

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054004.D
 Acq On : 28 Feb 2019 15:13
 Operator : JC/SP
 Sample : K1349-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-022719-B

Quant Time: Mar 01 04:47:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

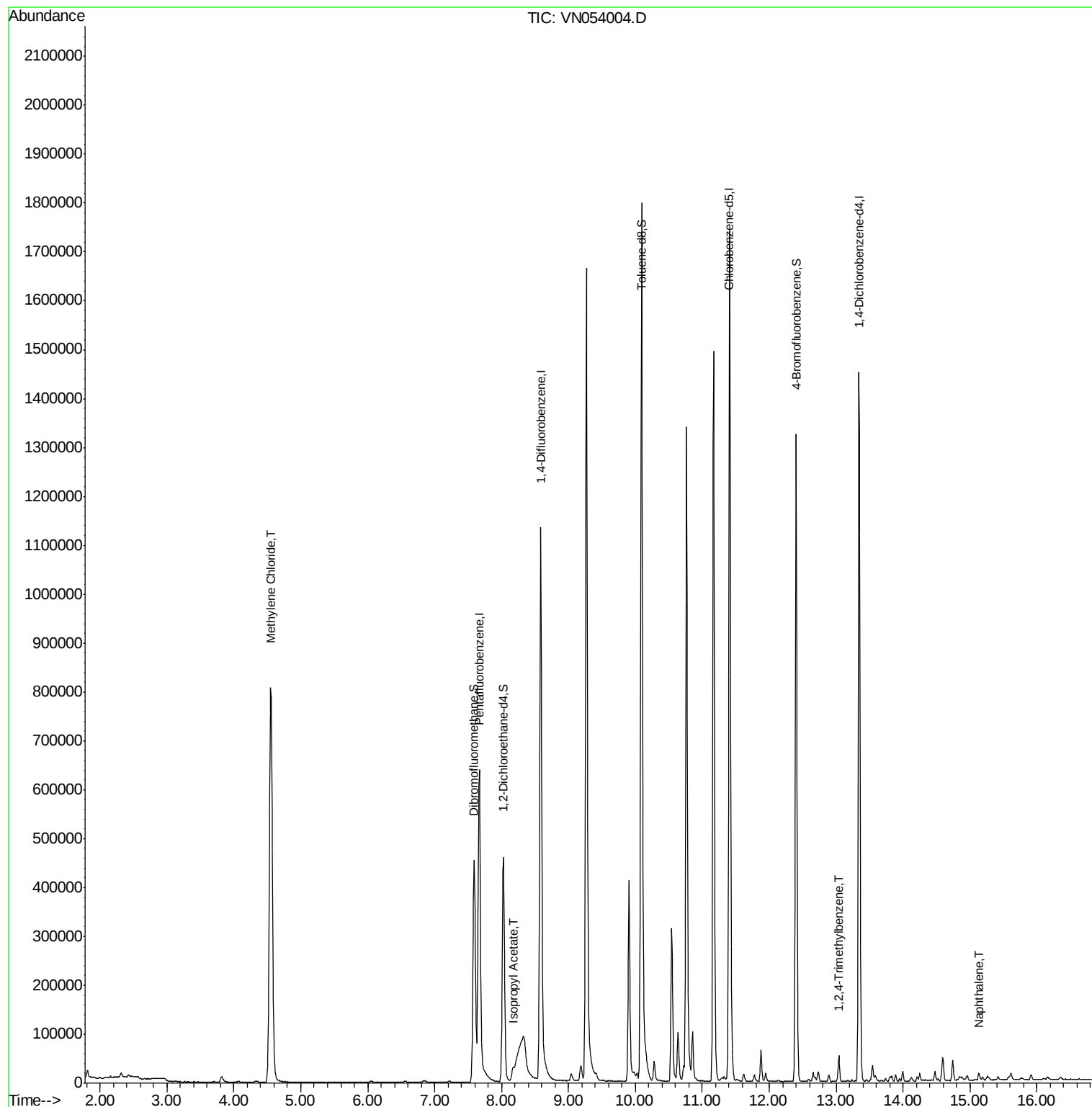
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	580588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1102466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1075577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	392521	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
35) Dibromofluoromethane	7.59	113	355178	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.09	98	1398055	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.40	95	461710	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
Target Compounds						
20) Methylene Chloride	4.55	84	616329	91.499	ug/l	89
43) Isopropyl Acetate	8.17	43	38804	3.139	ug/l #	88
84) 1,2,4-Trimethylbenzene	13.04	105	30207	1.173	ug/l	98
95) Naphthalene	15.13	128	13509	4.001	ug/l	97

