

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051459.D
 Acq On : 24 Sep 2018 14:19
 Operator : MD\SY
 Sample : J4770-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-F

Quant Time: Sep 25 03:44:01 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	658062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	314157	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	452911	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.59	113	397761	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.09	98	1410374	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.40	95	383463	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	

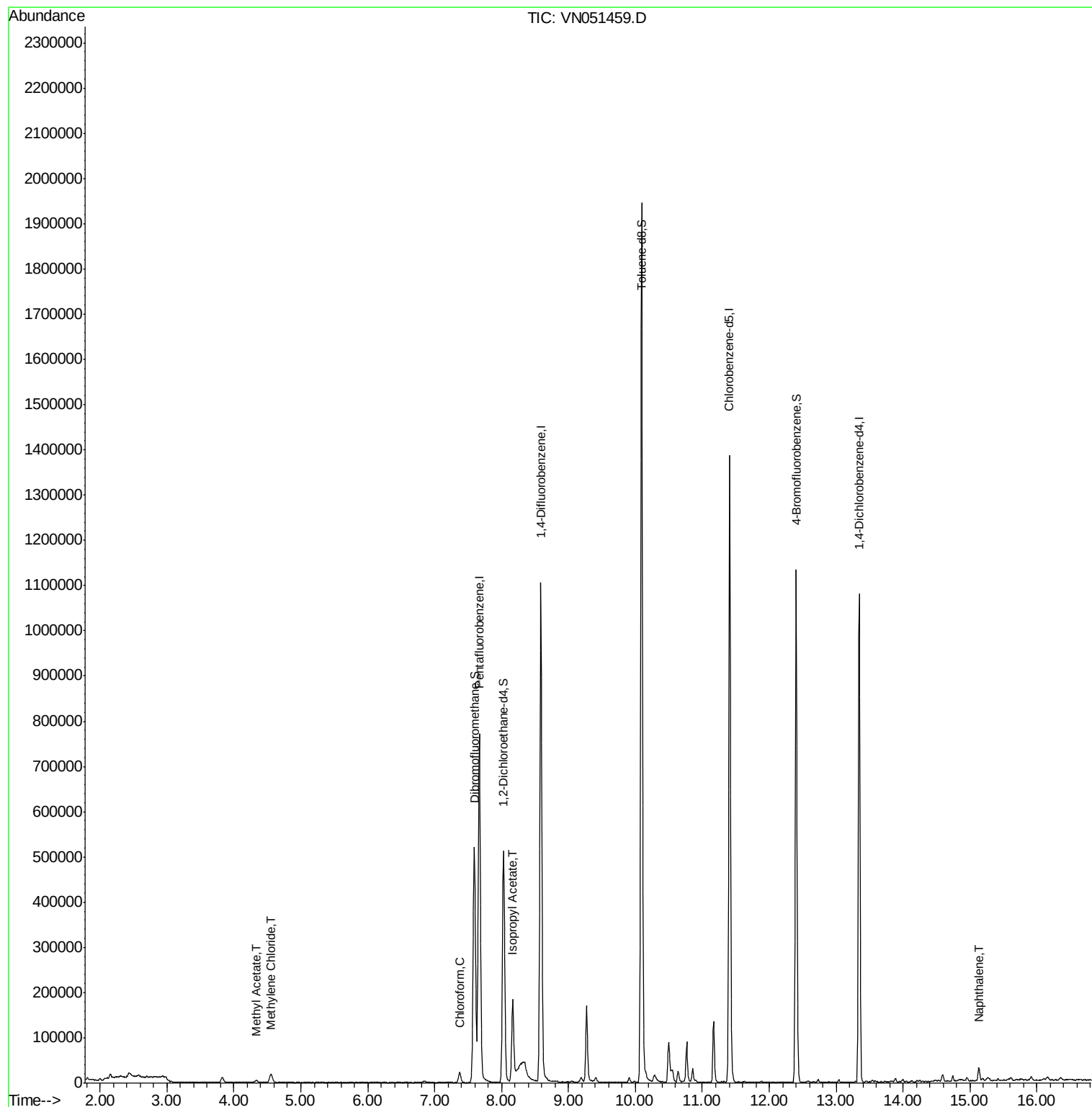
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	9292	1.480	ug/l	99
20) Methylene Chloride	4.55	84	14087	1.727	ug/l	96
30) Chloroform	7.37	83	25186	1.794	ug/l	92
43) Isopropyl Acetate	8.17	43	222454	18.192	ug/l	98
95) Naphthalene	15.13	128	25229	9.857	ug/l	97

