

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051576.D
 Acq On : 27 Sep 2018 11:49
 Operator : MD\SY
 Sample : J4773-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Sep 27 12:23:13 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

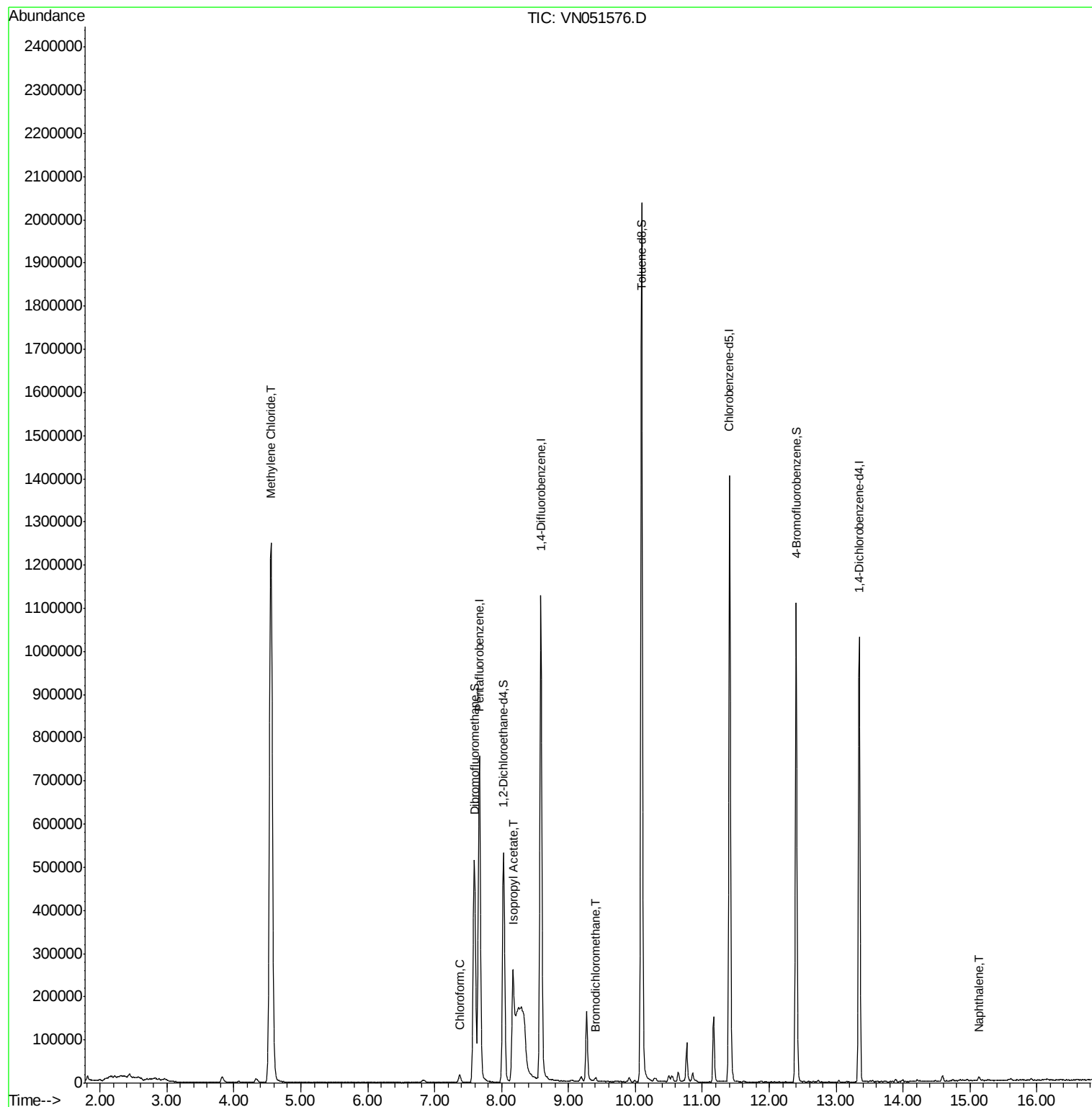
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	637079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1037922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	460653	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	7.59	113	400709	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	10.09	98	1443393	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
62) 4-Bromofluorobenzene	12.40	95	377239	37.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.62%	
Target Compounds						
20) Methylene Chloride	4.55	84	945059	119.671	ug/l	99
30) Chloroform	7.37	83	18009	1.325	ug/l	91
43) Isopropyl Acetate	8.17	43	362548	29.012	ug/l #	85
47) Bromodichloromethane	9.40	83	5153	0.430	ug/l #	89
95) Naphthalene	15.13	128	7563	8.626	ug/l #	96

