

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051574.D
 Acq On : 27 Sep 2018 11:00
 Operator : MD\SY
 Sample : J4773-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-E

Quant Time: Sep 27 11:52:32 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	624096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1029424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312078	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	452029	57.82	ug/l	0.00
Spiked Amount						
			Recovery	=	115.64%	
35) Dibromofluoromethane	7.59	113	390972	47.50	ug/l	0.00
Spiked Amount						
			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	1427516	46.05	ug/l	0.00
Spiked Amount						
			Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.40	95	390165	38.91	ug/l	0.00
Spiked Amount						
			Recovery	=	77.82%	

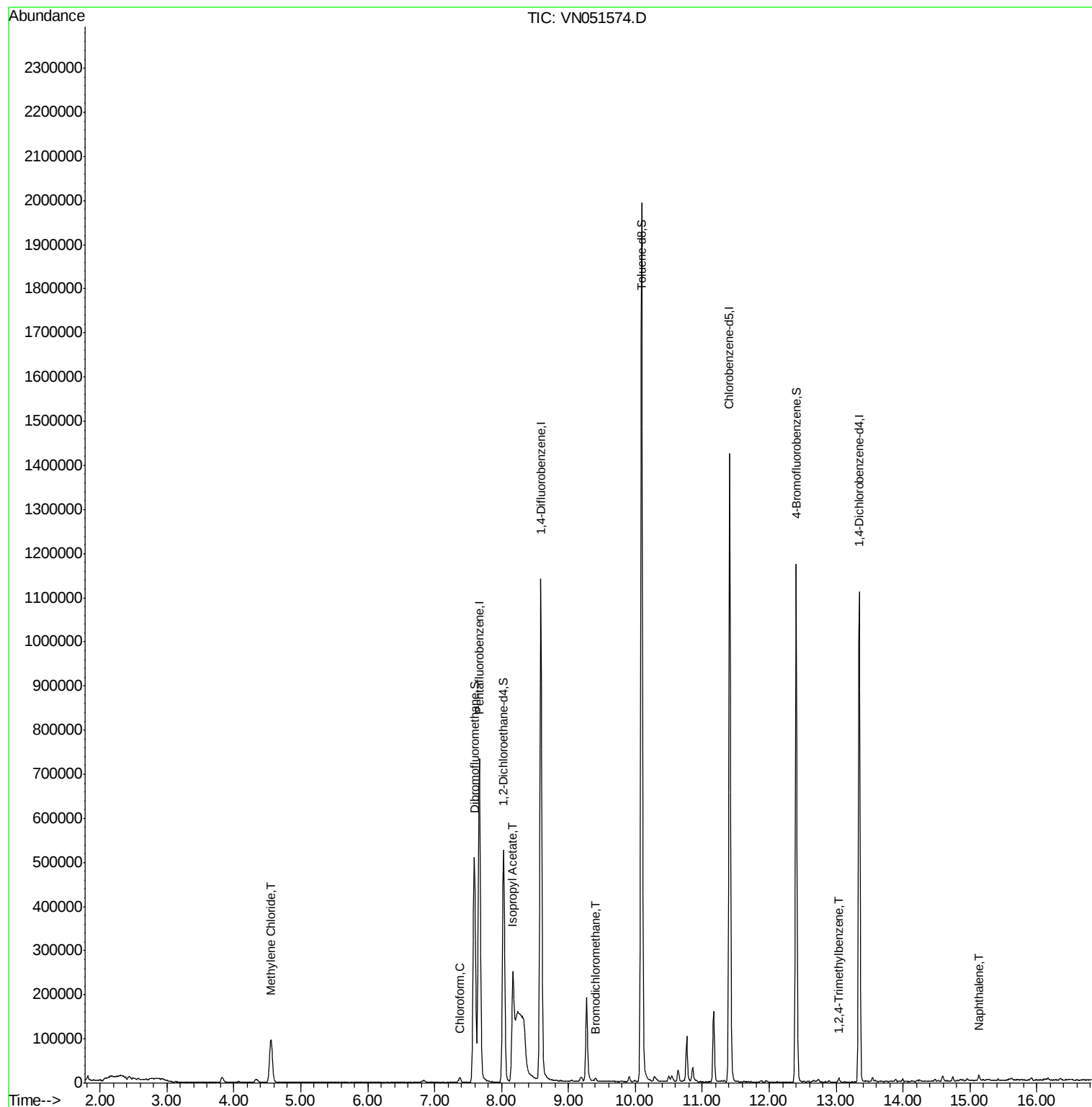
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	73438	9.493	ug/l	98
30) Chloroform	7.37	83	11468	0.861	ug/l	98
43) Isopropyl Acetate	8.17	43	321155	25.912	ug/l #	89
47) Bromodichloromethane	9.40	83	3248	0.273	ug/l	85
84) 1,2,4-Trimethylbenzene	13.04	105	5983	0.277	ug/l	94
95) Naphthalene	15.13	128	10467	8.801	ug/l #	94

