

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051537.D
 Acq On : 26 Sep 2018 14:27
 Operator : MD\SY
 Sample : J5055-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-B

Manual Integrations
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 9/30/2018 9:55:32 AM

Quant Time: Sep 27 17:26:42 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	754889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1214565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1001794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	359290	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	522749	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
35) Dibromofluoromethane	7.59	113	456748	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1678922	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
62) 4-Bromofluorobenzene	12.40	95	458614	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	16938	2.352	ug/l	92
20) Methylene Chloride	4.55	84	95566	10.213	ug/l	98
30) Chloroform	7.37	83	4550	0.283	ug/l	86
31) Cyclohexane	7.66	56	14146	0.950	ug/l #	1
43) Isopropyl Acetate	8.17	43	425686	29.111	ug/l #	91
44) Trichloroethene	8.84	130	5576	0.508	ug/l	86
64) Tetrachloroethene	10.63	164	2640	0.290	ug/l #	74
68) m/p-Xylenes	11.62	106	11694m	0.698	ug/l	
69) o-Xylene	11.95	106	4560m	0.283	ug/l	
84) 1,2,4-Trimethylbenzene	13.04	105	9538	0.383	ug/l	97
95) Naphthalene	15.14	128	77592	12.918	ug/l	99

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

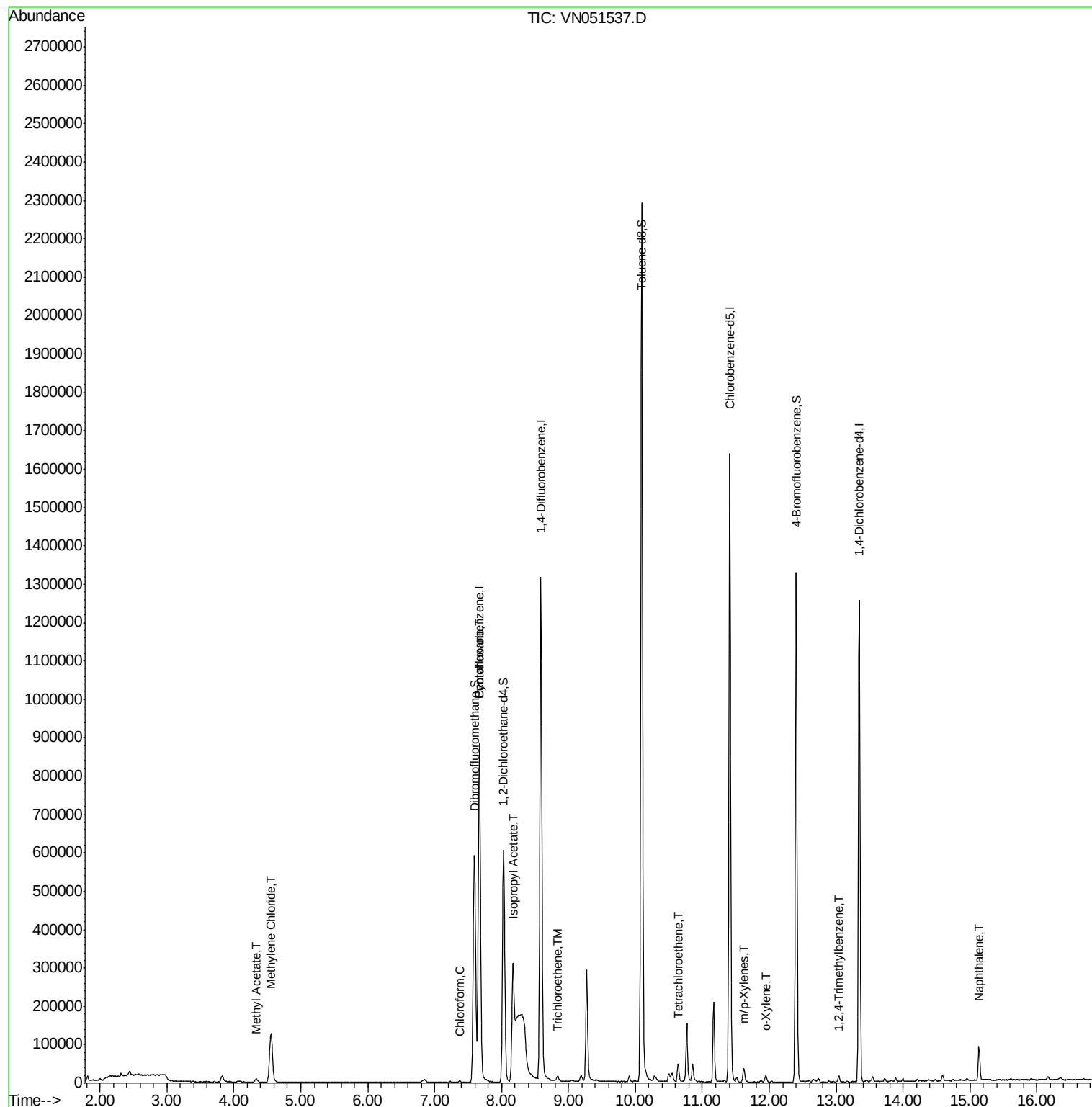
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
Data File : VN051537.D
Acq On : 26 Sep 2018 14:27
Operator : MD\SY
Sample : J5055-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 53 Sample Multiplier: 1

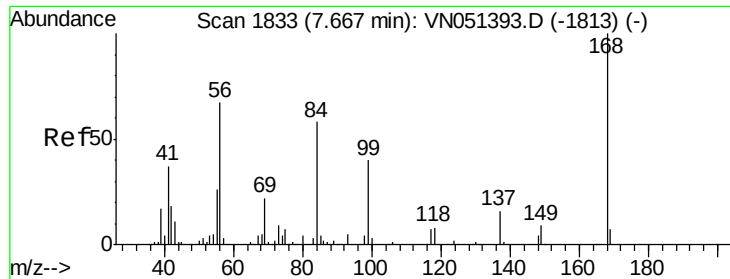
Instrument :
MSVOA_N
ClientSampleId :
TP-B

Quant Time: Sep 27 17:26:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

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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: VN051537.D

Acq: 26 Sep 2018 14:27

Instrument :

MSVOA_N

ClientSampled :

TP-B

Tgt Ion:168 Resp: 754889

Ion Ratio Lower Upper

168 100

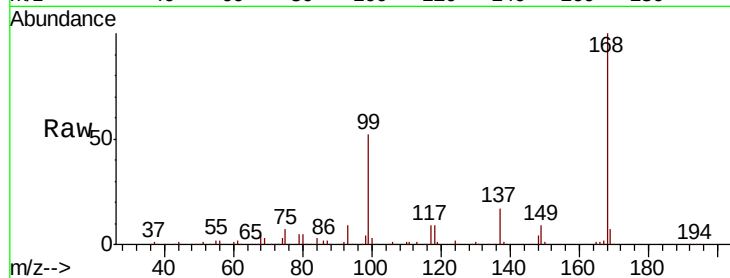
99 52.2 40.2 60.2

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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