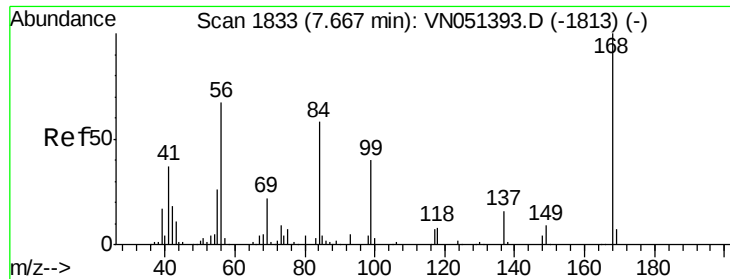
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051576.D

Acq: 27 Sep 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

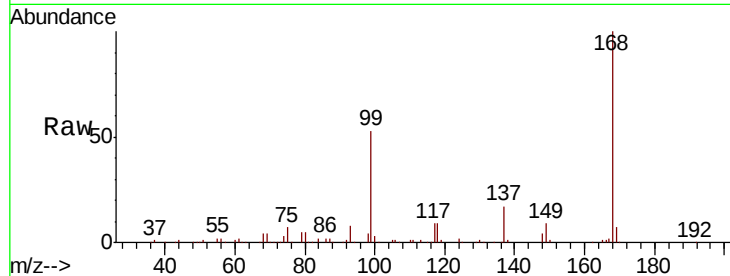
CL-02-092518-C

Tot Ion:168 Resp: 637079

Ion Ratio Lower Upper

168 100

99 52.6 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

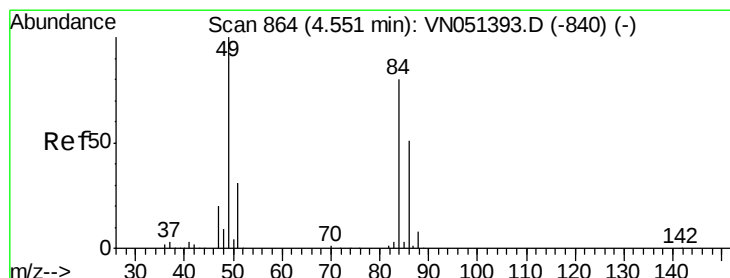
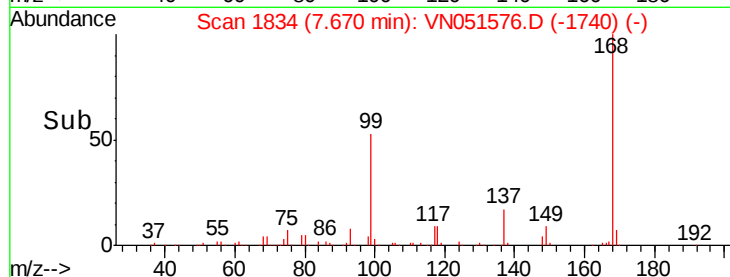
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 119.671 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051576.D

Acq: 27 Sep 2018 11:49

Tgt Ion: 84 Resp: 945059

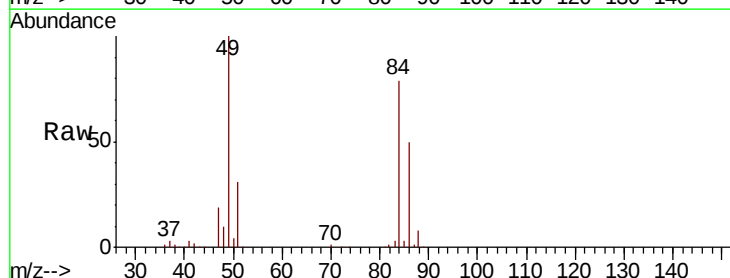
Ion Ratio Lower Upper

84 100

49 127.1 99.9 149.9

51 39.0 31.4 47.2

86 63.8 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

600000

500000

400000

300000

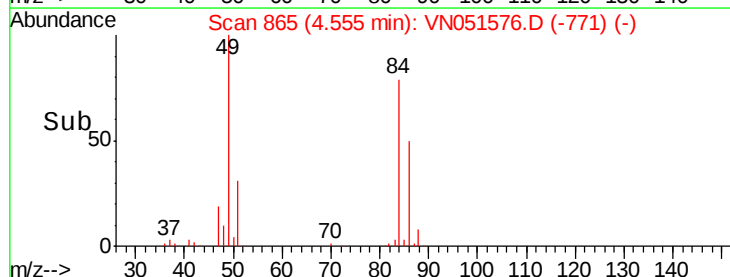
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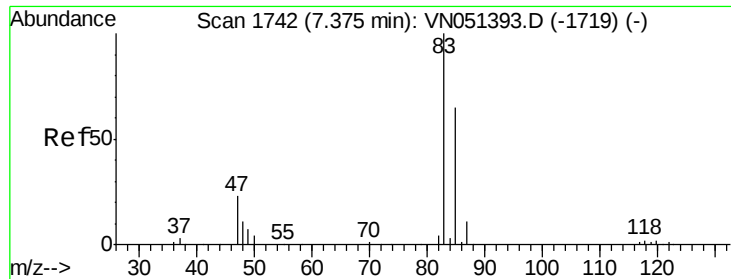
100000