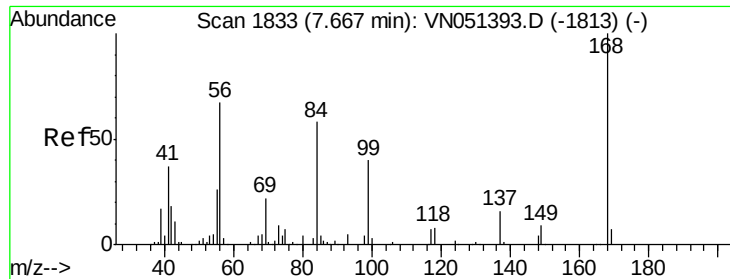
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA N/WATER
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051459.D

Acq: 24 Sep 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

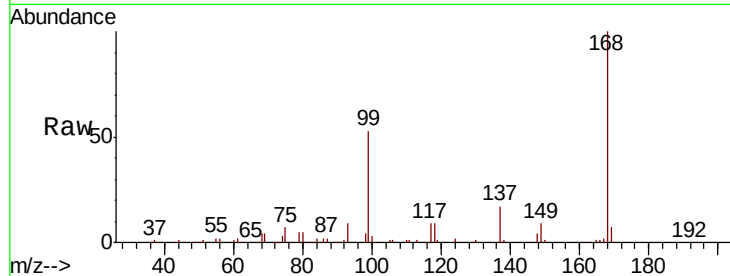
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Tot Ion:168 Resp: 658062

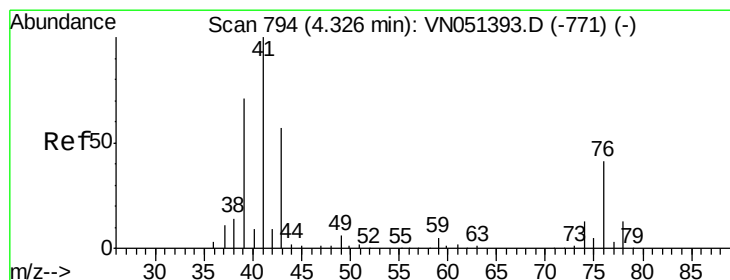
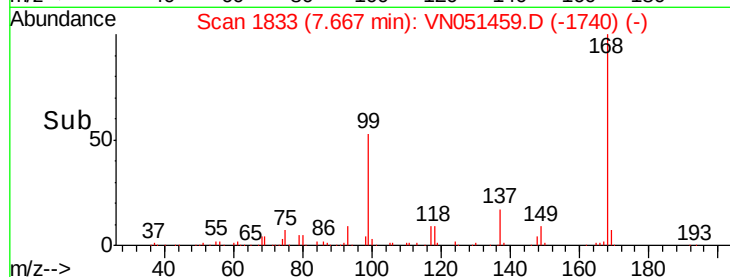
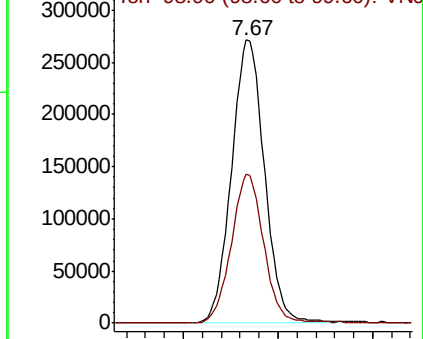
Ion Ratio Lower Upper

168 100

99 52.6 40.2 60.2



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



#18

Methyl Acetate

Concen: 1.480 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051459.D

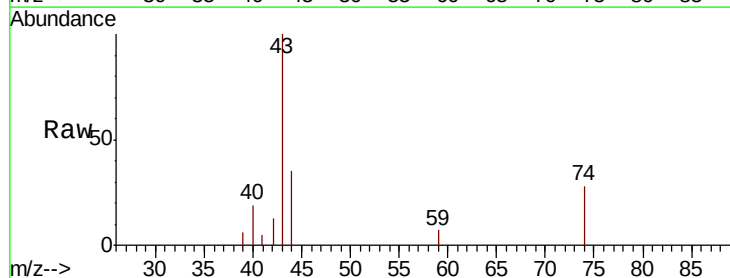
Acq: 24 Sep 2018 14:19

Tgt Ion: 43 Resp: 9292

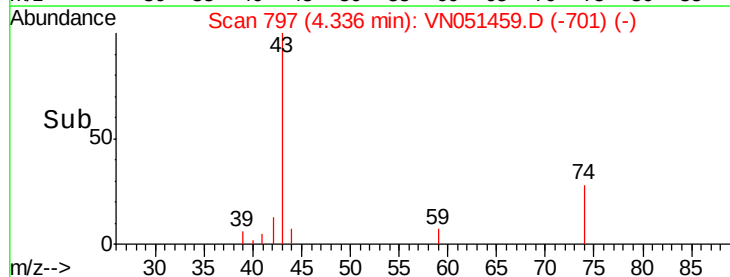
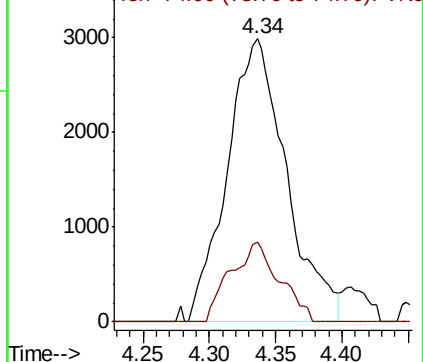
Ion Ratio Lower Upper