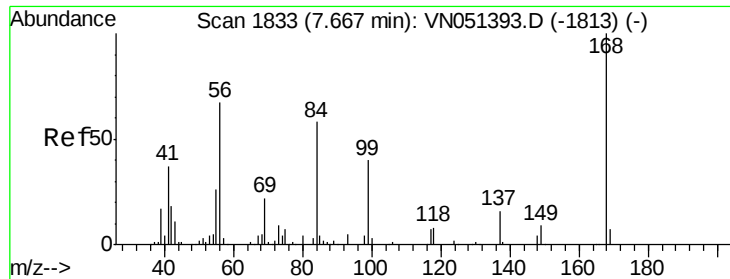
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051574.D

Acq: 27 Sep 2018 11:00

Instrument :

MSVOA_N

ClientSampleId :

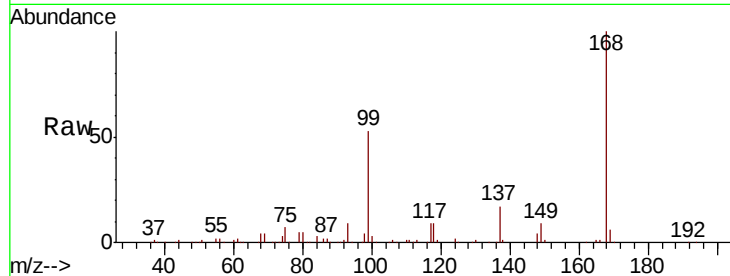
CL-02-092518-E

Tot Ion:168 Resp: 624096

Ion Ratio Lower Upper

168 100

99 52.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

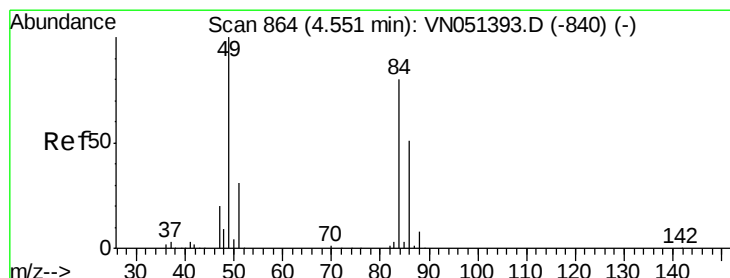
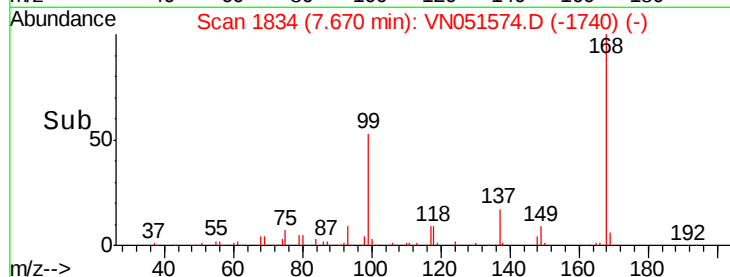
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.493 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051574.D

Acq: 27 Sep 2018 11:00

Tgt Ion: 84 Resp: 73438

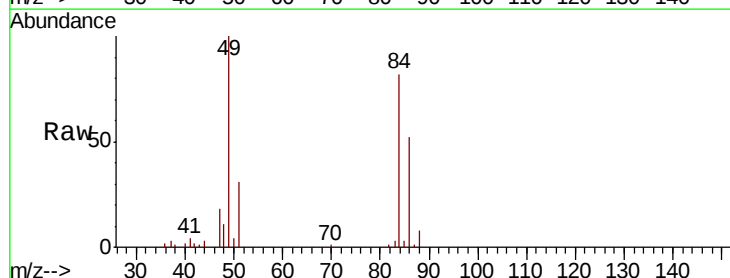
Ion Ratio Lower Upper

84 100

49 121.5 99.9 149.9

51 37.5 31.4 47.2

86 63.0 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

40000

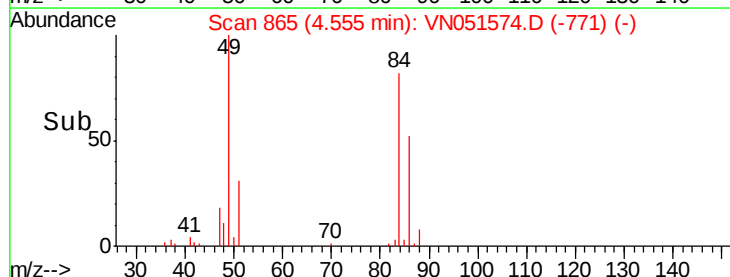
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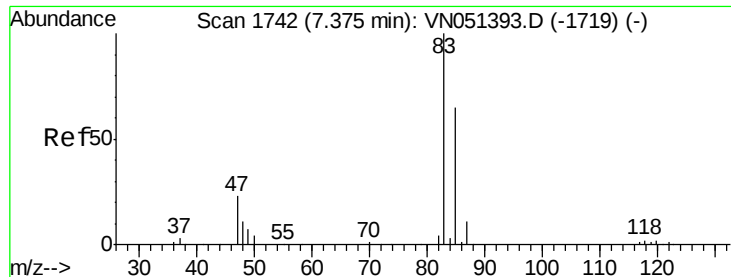
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10000