0

4.40 4.50 4.60 4.70

Time-->

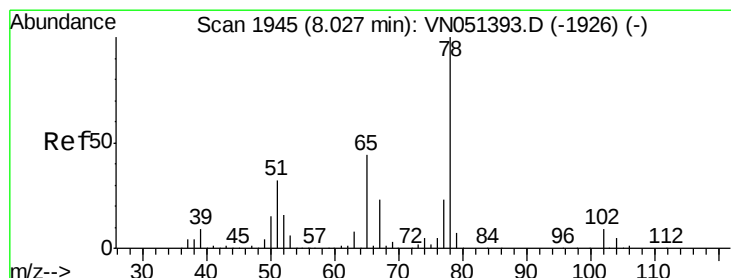
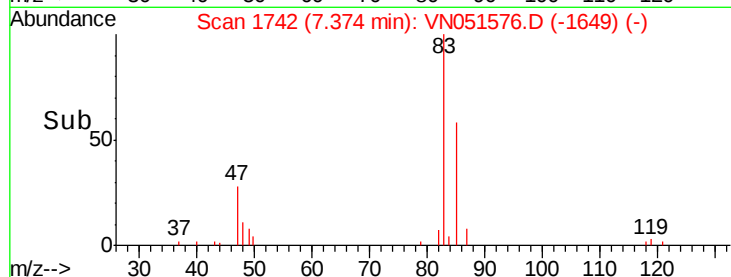
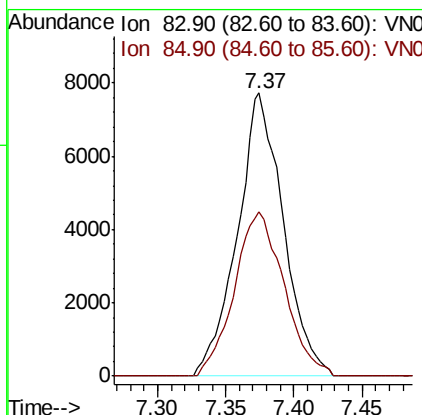
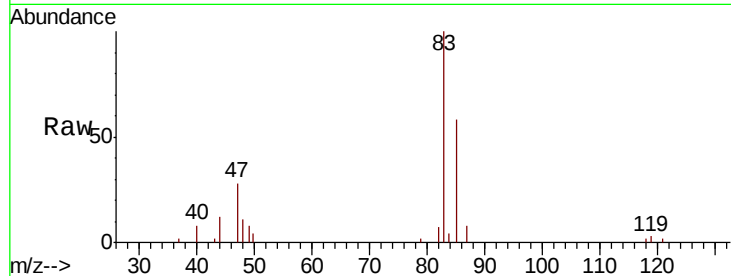




#30
 Chloroform
 Concen: 1.325 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VN051576.D
 Acq: 27 Sep 2018 11:49

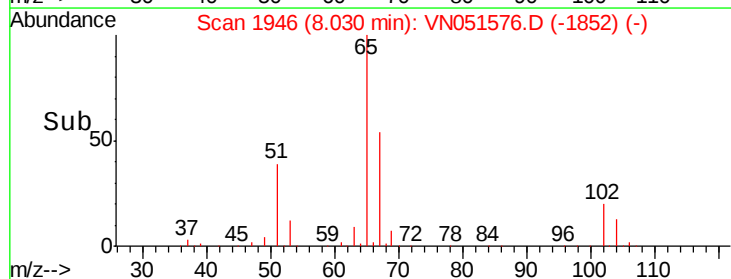
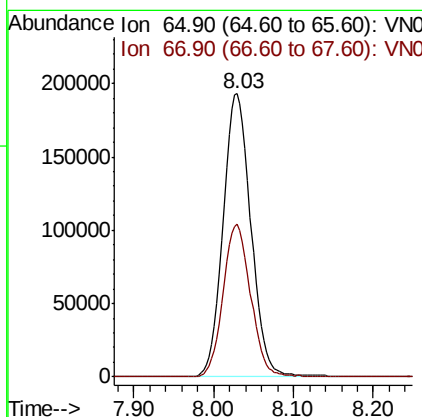
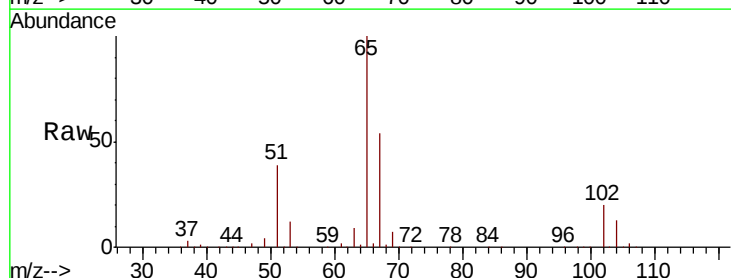
Instrument :
 MSVOA_N
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 CL-02-092518-C