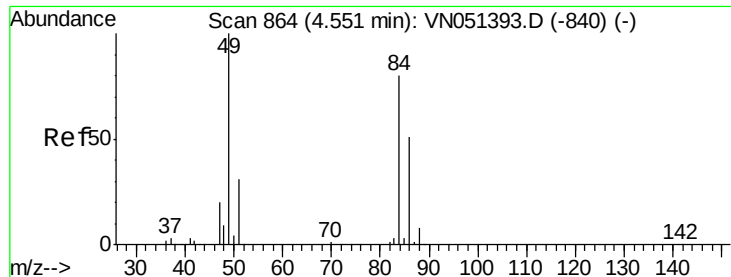
43 100

74 23.2 18.8 28.2



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

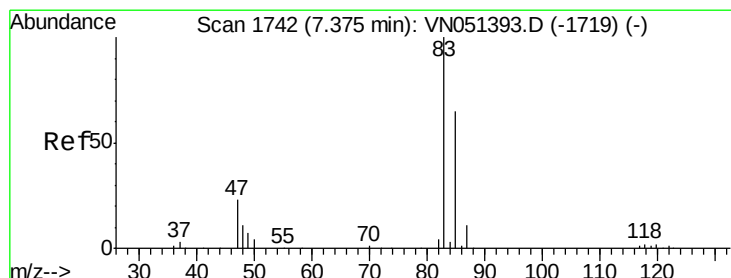
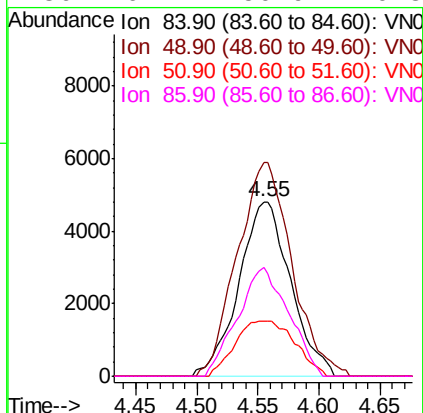
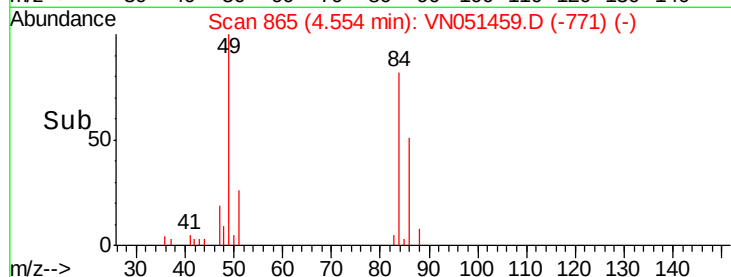
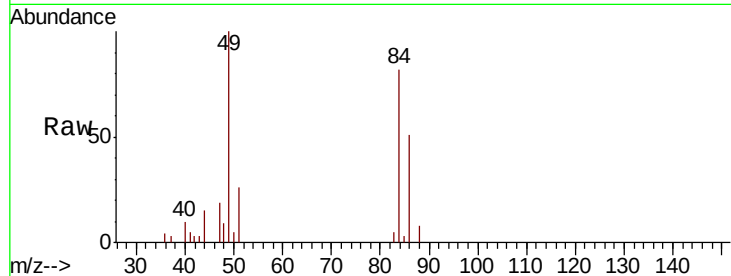




#20
Methylene Chloride
Concen: 1.727 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051459.D
Acq: 24 Sep 2018 14:19