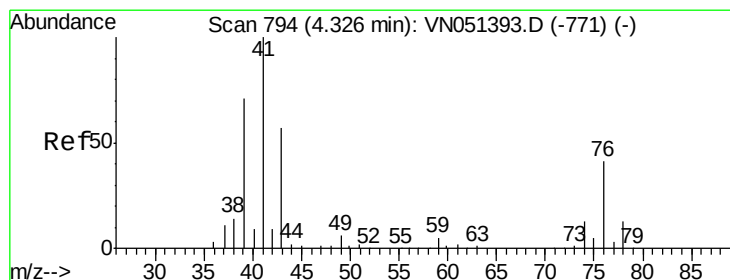
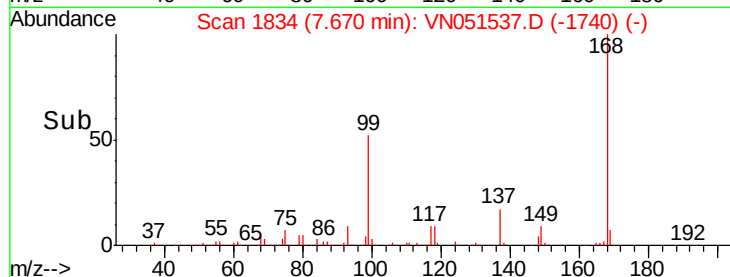
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 2.352 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051537.D

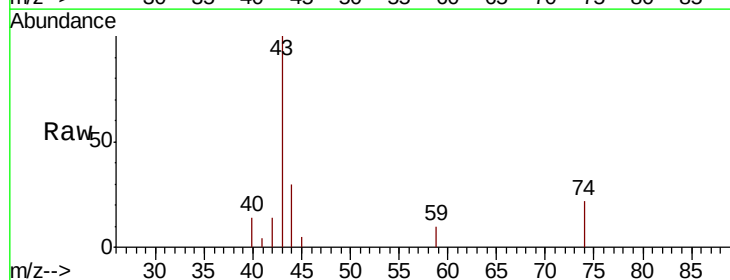
Acq: 26 Sep 2018 14:27

Tgt Ion: 43 Resp: 16938

Ion Ratio Lower Upper

43 100

74 19.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

6000

5000

4000

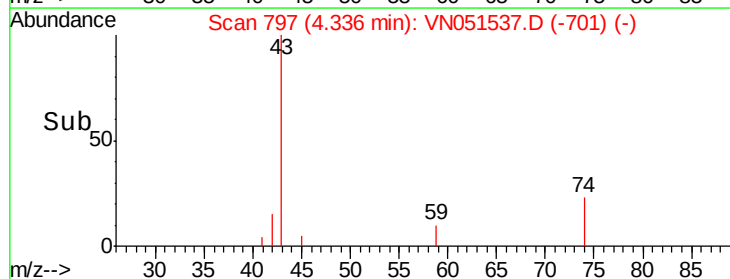
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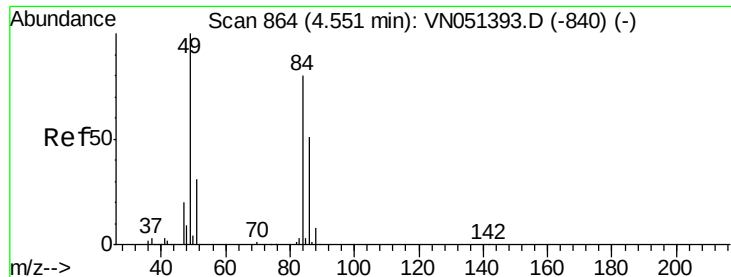
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 10.213 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051537.D

Acq: 26 Sep 2018 14:27

Instrument :

MSVOA_N

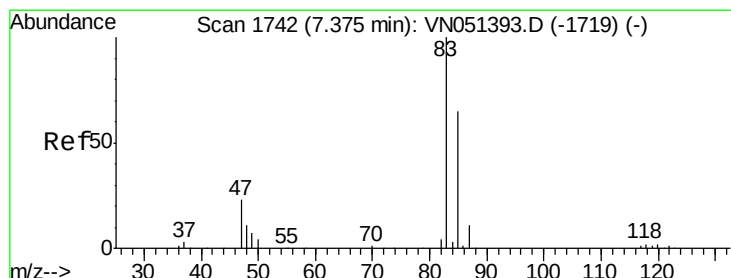
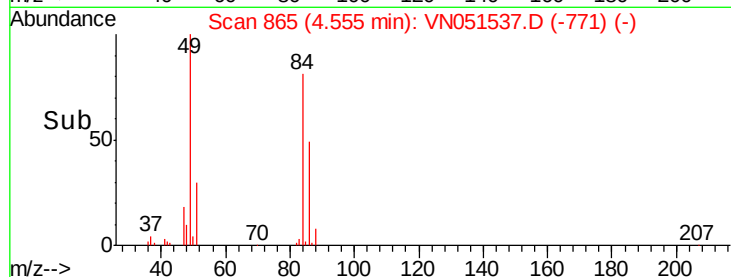
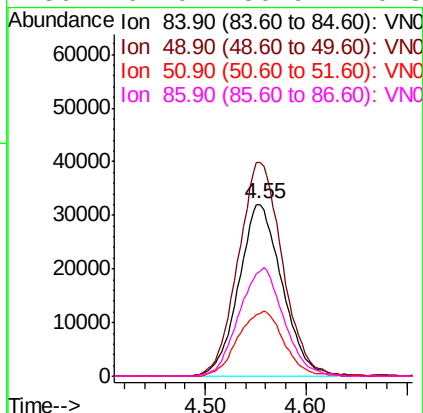
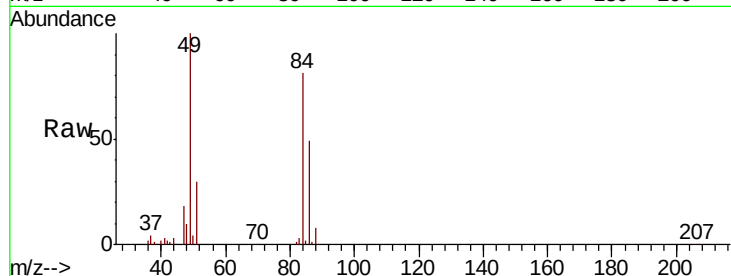
ClientSampleId :

TP-B

Tgt Ion:	84	Resp:	95566
Ion	Ratio	Lower	Upper
84	100		
49	124.0	99.9	149.9
51	36.8	31.4	47.2
86	61.0	50.9	76.3