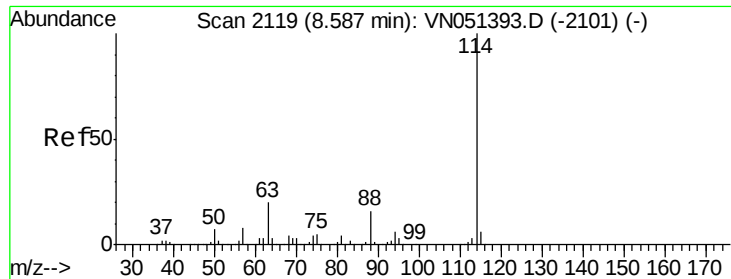
Tot Ion: 83 Resp: 18009
 Ion Ratio Lower Upper
 83 100
 85 57.9 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 57.722 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051576.D
 Acq: 27 Sep 2018 11:49

Tgt Ion: 65 Resp: 460653
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



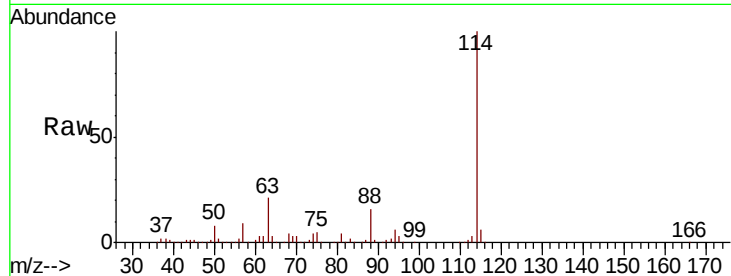


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051576.D
 Acq: 27 Sep 2018 11:49

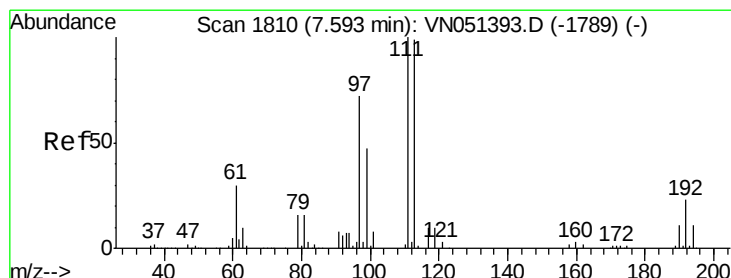
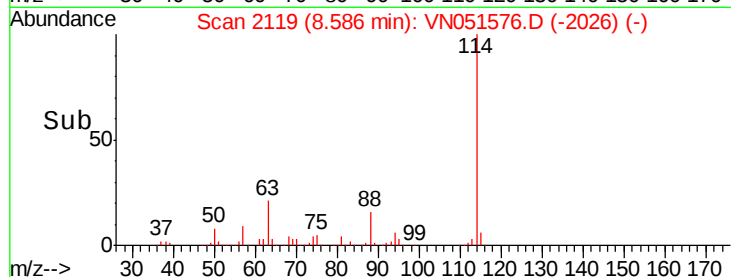
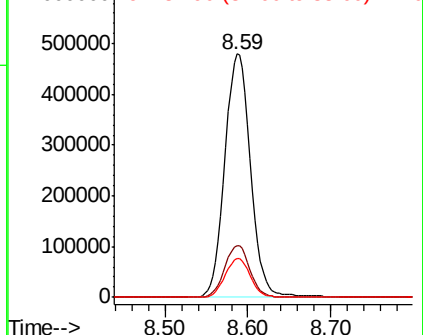
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-C

Tot Ion:114 Resp: 1037922

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.2
88	16.1	0.0	31.4



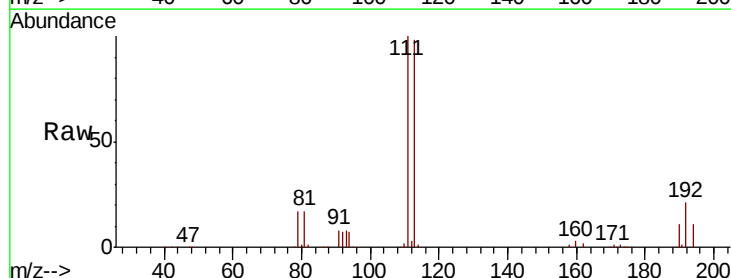
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