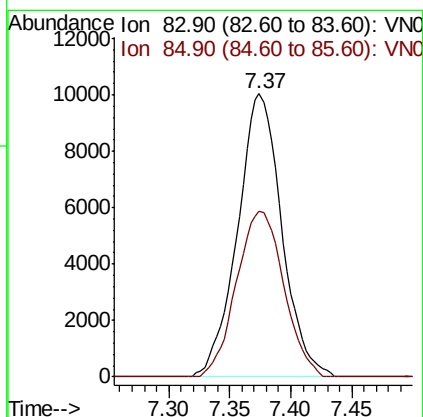
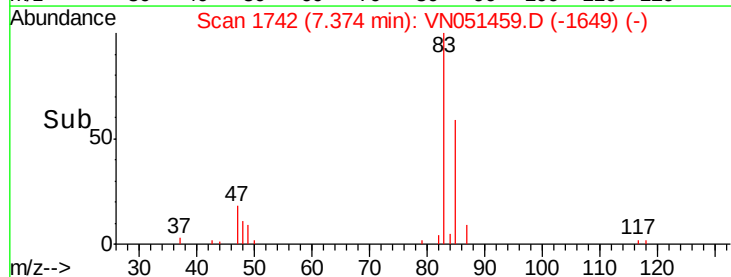
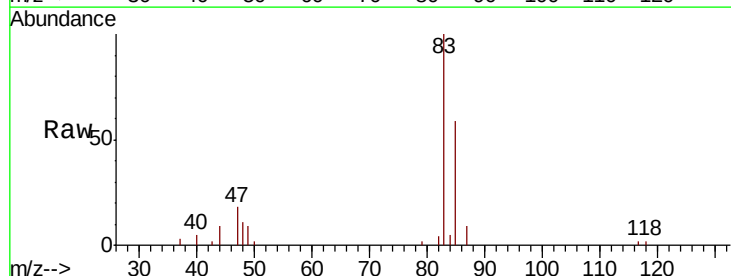
Instrument :
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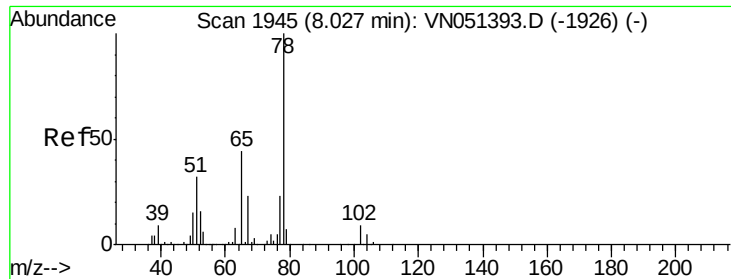
Tot Ion: 84 Resp: 14087
Ion Ratio Lower Upper
84 100
49 122.3 99.9 149.9
51 31.6 31.4 47.2
86 62.1 50.9 76.3



#30
Chloroform
Concen: 1.794 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051459.D
Acq: 24 Sep 2018 14:19

Tgt Ion: 83 Resp: 25186
Ion Ratio Lower Upper
83 100
85 58.6 51.8 77.6

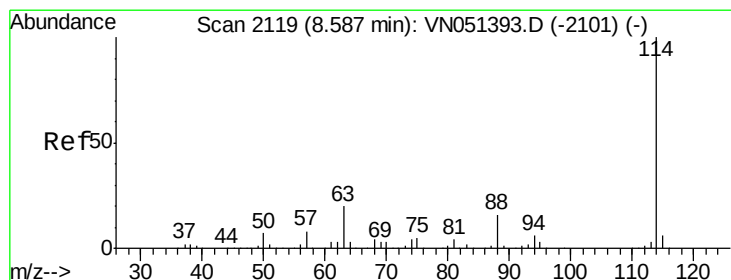
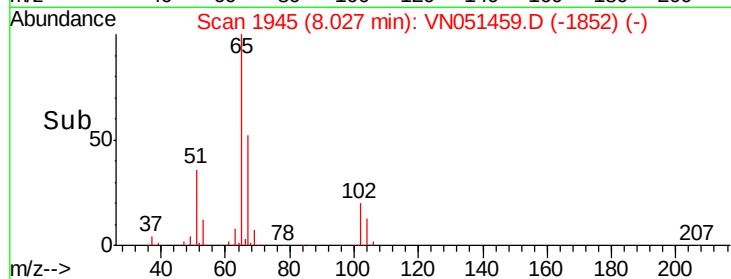
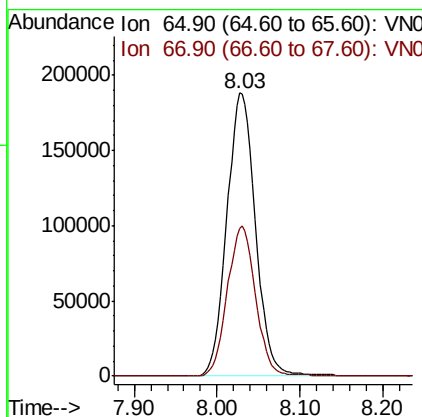
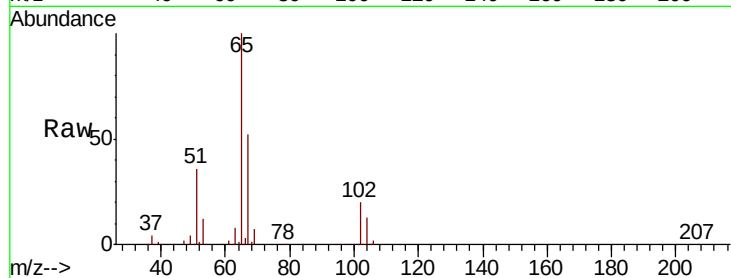




#33
 1,2-Dichloroethane-d4
 Concen: 54.942 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051459.D
 Acq: 24 Sep 2018 14:19