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#30

Chloroform

Concen: 0.283 ug/l

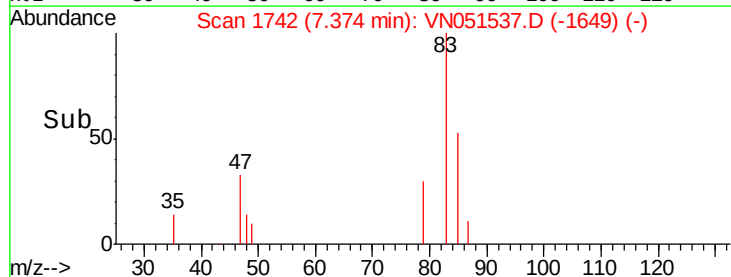
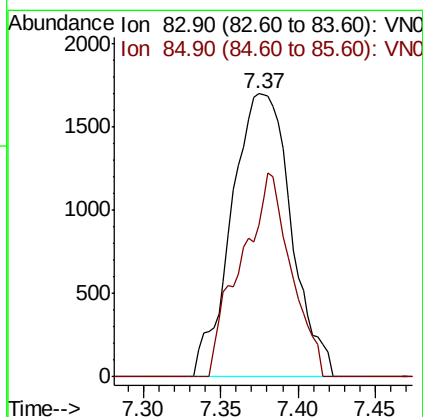
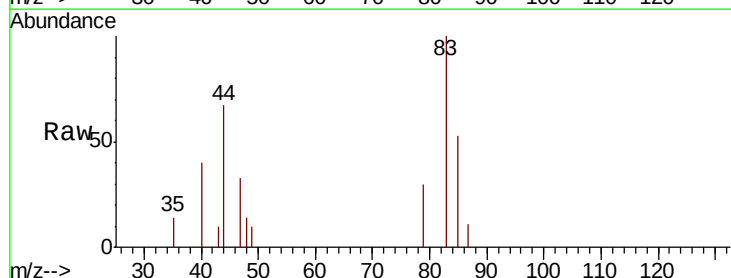
RT: 7.37 min Scan# 1742

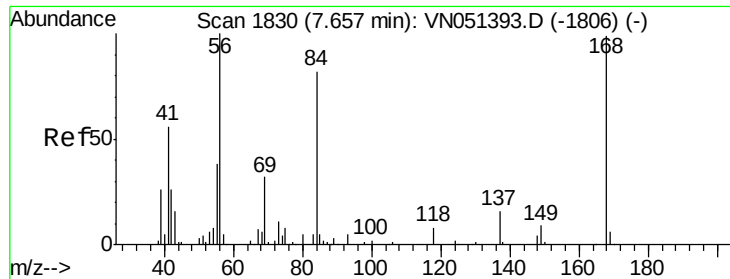
Delta R.T. -0.00 min

Lab File: VN051537.D

Acq: 26 Sep 2018 14:27

Tgt Ion:	83	Resp:	4550
Ion	Ratio	Lower	Upper
83	100		
85	53.4	51.8	77.6





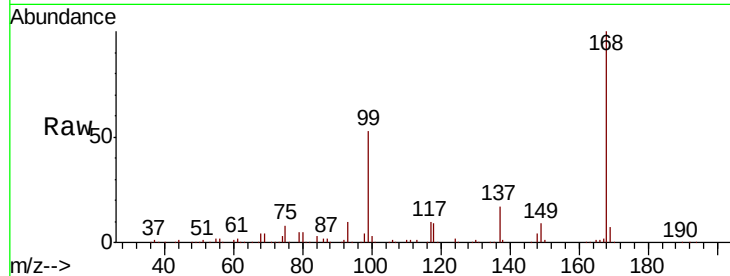
#31
Cyclohexane
Concen: 0.950 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Instrument :
MSVOA_N
ClientSampled :
TP-B

Tgt Ion	Ratio	Lower	Upper
56	100		
69	196.1	25.8	38.6#
84	151.5	66.0	99.0#

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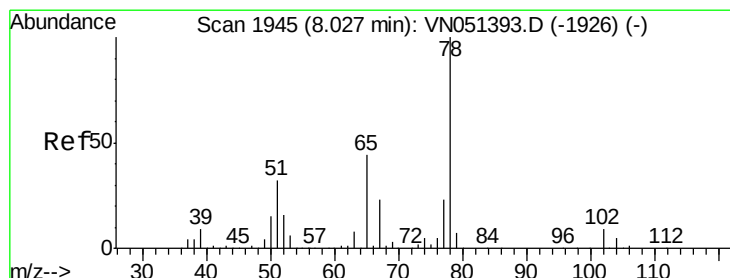
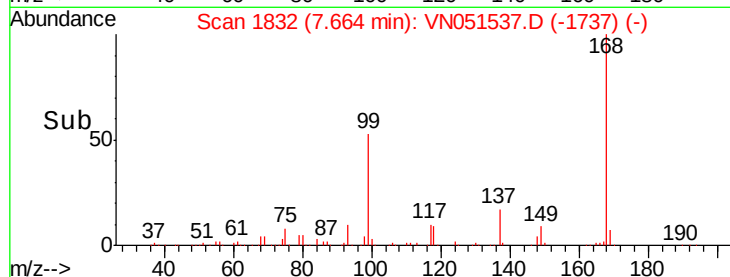
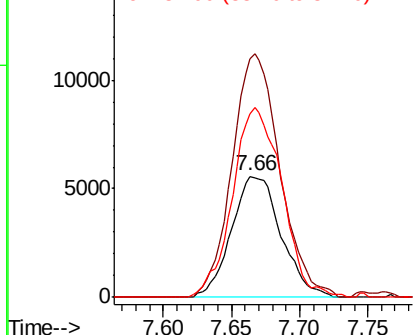


Abundance

Ion 56.00 (55.70 to 56.70): VNC

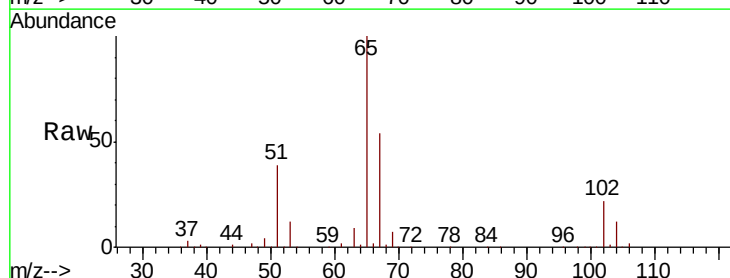
Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33
1,2-Dichloroethane-d4
Concen: 55.280 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

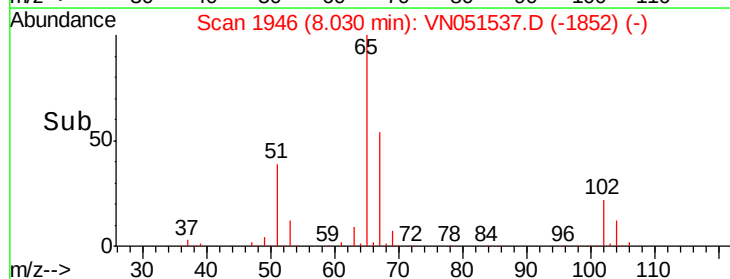
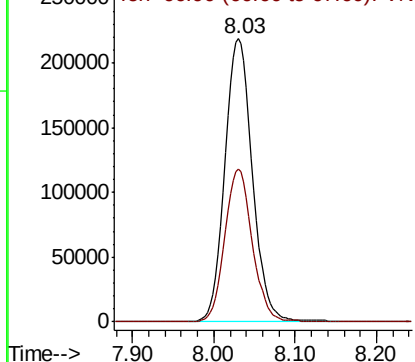
Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.8