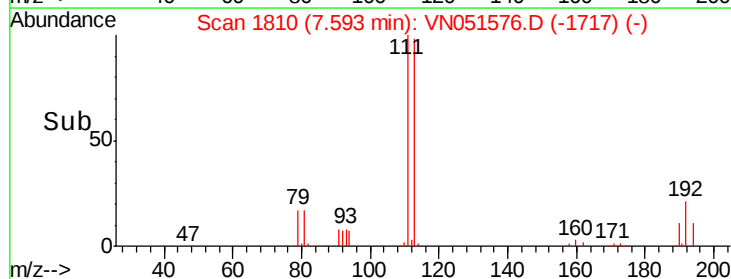
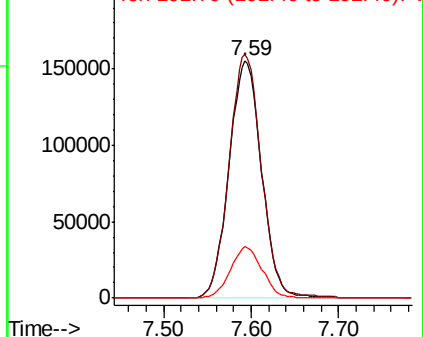
#35
 Dibromofluoromethane
 Concen: 48.279 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051576.D
 Acq: 27 Sep 2018 11:49

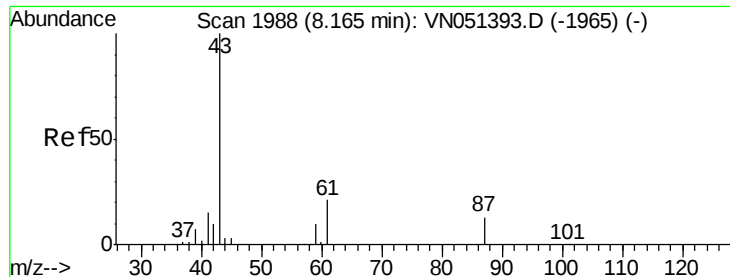
Tgt Ion:113 Resp: 400709

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	21.1	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: 29.012 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051576.D

Acq: 27 Sep 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-C

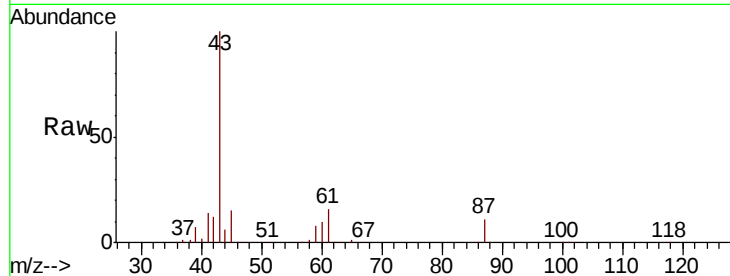
Tot Ion: 43 Resp: 362548

Ion Ratio Lower Upper

43 100

61 13.5 16.8 25.2#

87 8.3 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051576.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN051576.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN051576.D (-1895) (-)

8.17

150000

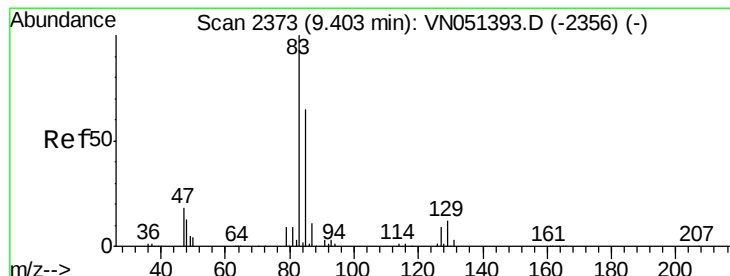
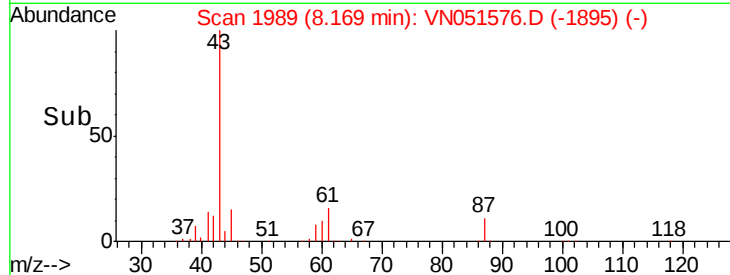
100000