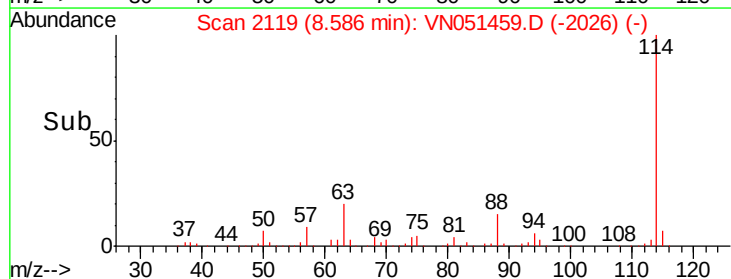
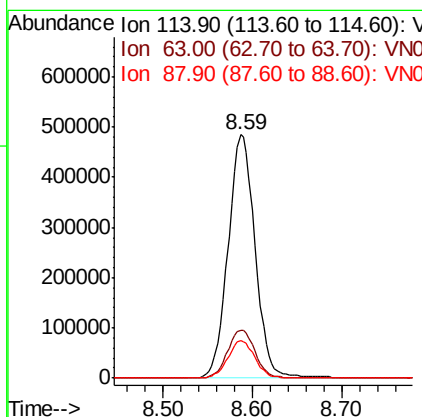
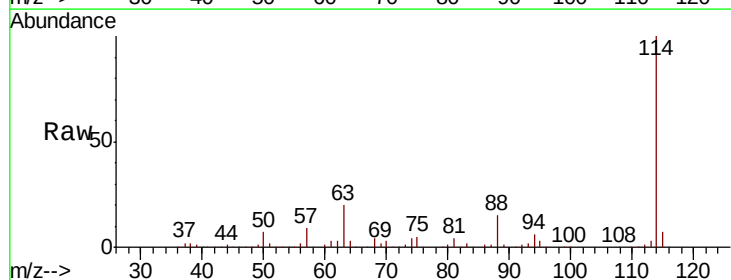
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-F

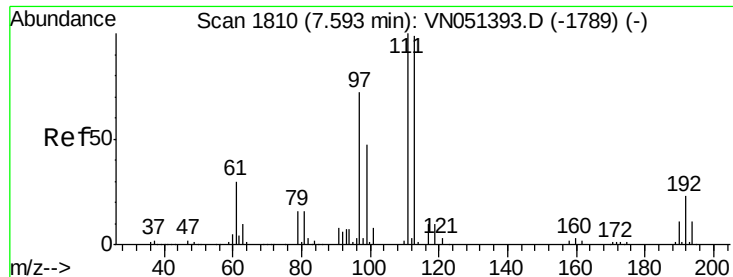
Tot Ion: 65 Resp: 452911
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051459.D
 Acq: 24 Sep 2018 14:19

Tgt Ion: 114 Resp: 1015632
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.2
 88 15.3 0.0 31.4

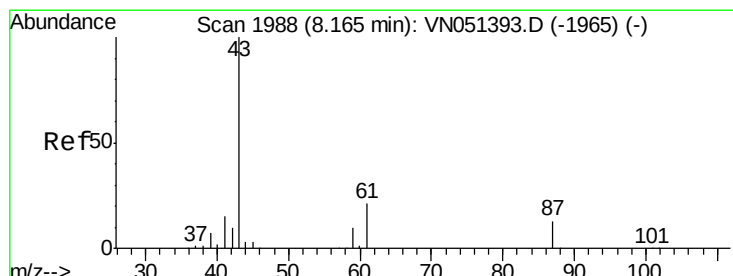
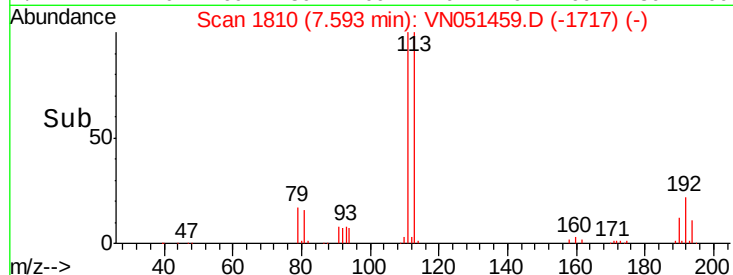
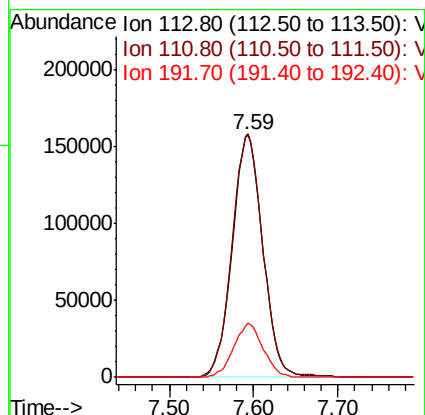
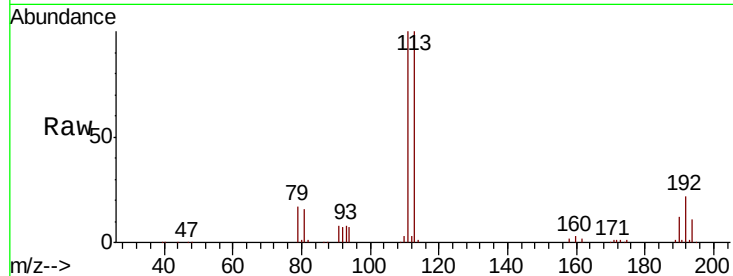