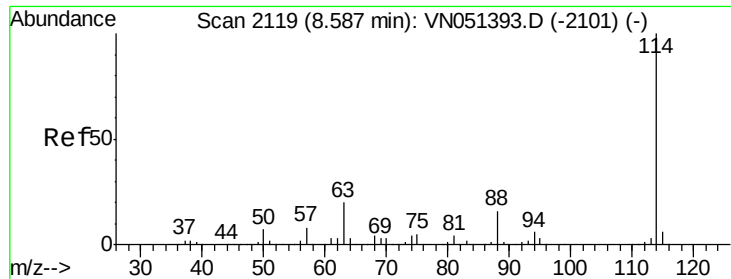


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC





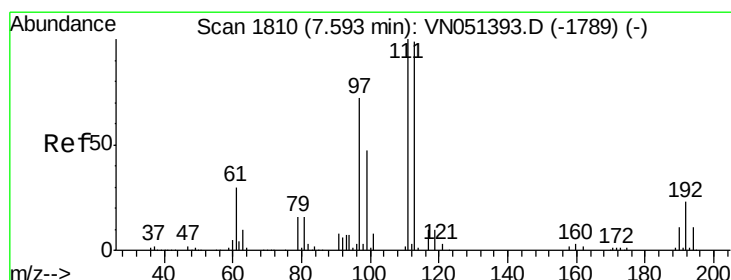
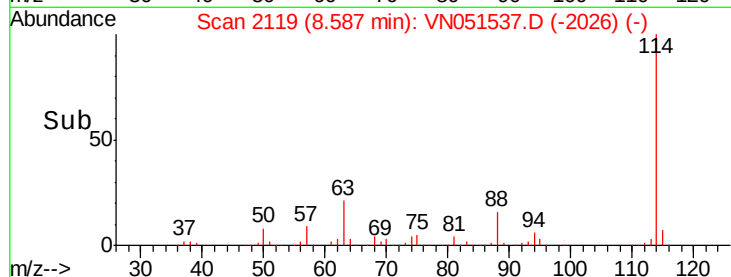
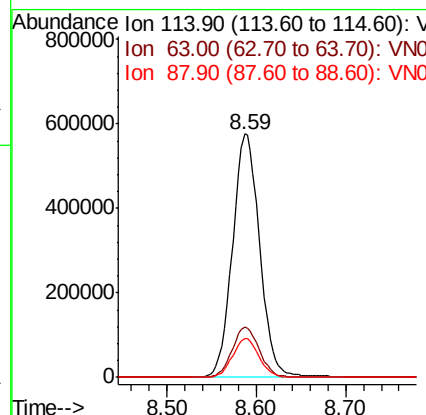
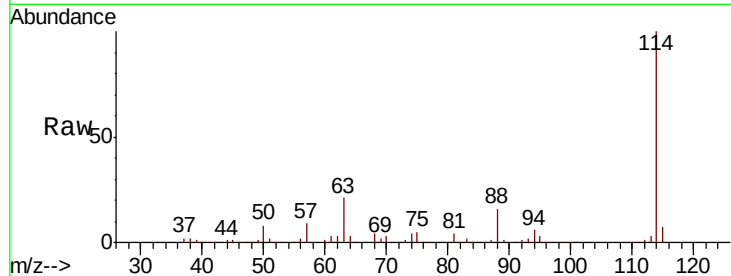
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051537.D
 Acq: 26 Sep 2018 14:27

Instrument :
 MSVOA_N
 ClientSampled :
 TP-B

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1214565		
63	20.6		0.0	40.2
88	15.9		0.0	31.4

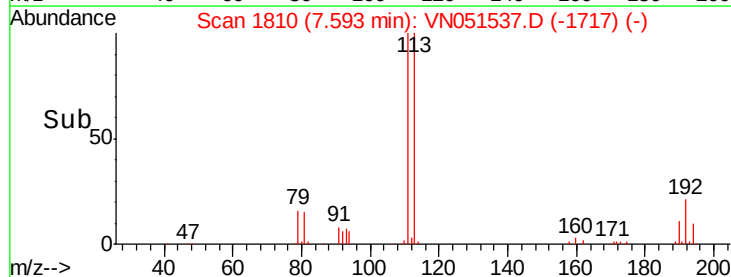
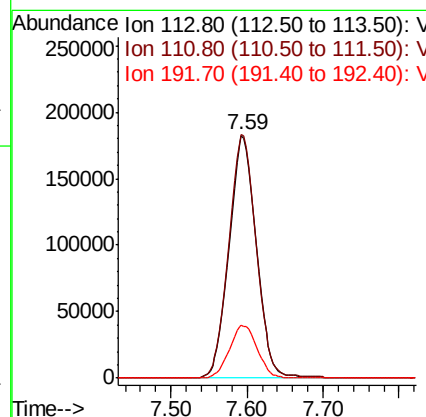
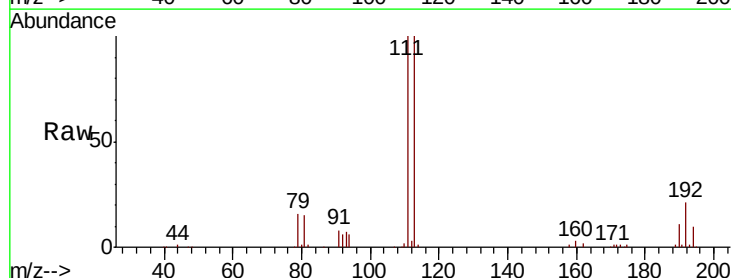
Manual Integrations
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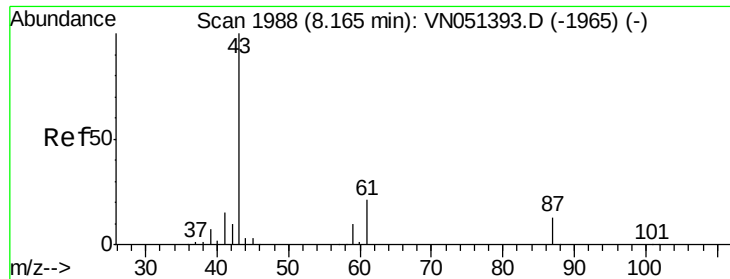
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#35
 Dibromofluoromethane
 Concen: 47.028 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051537.D
 Acq: 26 Sep 2018 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	456748		
111	101.5		82.6	123.8
192	22.3		18.0	27.0





#43

Isopropyl Acetate

Concen: 29.111 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051537.D

Acq: 26 Sep 2018 14:27

Instrument :