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Time-->

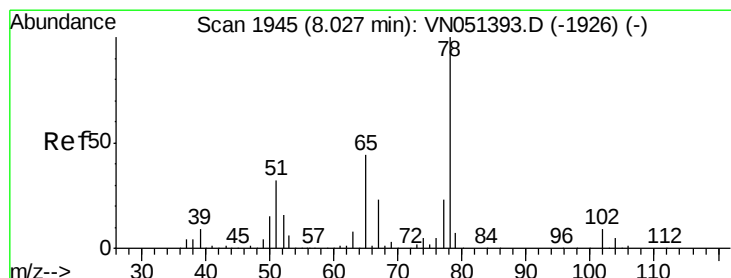
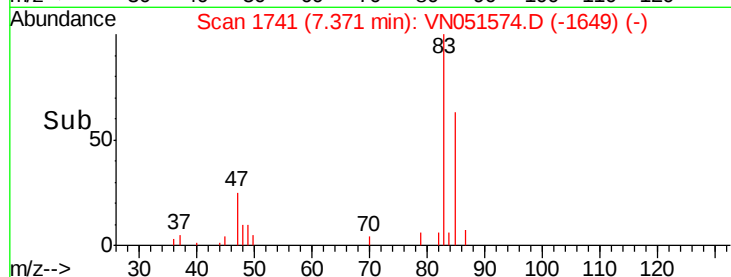
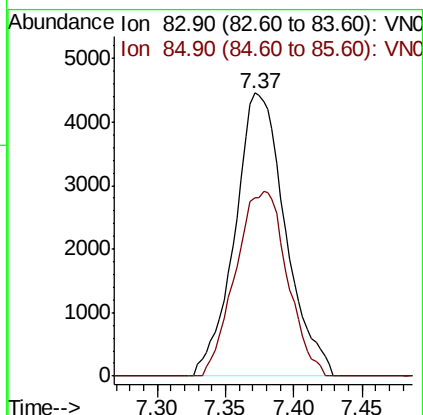
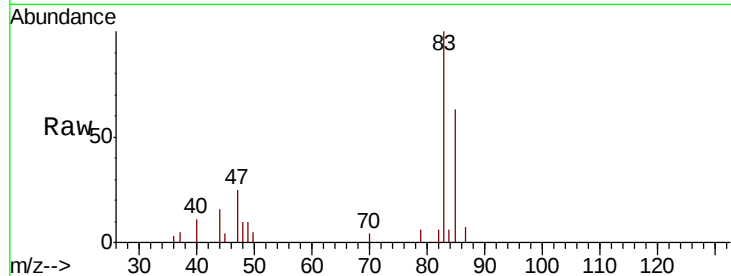




#30
Chloroform
Concen: 0.861 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051574.D
Acq: 27 Sep 2018 11:00

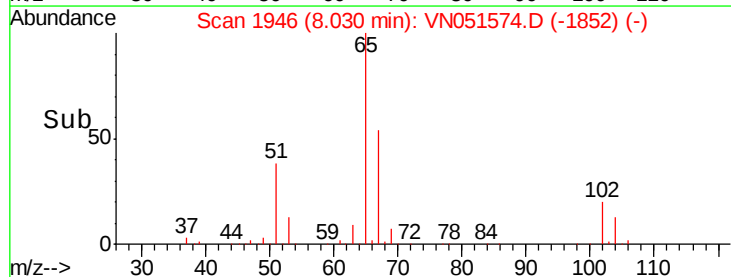
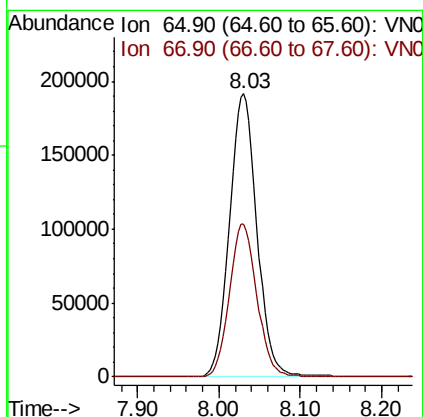
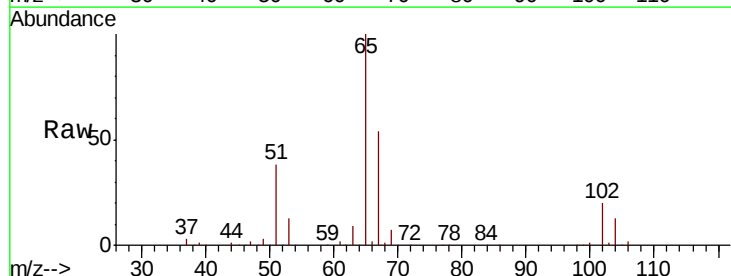
Instrument :
MSVOA_N
ClientSampleId :
CL-02-092518-E