#35
 Dibromofluoromethane
 Concen: 48.976 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051459.D
 Acq: 24 Sep 2018 14:19

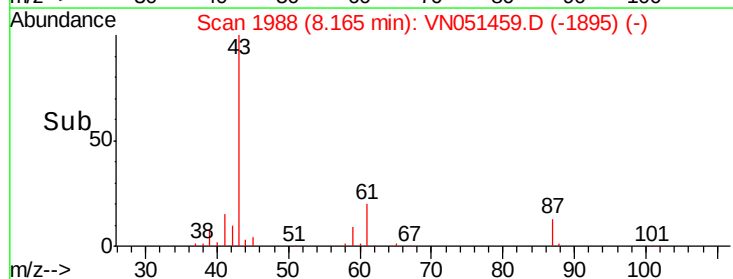
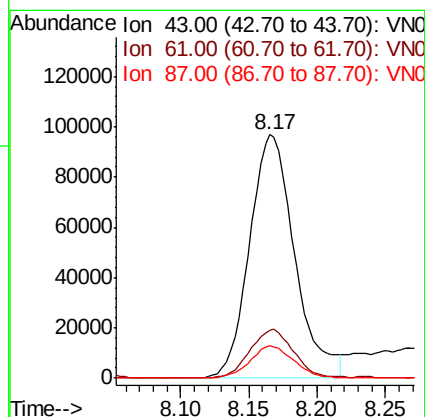
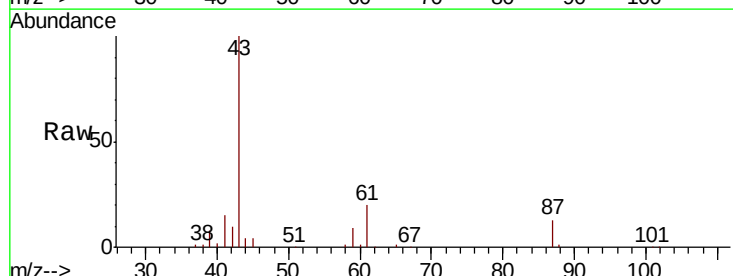
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-F

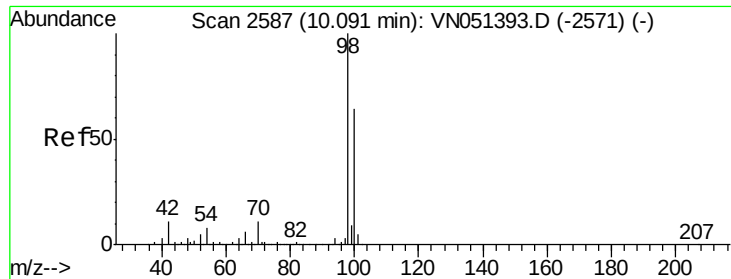
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.6	123.8
192	21.5	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 18.192 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN051459.D
 Acq: 24 Sep 2018 14:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.8	25.2
87	12.7	10.7	16.1





#50

Toluene-d8

Concen: 46.116 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051459.D

Acq: 24 Sep 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

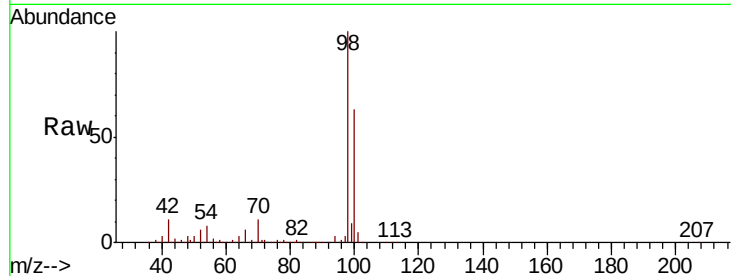
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Tot Ion: 98 Resp: 1410374