MSVOA_N

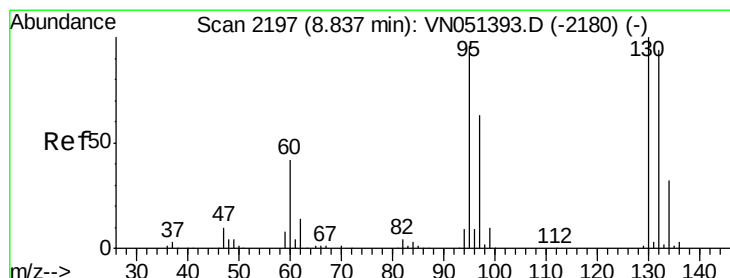
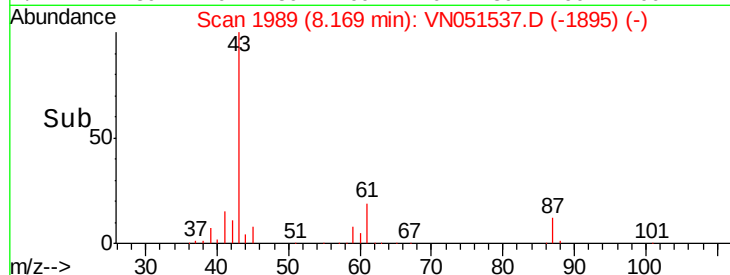
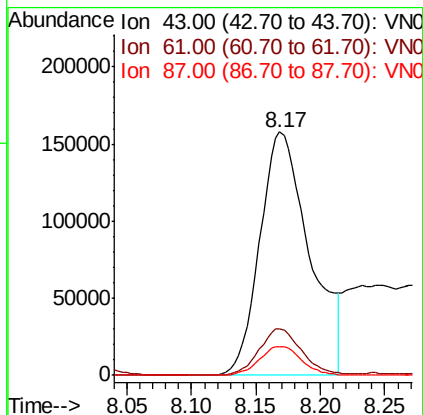
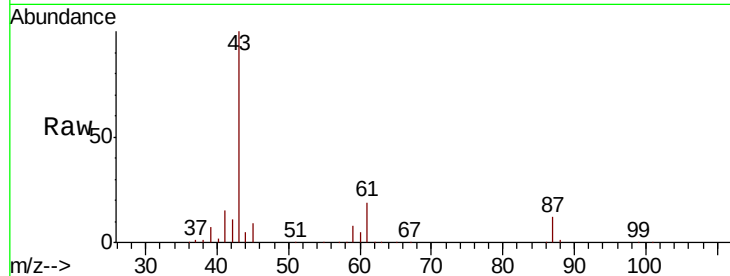
ClientSampled :

TP-B

Tgt Ion:	43	Resp:	425686
Ion Ratio	Lower	Upper	
43	100		
61	16.5	16.8	25.2#
87	10.0	10.7	16.1#

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#44

Trichloroethene

Concen: 0.508 ug/l

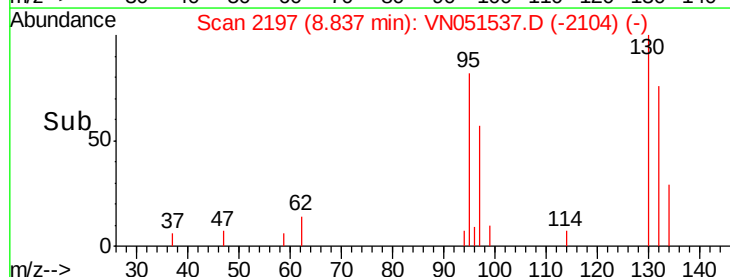
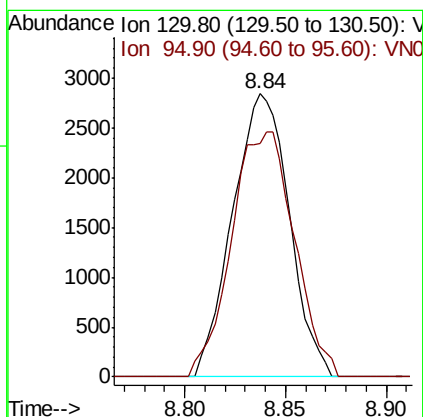
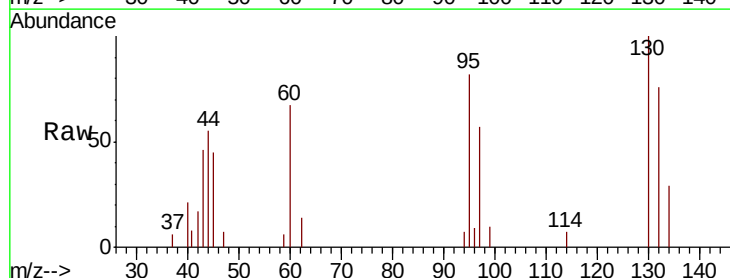
RT: 8.84 min Scan# 2197

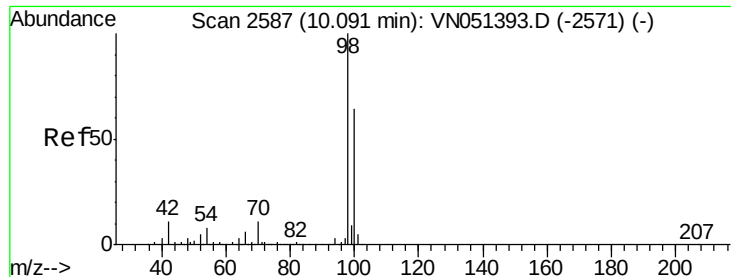
Delta R.T. -0.00 min

Lab File: VN051537.D

Acq: 26 Sep 2018 14:27

Tgt Ion:	130	Resp:	5576
Ion Ratio	Lower	Upper	
130	100		
95	82.3	0.0	192.2





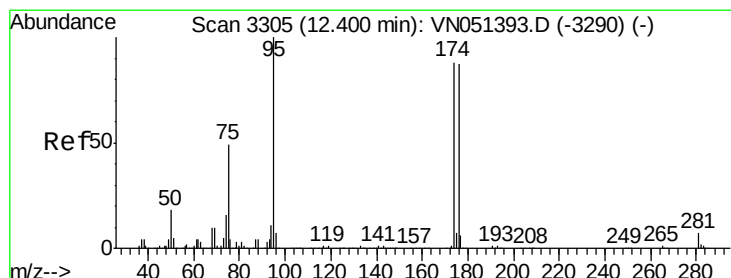
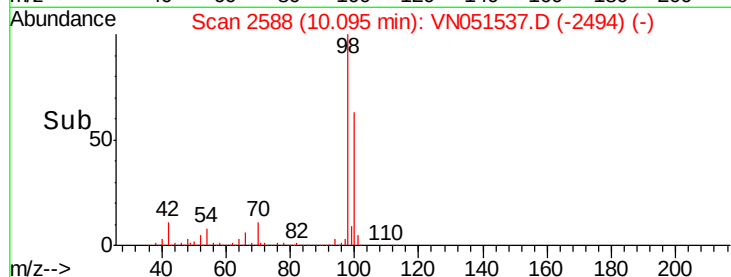
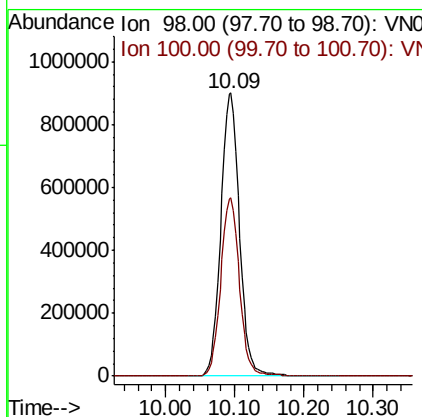
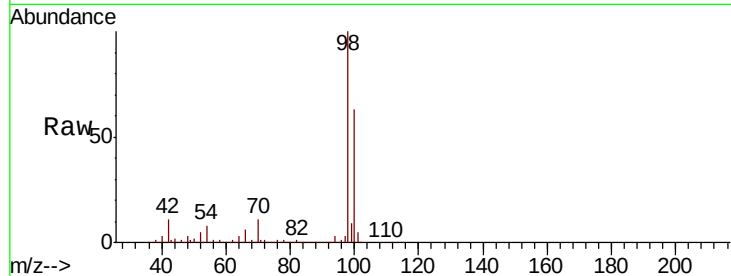
#50
Toluene-d8
Concen: 45.906 ug/l
RT: 10.09 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Instrument :
MSVOA_N
ClientSampled :
TP-B

