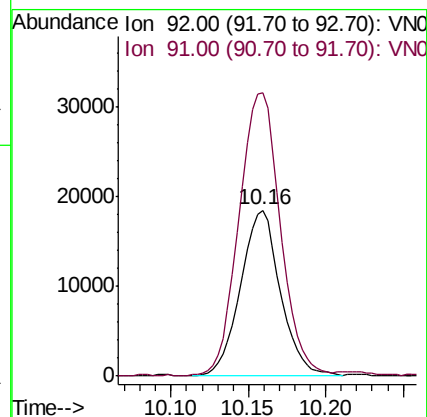
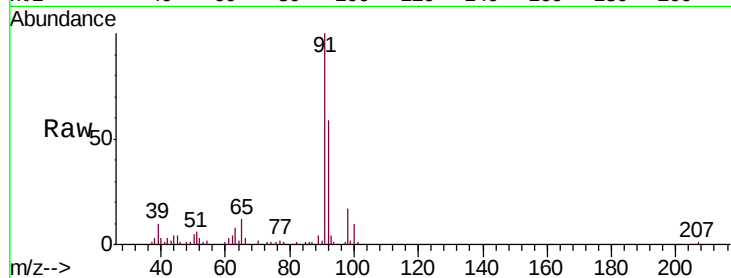
91 177.6 142.2 213.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051503.D

Acq: 25 Sep 2018 23:40

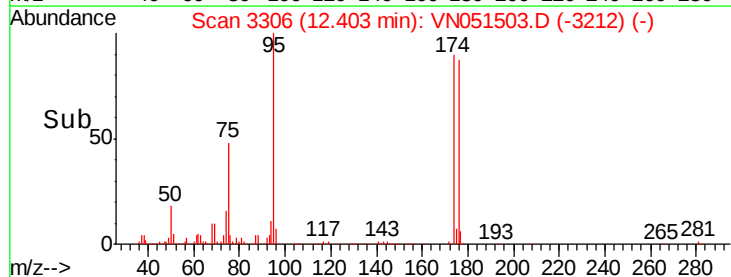
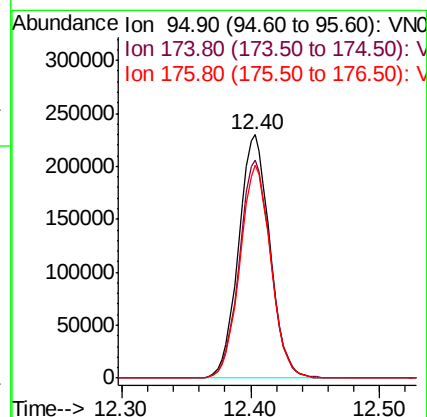
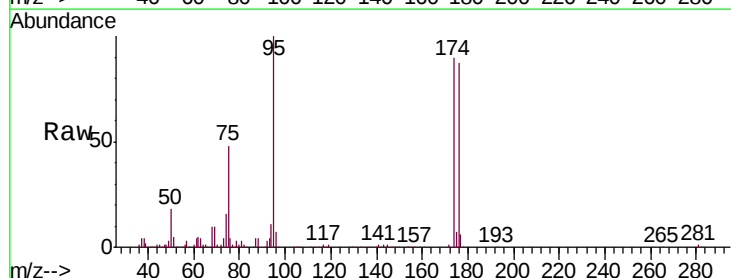
Tgt Ion: 95 Resp: 385457