Ion Ratio Lower Upper

98 100

100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

10.09

800000

600000

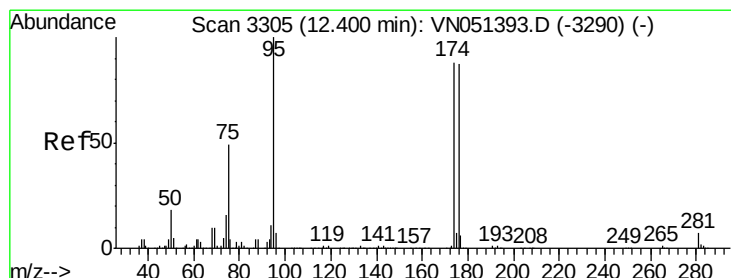
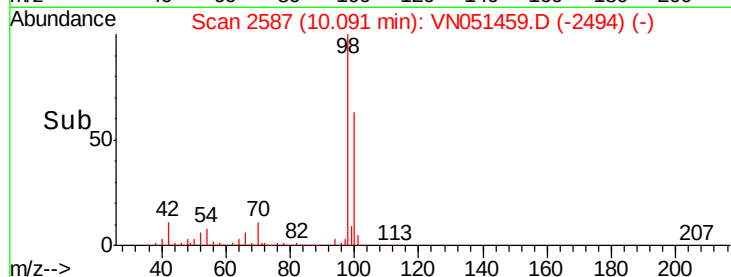
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 38.759 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051459.D

Acq: 24 Sep 2018 14:19

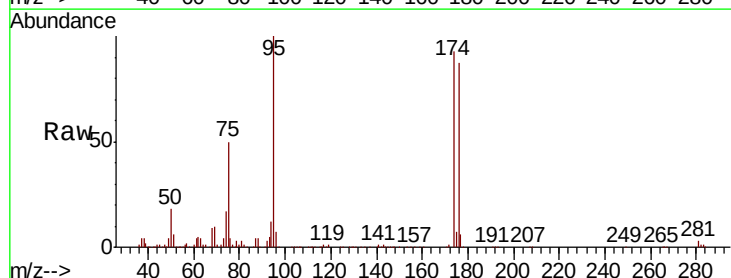
Tgt Ion: 95 Resp: 383463

Ion Ratio Lower Upper

95 100

174 91.2 0.0 181.6

176 87.4 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

300000

250000

200000

150000

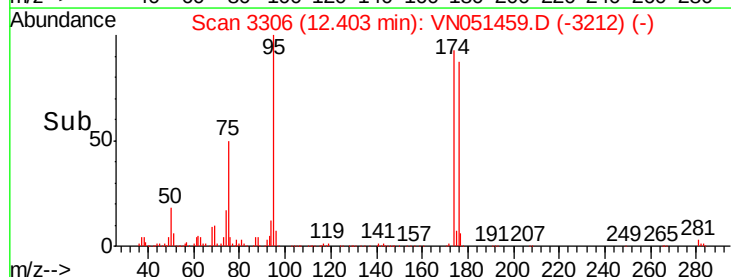
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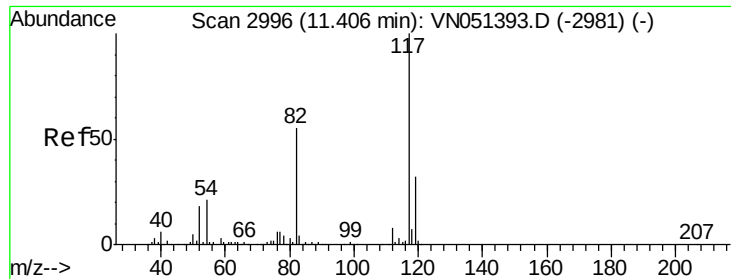
50000

0

12.30 12.40 12.50

Time-->

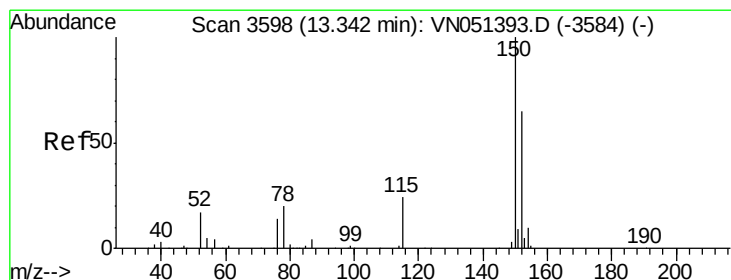
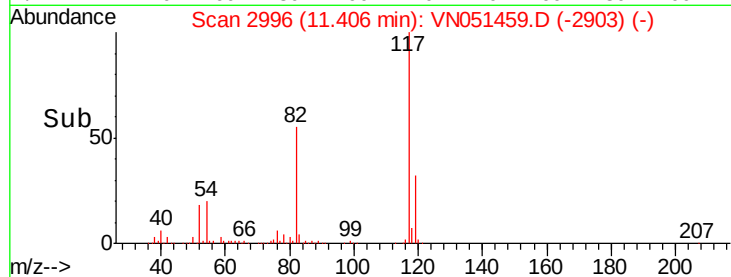
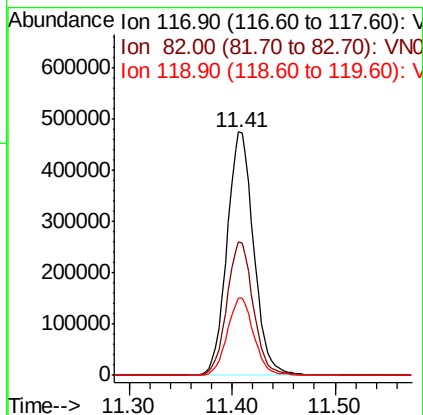
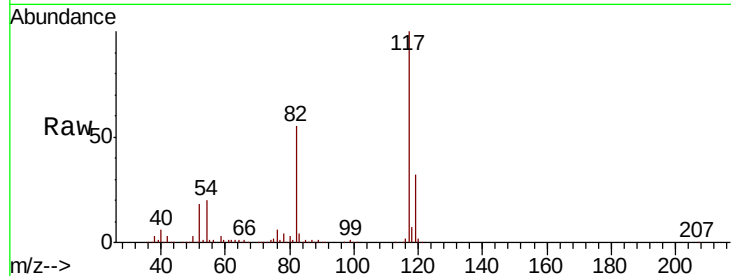