Tgt Ion: 98 Resp: 1678922
Ion Ratio Lower Upper
98 100
100 63.4 50.6 75.8

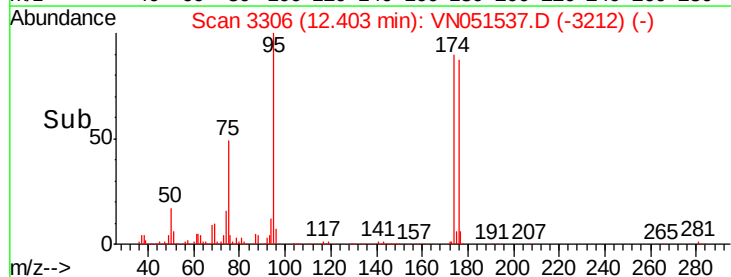
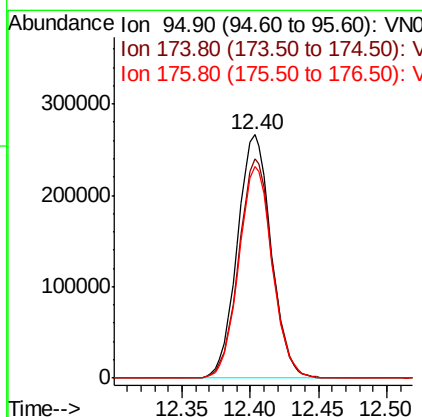
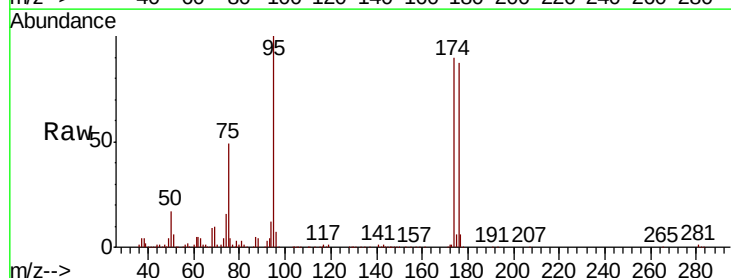
Manual Integrations
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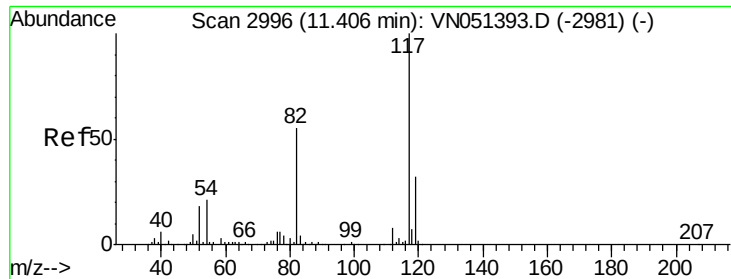
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#62
4-Bromofluorobenzene
Concen: 38.763 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Tgt Ion: 95 Resp: 458614
Ion Ratio Lower Upper
95 100
174 89.4 0.0 181.6
176 86.0 0.0 176.4





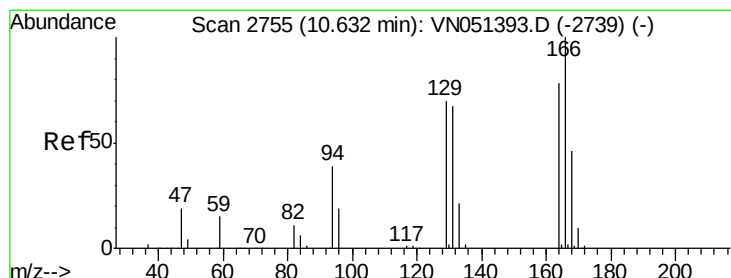
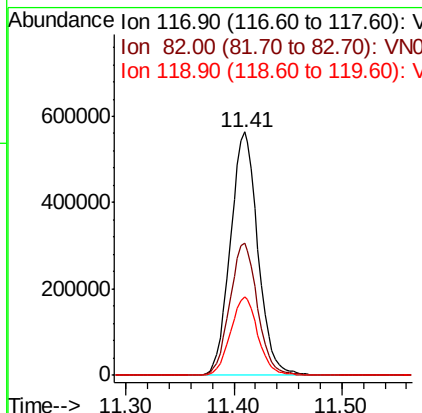
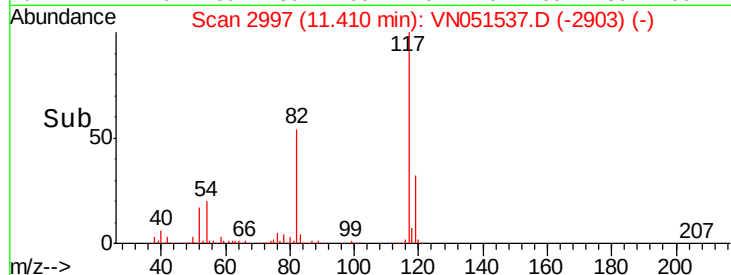
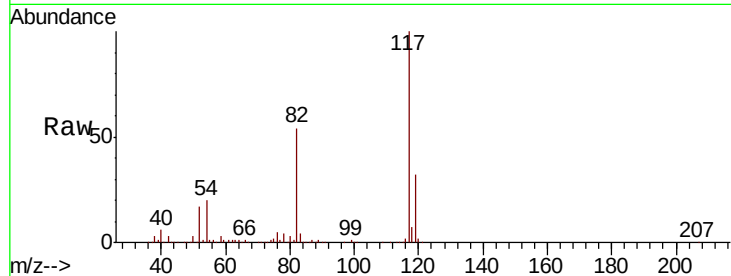
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Instrument :
MSVOA_N
ClientSampled :
TP-B

Tgt Ion:117 Resp: 1001794
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.2 25.9 38.9