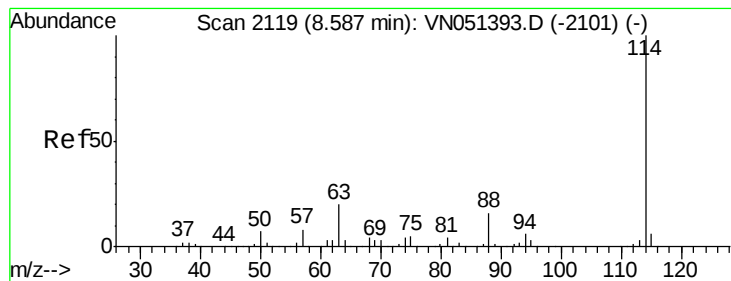
Tot Ion: 83 Resp: 11468
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 57.819 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051574.D
Acq: 27 Sep 2018 11:00

Tgt Ion: 65 Resp: 452029
Ion Ratio Lower Upper
65 100
67 54.0 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: VN051574.D

Acq: 27 Sep 2018 11:00

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-E

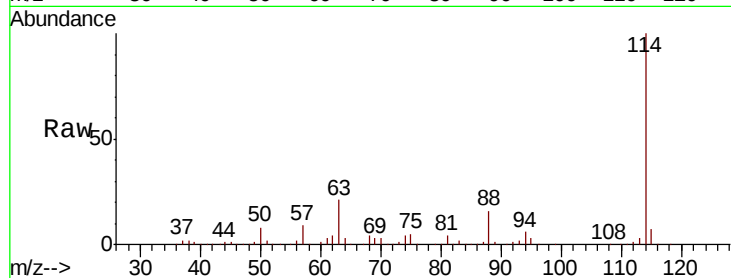
Tot Ion:114 Resp: 1029424

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.2

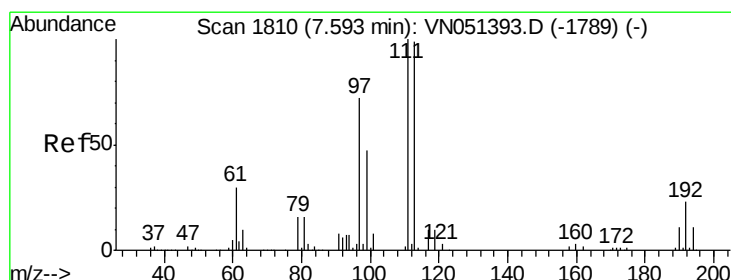
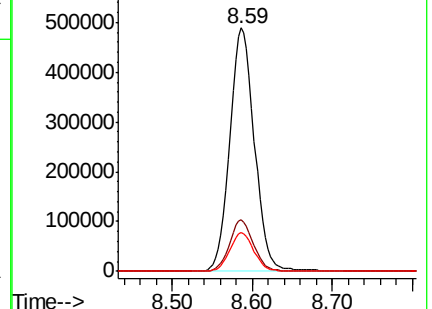
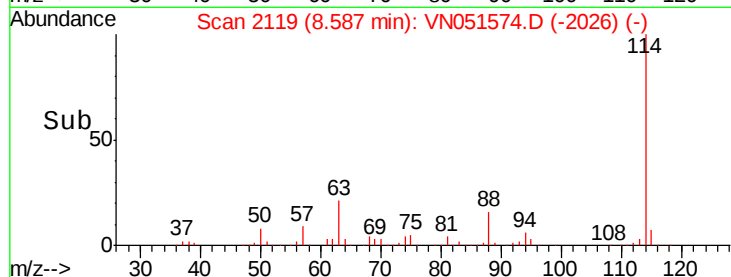
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.495 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051574.D

Acq: 27 Sep 2018 11:00

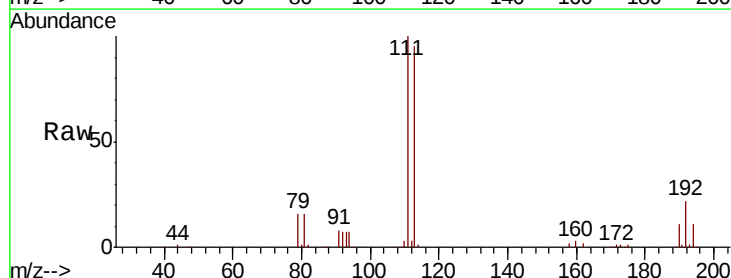
Tgt Ion:113 Resp: 390972

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

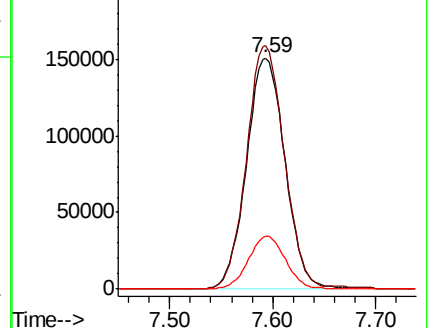
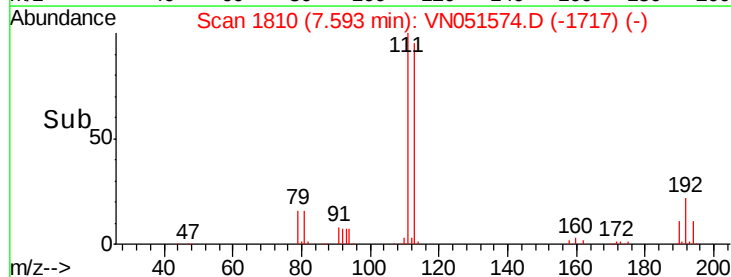
192 22.3 18.0 27.0