50000

0

8.10 8.20

Time-->



#47

Bromodichloromethane

Concen: 0.430 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051576.D

Acq: 27 Sep 2018 11:49

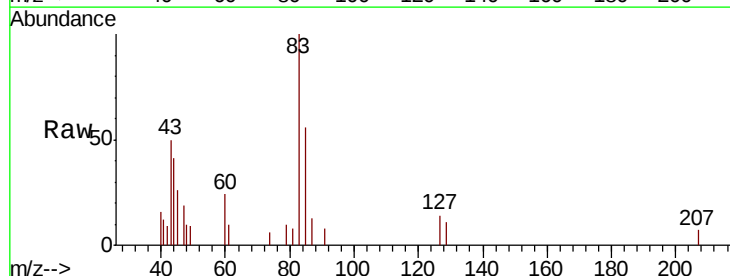
Tgt Ion: 83 Resp: 5153

Ion Ratio Lower Upper

83 100

85 56.4 51.8 77.6

127 14.2 7.4 11.2#



Abundance Ion 82.90 (82.60 to 83.60): VN051576.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051576.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051576.D (-2280) (-)

9.40

3000

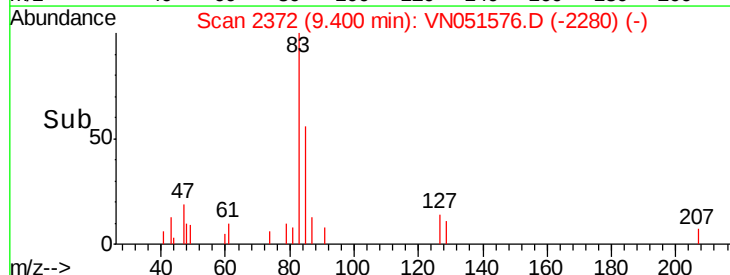
2000

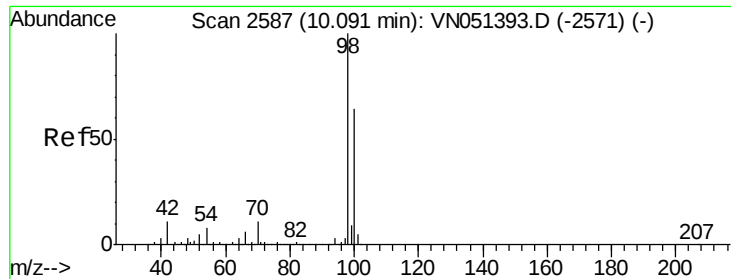
1000

0

9.35 9.40 9.45

Time-->

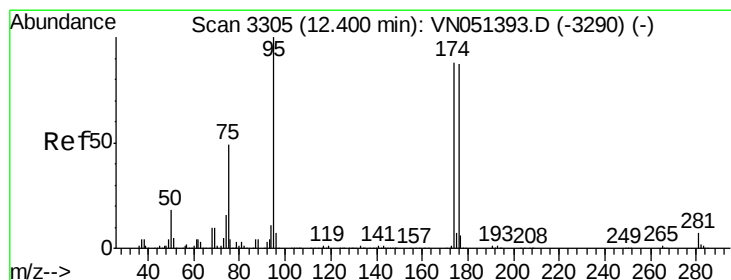
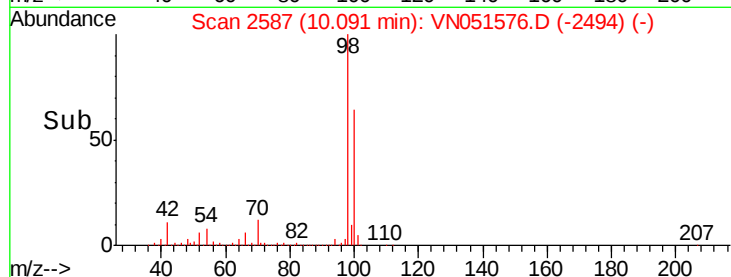
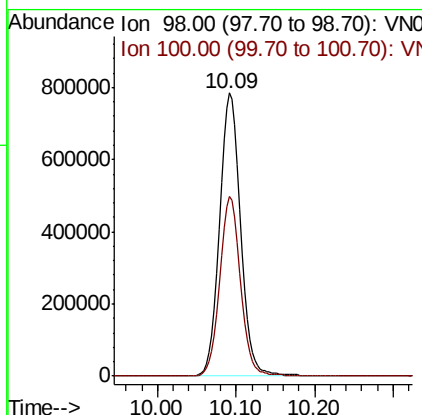
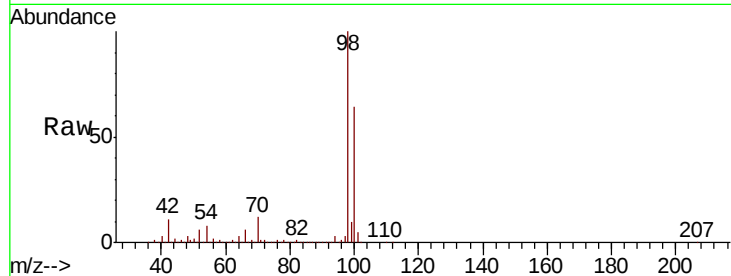