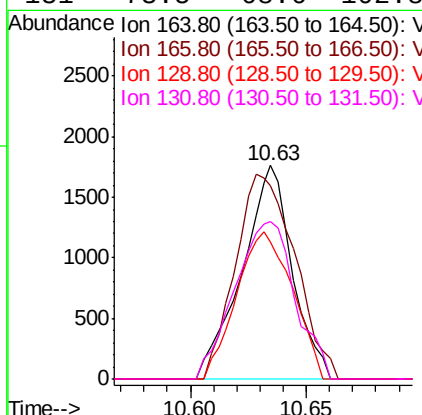
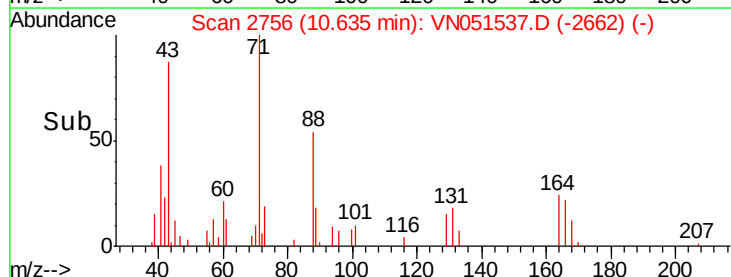
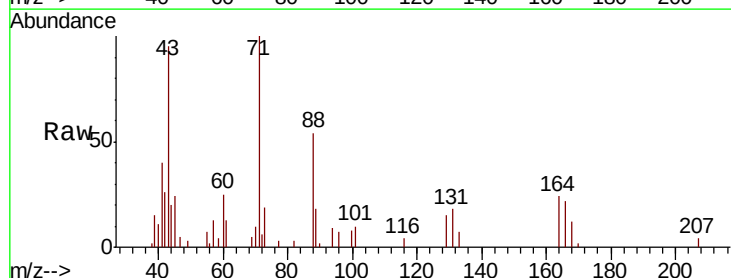
Manual Integrations
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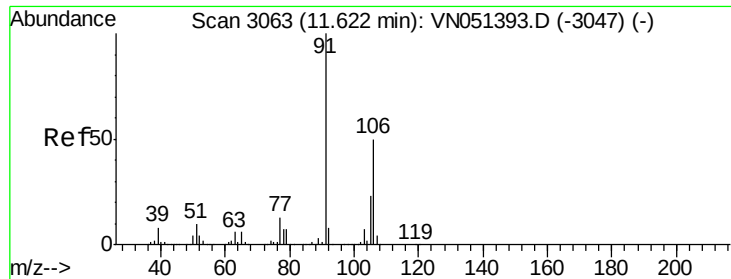
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#64
Tetrachloroethene
Concen: 0.290 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Tgt Ion:164 Resp: 2640
Ion Ratio Lower Upper
164 100
166 90.4 102.3 153.5#
129 64.1 71.8 107.8#
131 73.5 68.6 102.8





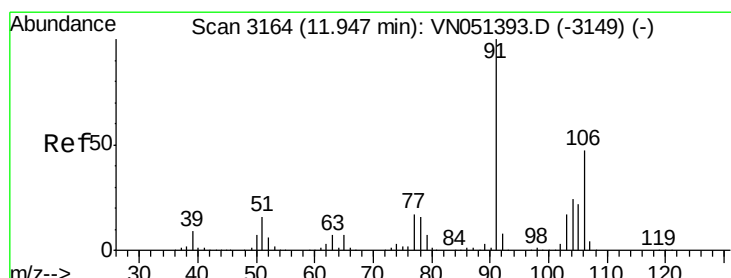
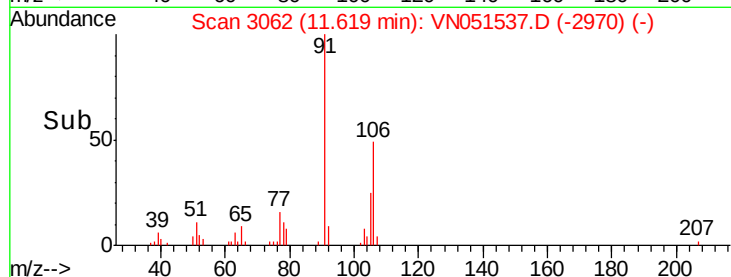
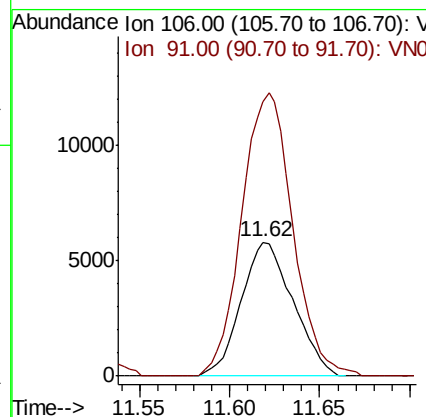
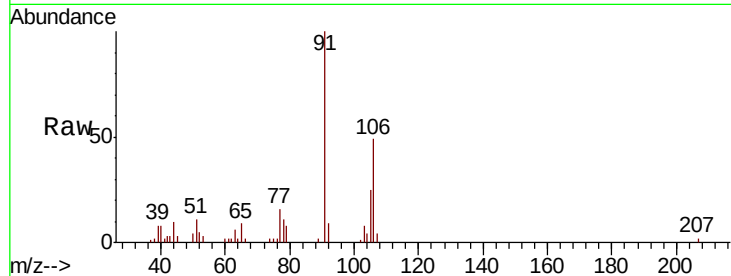
#68
m/p-Xylenes
Concen: 0.698 ug/l m
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Instrument :
MSVOA_N
ClientSampled :
TP-B

Tgt Ion:106 Resp: 11694
Ion Ratio Lower Upper
106 100
91 0.0 161.3 241.9#

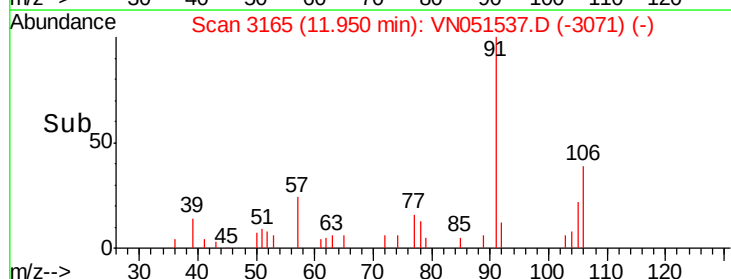
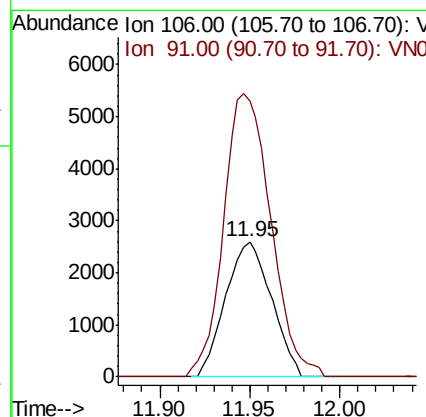
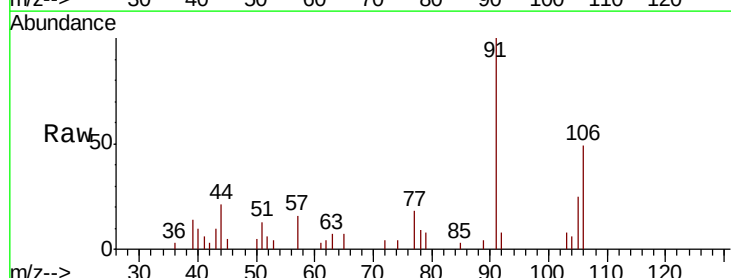
Manual Integrations
APPROVED