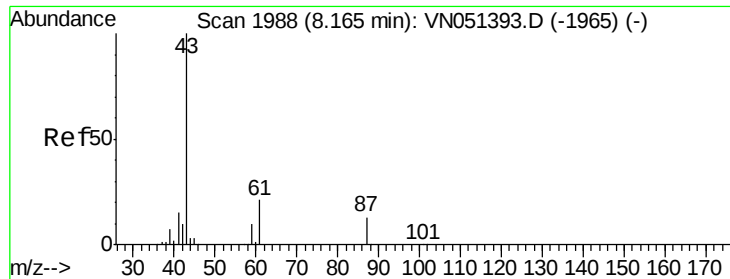


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 25.912 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051574.D

Acq: 27 Sep 2018 11:00

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-E

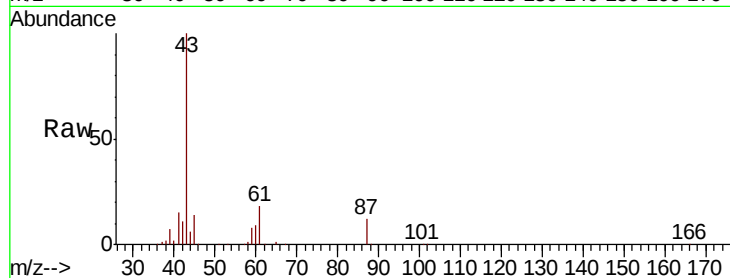
Tot Ion: 43 Resp: 321155

Ion Ratio Lower Upper

43 100

61 15.7 16.8 25.2#

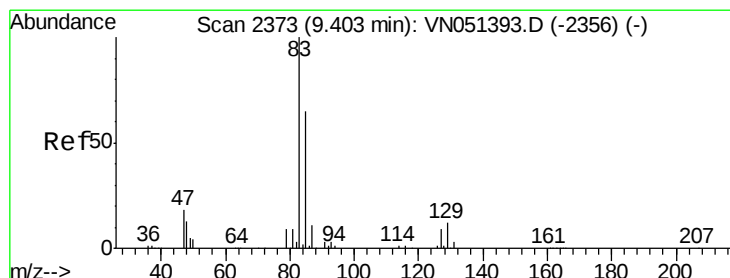
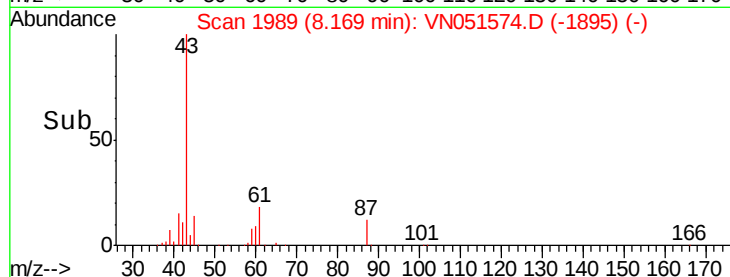
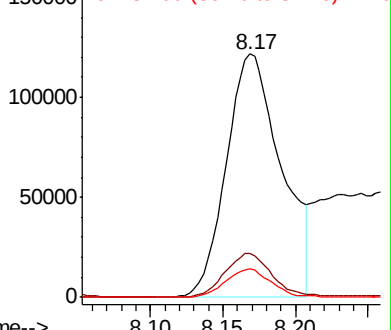
87 9.7 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.273 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051574.D