#50
Toluene-d8
Concen: 46.183 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051576.D
Acq: 27 Sep 2018 11:49

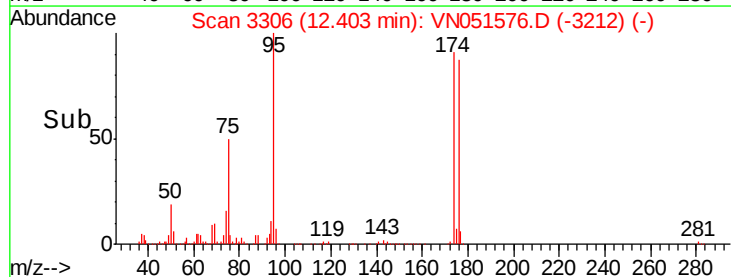
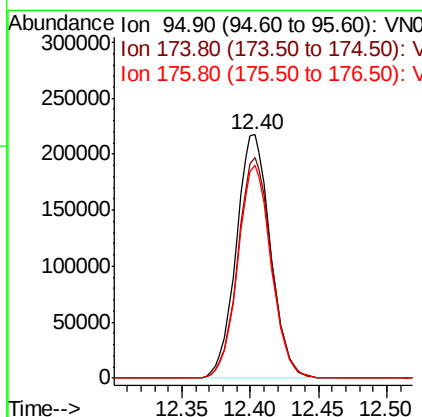
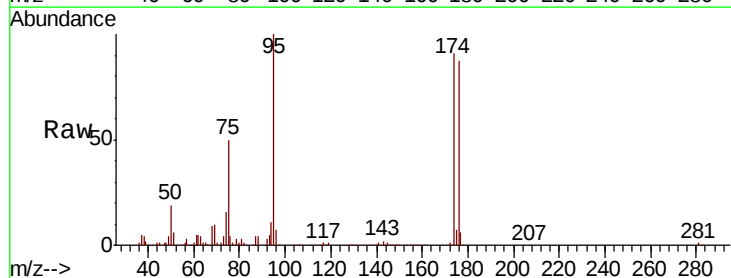
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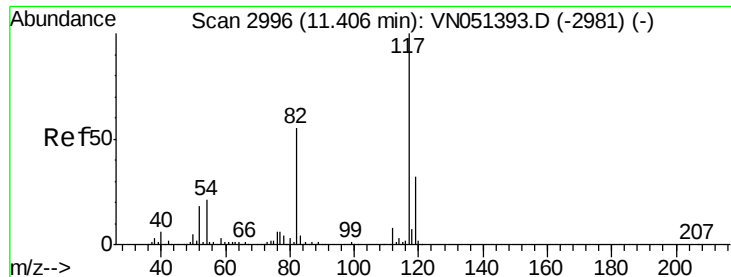
Tot Ion: 98 Resp: 1443393
Ion Ratio Lower Upper
98 100
100 62.7 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 37.311 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051576.D
Acq: 27 Sep 2018 11:49

Tgt Ion: 95 Resp: 377239
Ion Ratio Lower Upper
95 100
174 89.4 0.0 181.6
176 85.4 0.0 176.4