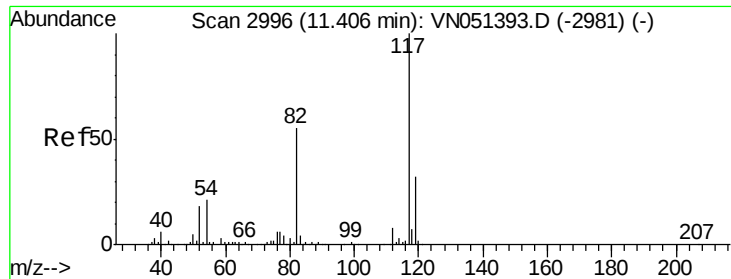
Ion Ratio Lower Upper

95 100

174 90.3 0.0 181.6

176 86.8 0.0 176.4





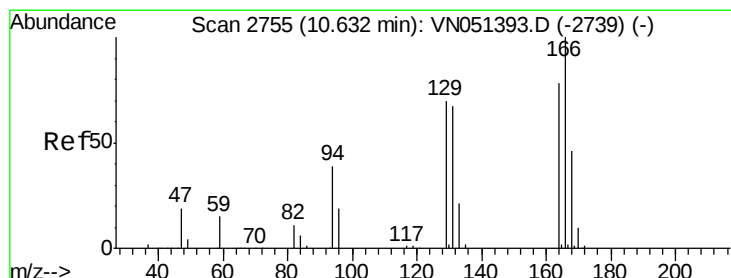
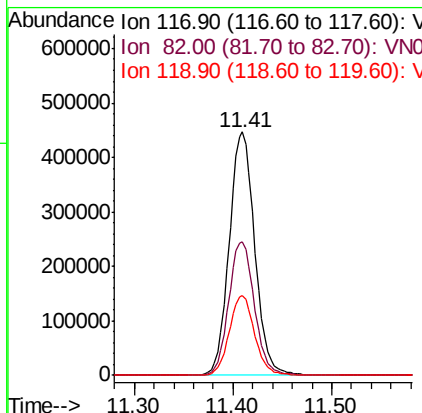
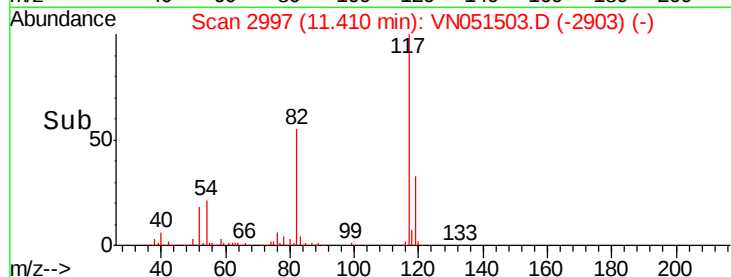
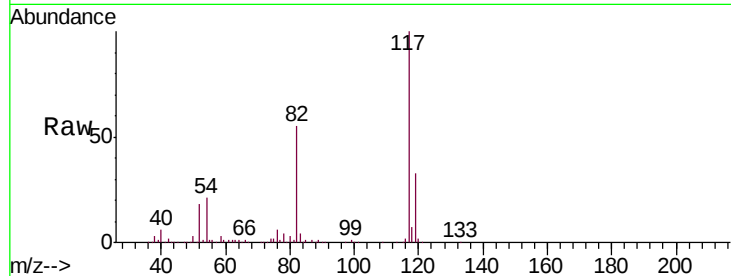
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051503.D
Acq: 25 Sep 2018 23:40

Instrument :
MSVOA_N
ClientSampled :
MH-124

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	809463		
82	54.8	44.2	66.2	
119	33.0	25.9	38.9	

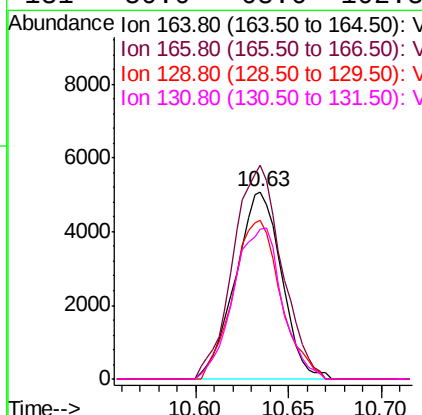
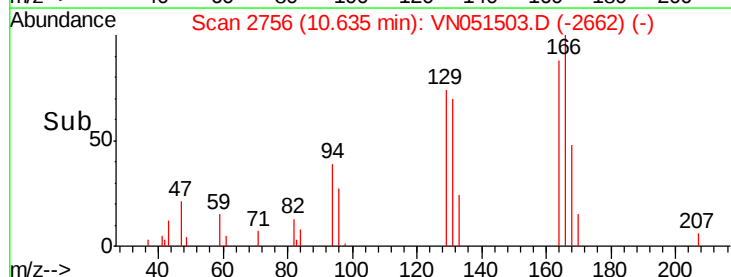
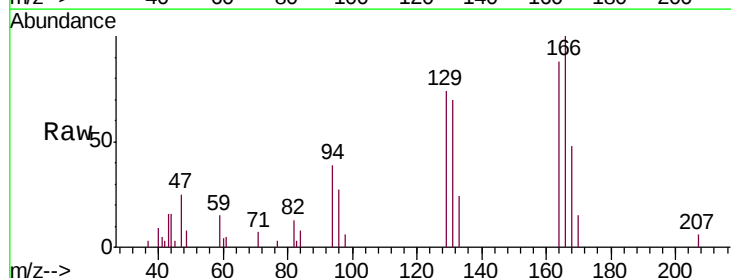
Manual Integrations
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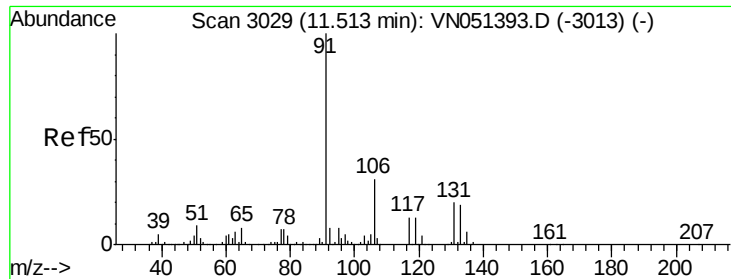
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#64
Tetrachloroethene
Concen: 1.194 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN051503.D
Acq: 25 Sep 2018 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	8770		
166	114.1	102.3	153.5	
129	84.5	71.8	107.8	
131	80.0	68.6	102.8	