Acq: 27 Sep 2018 11:00

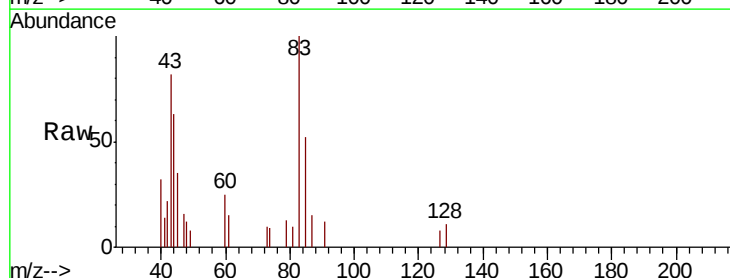
Tgt Ion: 83 Resp: 3248

Ion Ratio Lower Upper

83 100

85 51.9 51.8 77.6

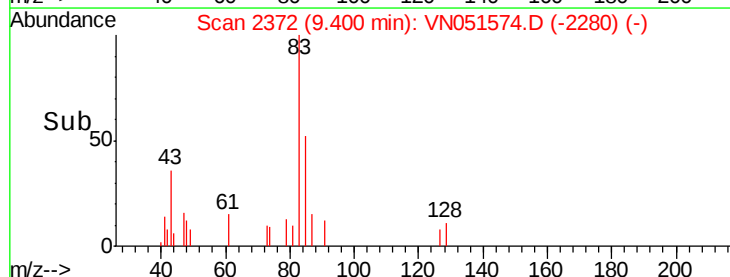
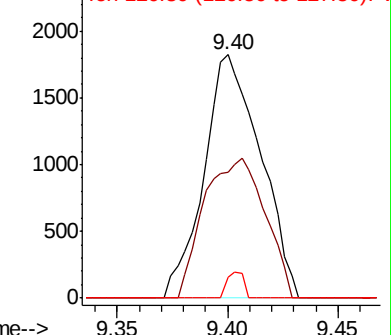
127 8.3 7.4 11.2

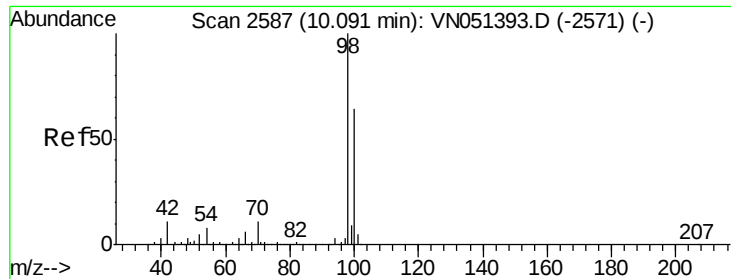


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 46.052 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051574.D

Acq: 27 Sep 2018 11:00

Instrument :

MSVOA_N

ClientSampleId :

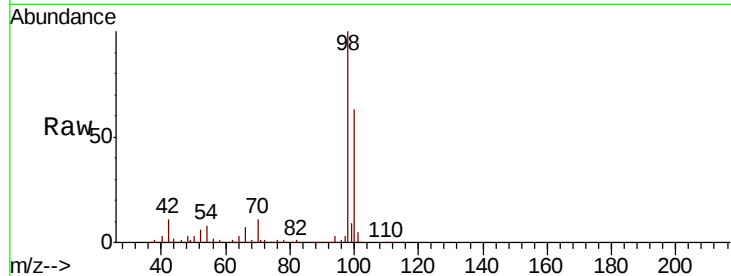
CL-02-092518-E

Tot Ion: 98 Resp: 1427516

Ion Ratio Lower Upper

98 100

100 63.0 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

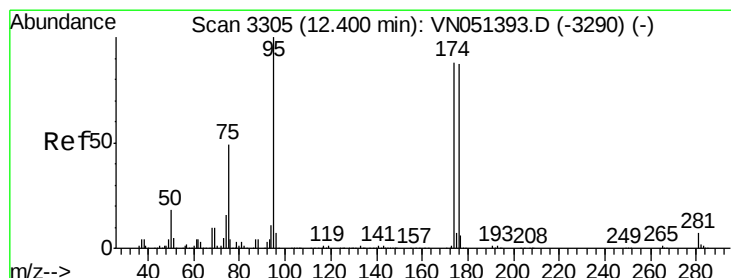
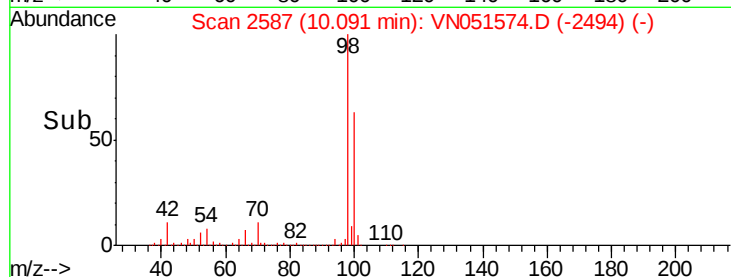
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.908 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051574.D

Acq: 27 Sep 2018 11:00

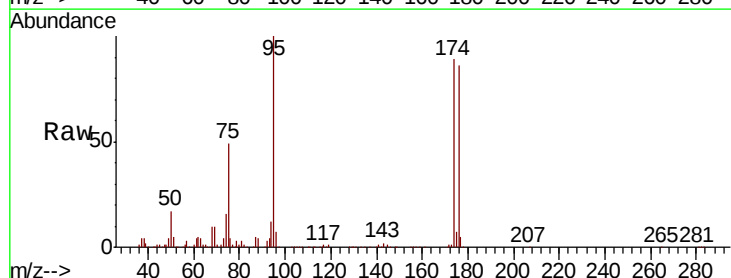
Tgt Ion: 95 Resp: 390165

Ion Ratio Lower Upper

95 100

174 88.7 0.0 181.6

176 85.8 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) (-)