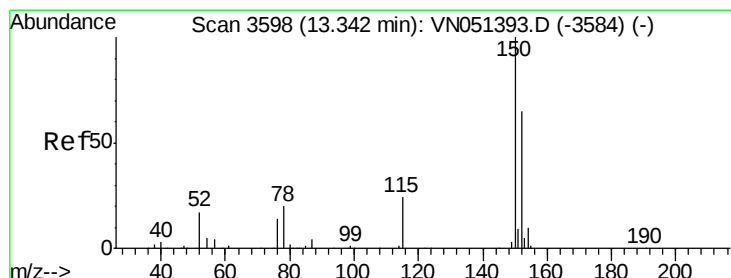
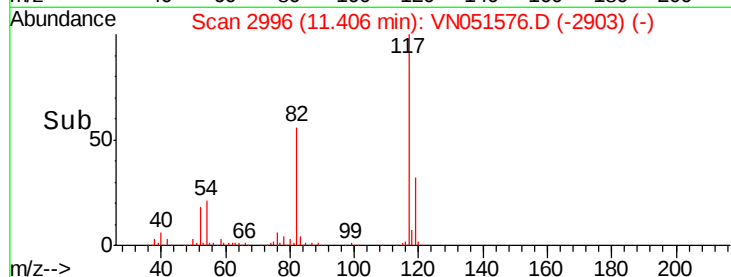
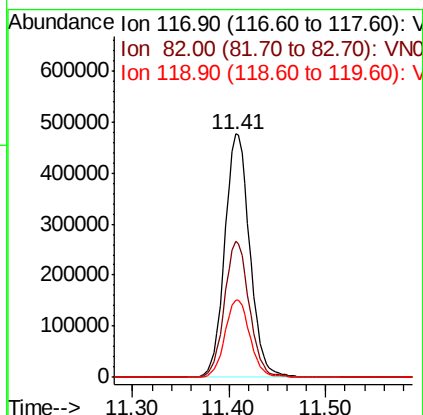
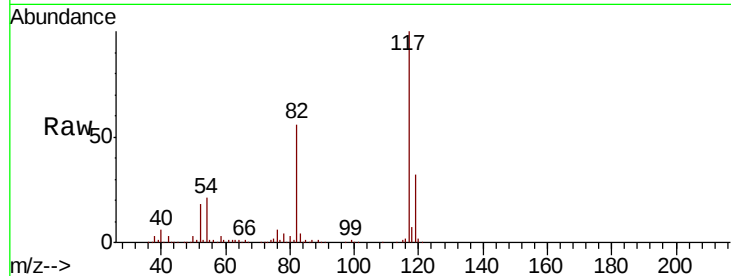




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051576.D
Acq: 27 Sep 2018 11:49

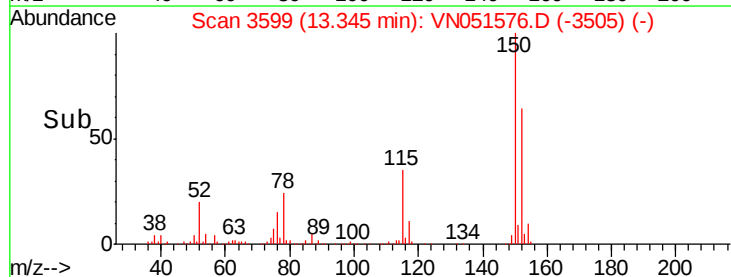
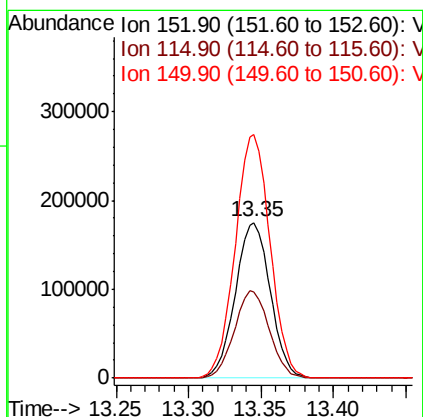
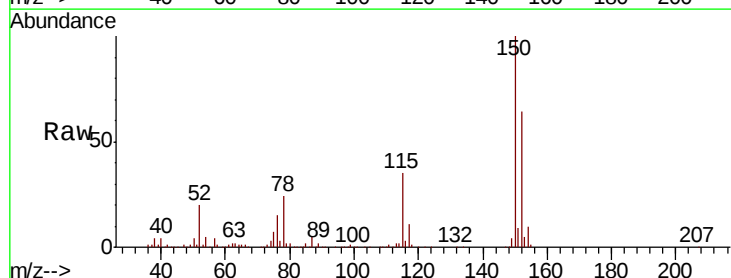
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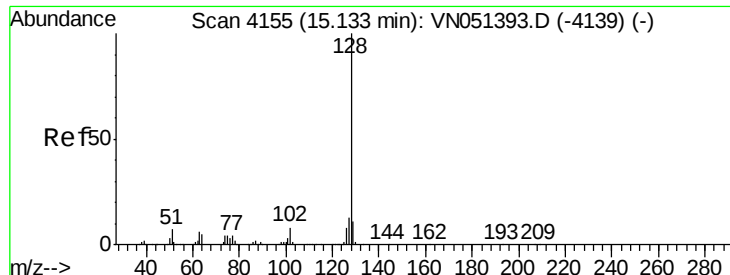
Tot Ion:117 Resp: 854222
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051576.D
Acq: 27 Sep 2018 11:49

Tgt Ion:152 Resp: 293376
Ion Ratio Lower Upper
152 100
115 55.9 28.3 84.9
150 156.3 0.0 353.6





#95

Naphthalene

Concen: 8.626 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051576.D

Acq: 27 Sep 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-C

Tot Ion:128 Resp: 7563

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 8.2 8.6 12.8#