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051459.D
Acq: 24 Sep 2018 14:19

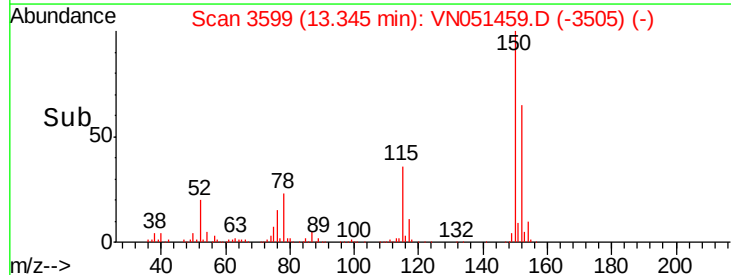
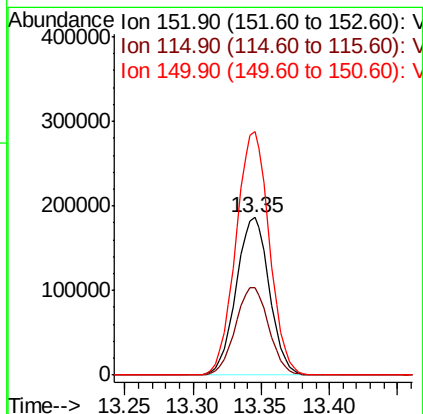
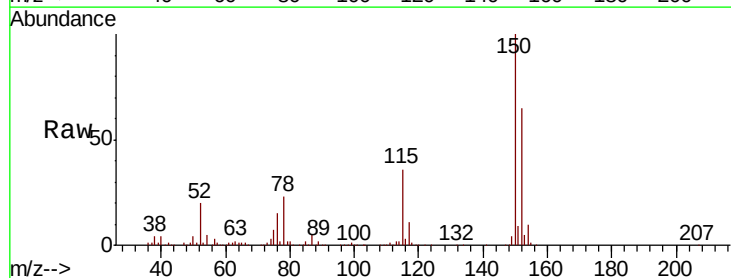
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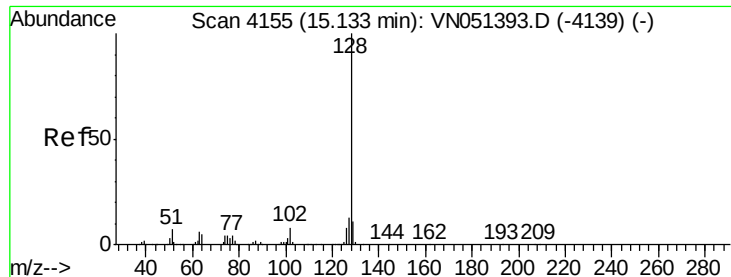
Tot Ion:117 Resp: 854779
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051459.D
Acq: 24 Sep 2018 14:19

Tgt Ion:152 Resp: 314157
Ion Ratio Lower Upper
152 100
115 56.0 28.3 84.9
150 155.8 0.0 353.6





#95

Naphthalene

Concen: 9.857 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051459.D

Acq: 24 Sep 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-F

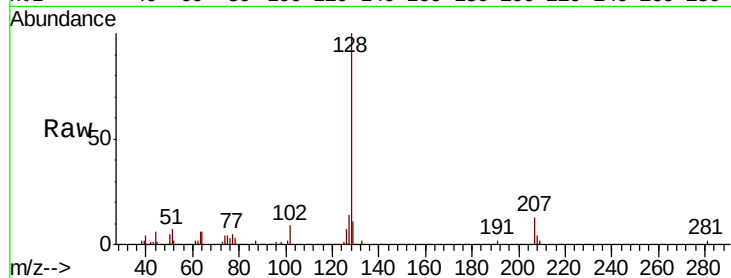
Tot Ion:128 Resp: 25229

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

20000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