12.40

300000

250000

200000

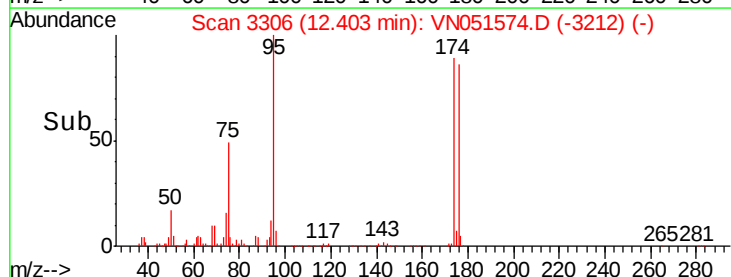
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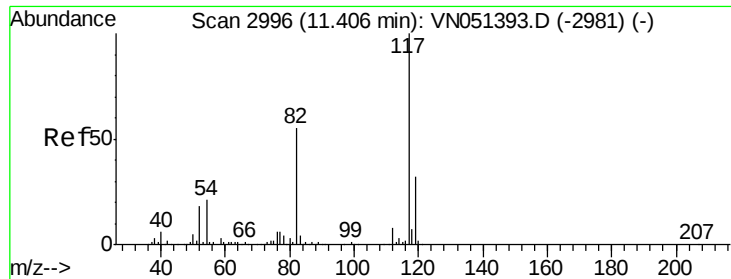
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50000

0

Time-->

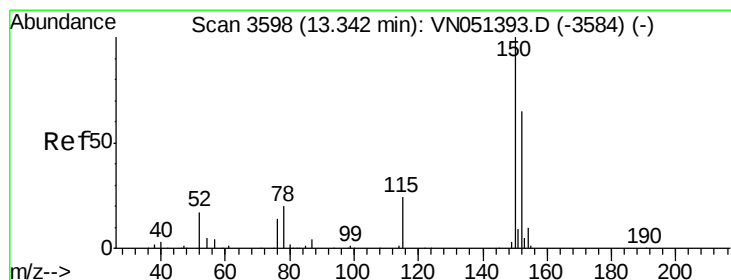
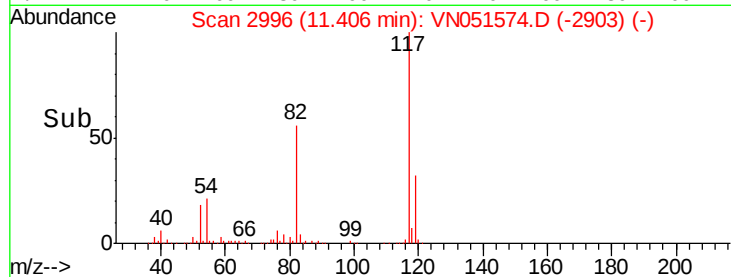
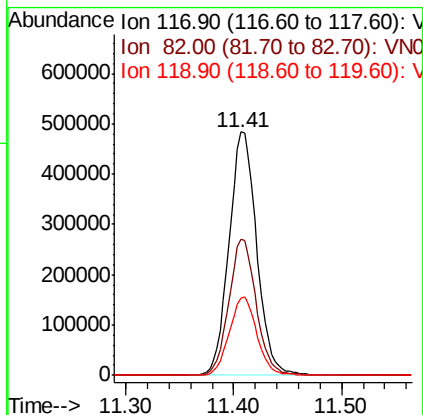
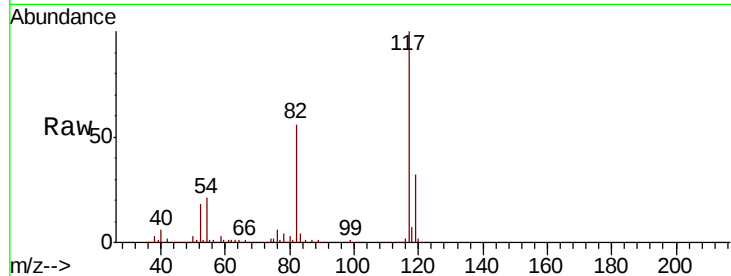




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051574.D
Acq: 27 Sep 2018 11:00