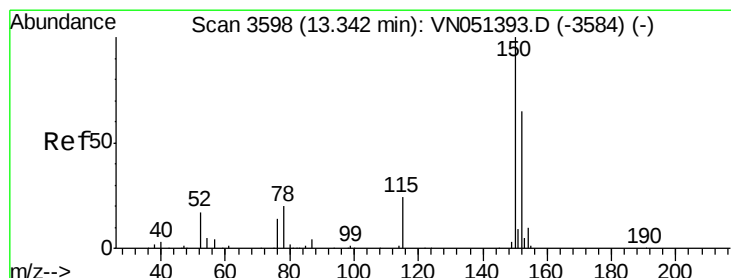
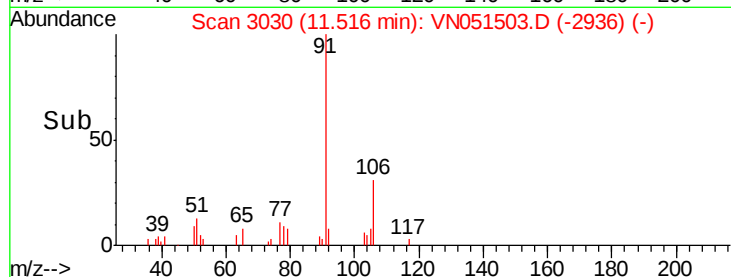
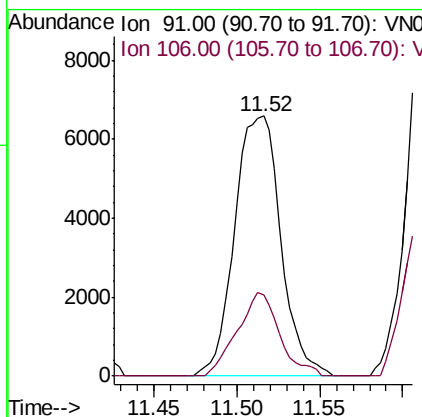
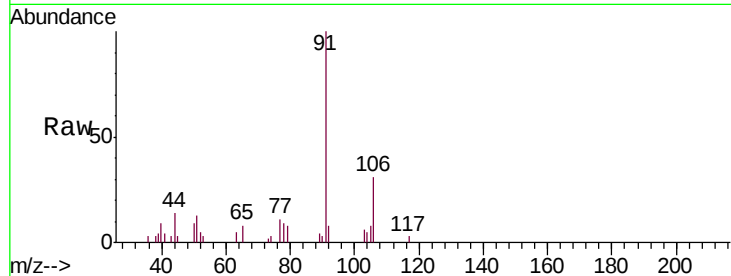
#67
Ethyl Benzene
Concen: 0.365 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN051503.D
Acq: 25 Sep 2018 23:40

Instrument :
MSVOA_N
ClientSampleId :
MH-124

Tgt Ion: 91 Resp: 12770
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

Manual Integrations
APPROVED

apatel
10/1/2018 12:20:14 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051503.D
Acq: 25 Sep 2018 23:40

Tgt Ion: 152 Resp: 327774
Ion Ratio Lower Upper
152 100
115 56.5 28.3 84.9
150 156.0 0.0 353.6