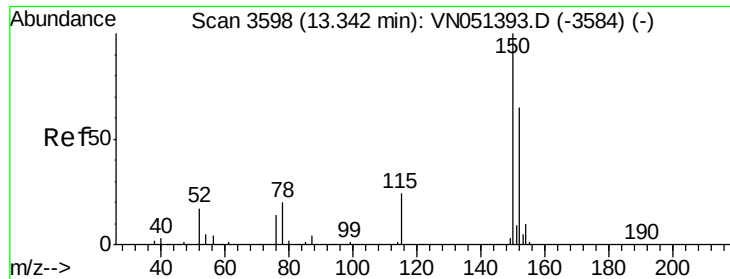
mmdadoda
9/30/2018 9:55:32 AM



#69
o-Xylene
Concen: 0.283 ug/l m
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Tgt Ion:106 Resp: 4560
Ion Ratio Lower Upper
106 100
91 0.0 105.3 315.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051537.D

Acq: 26 Sep 2018 14:27

Instrument :

MSVOA_N

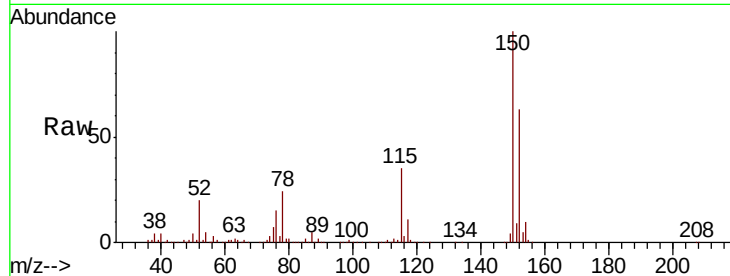
ClientSampled :

TP-B

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	359290		
115	57.0	28.3	84.9	
150	156.8	0.0	353.6	

Manual Integrations
APPROVED

mmdadoda
9/30/2018 9:55:32 AM

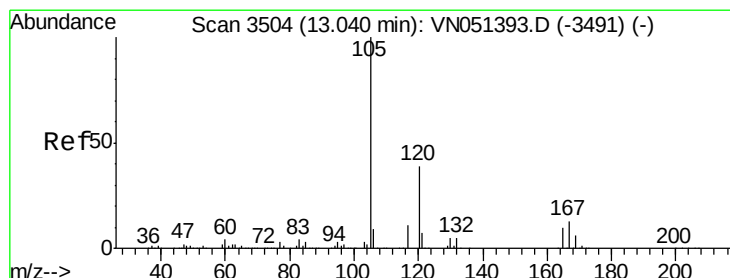
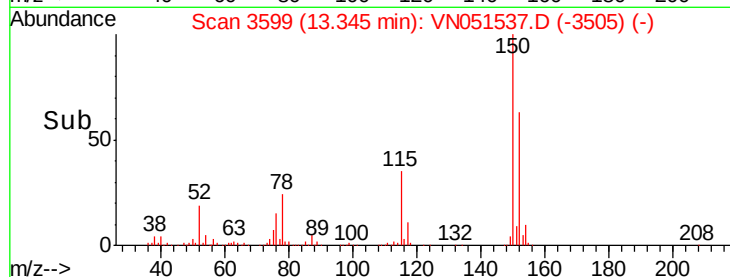
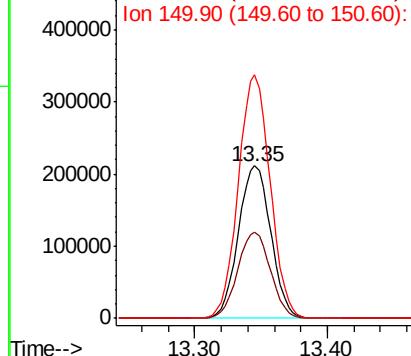


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 0.383 ug/l

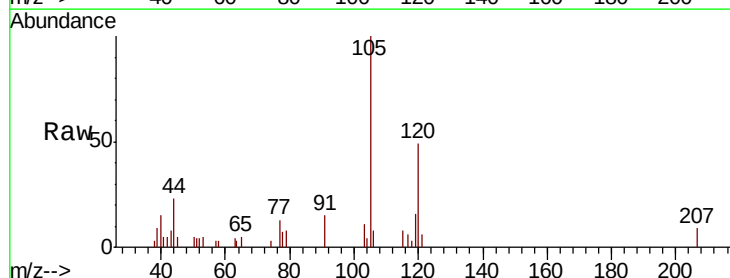
RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051537.D

Acq: 26 Sep 2018 14:27

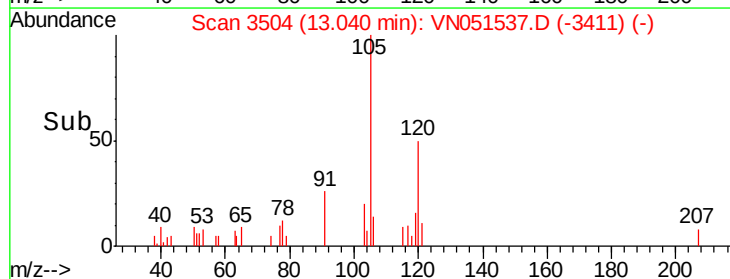
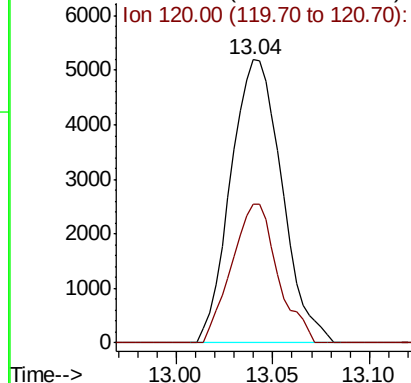
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	9538		
120	44.1	22.9	68.7	

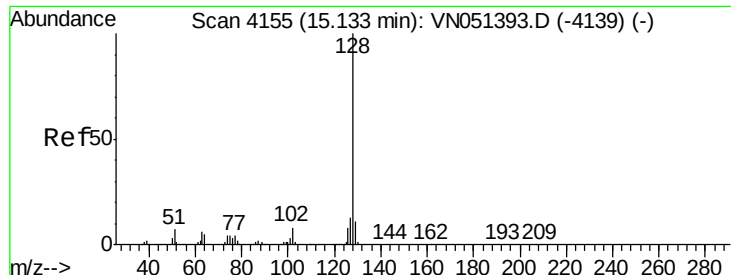


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 12.918 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051537.D
Acq: 26 Sep 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
TP-B

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.0	8.6	12.8

Manual Integrations
APPROVED

mmdadoda
9/30/2018 9:55:32 AM