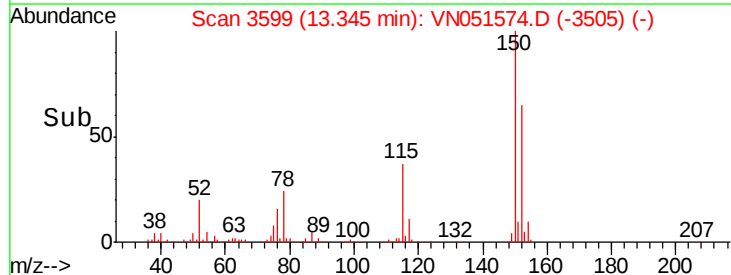
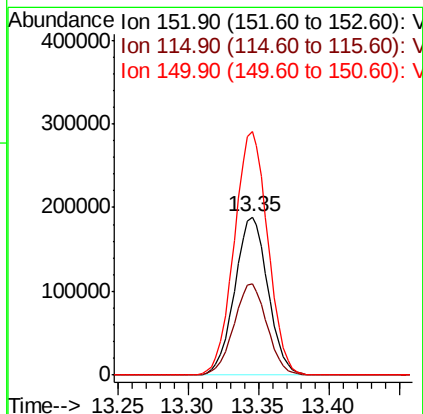
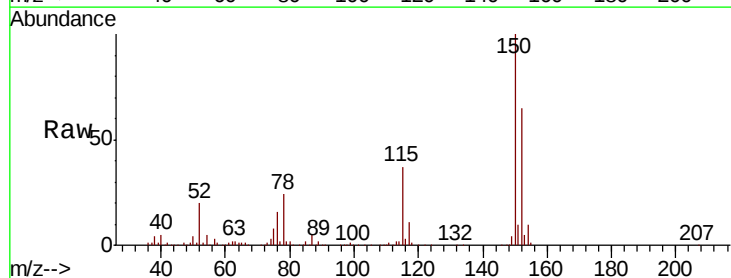
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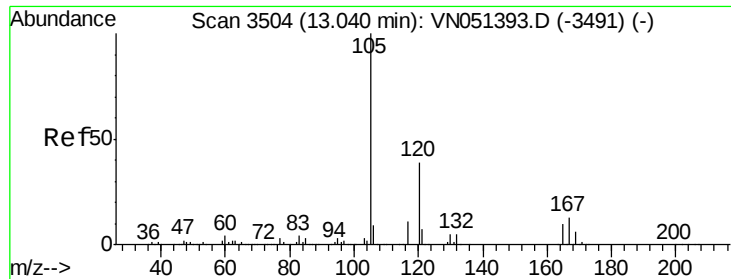
Tot Ion:117 Resp: 866437
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051574.D
Acq: 27 Sep 2018 11:00

Tgt Ion:152 Resp: 312078
Ion Ratio Lower Upper
152 100
115 57.6 28.3 84.9
150 155.7 0.0 353.6

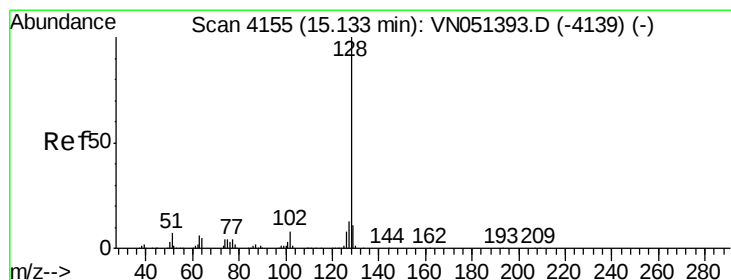
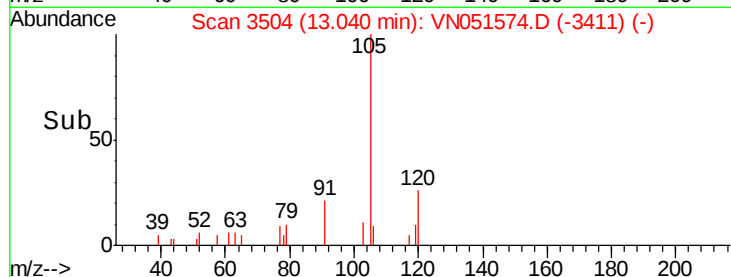
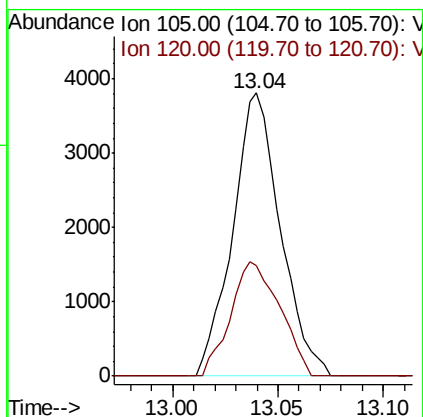
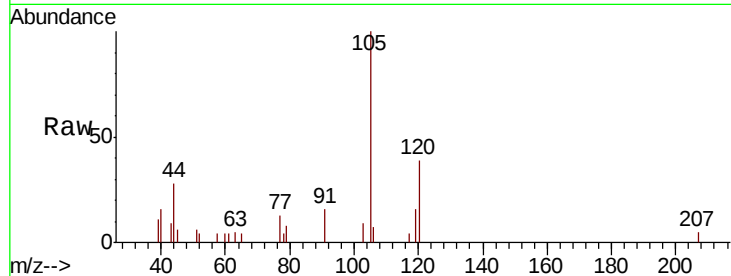




#84
 1,2,4-Trimethylbenzene
 Concen: 0.277 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051574.D
 Acq: 27 Sep 2018 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion:105 Resp: 5983
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.9 68.7



#95
 Naphthalene
 Concen: 8.801 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051574.D
 Acq: 27 Sep 2018 11:00

Tgt Ion:128 Resp: 10467
 Ion Ratio Lower Upper
 128 100
 127 15.8 10.5 15.7#
 129 9.1 8.6 12.8