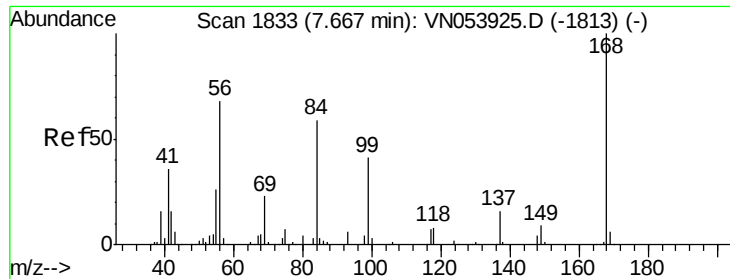
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

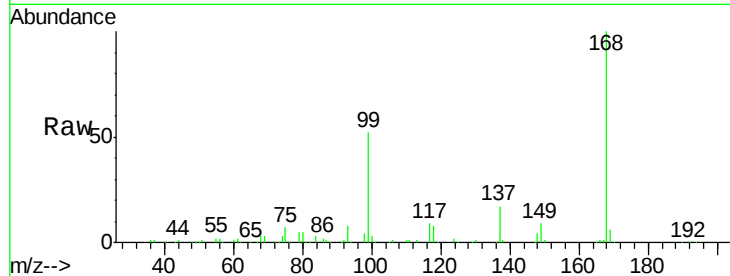
OR-03-022719-B

Tot Ion:168 Resp: 580588

Ion Ratio Lower Upper

168 100

99 51.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

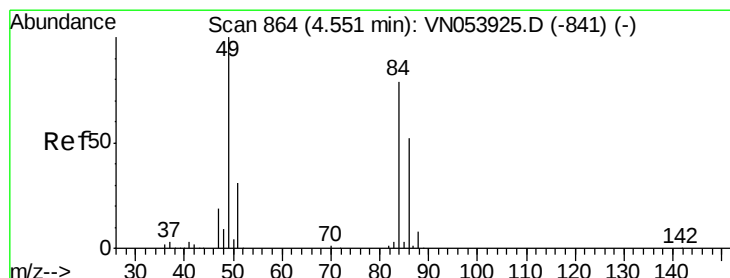
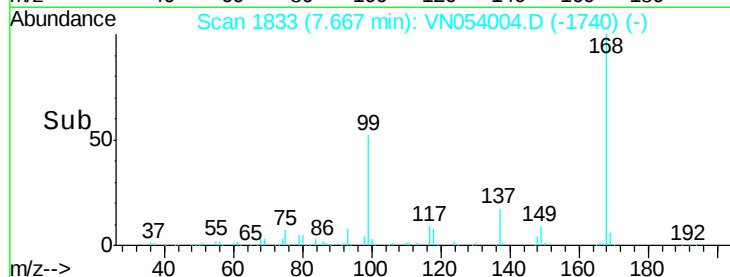
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 91.499 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Tgt Ion: 84 Resp: 616329

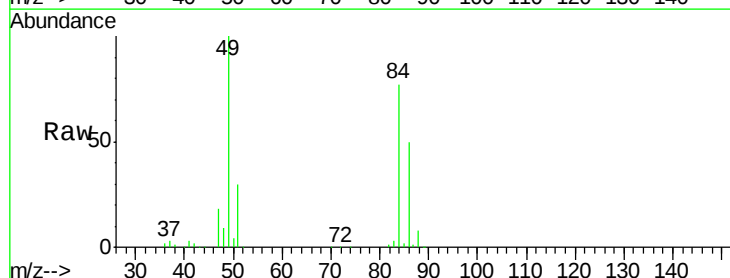
Ion Ratio Lower Upper

84 100

49 130.4 89.7 134.5

51 39.1 27.8 41.8

86 64.6 51.3 76.9



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

400000

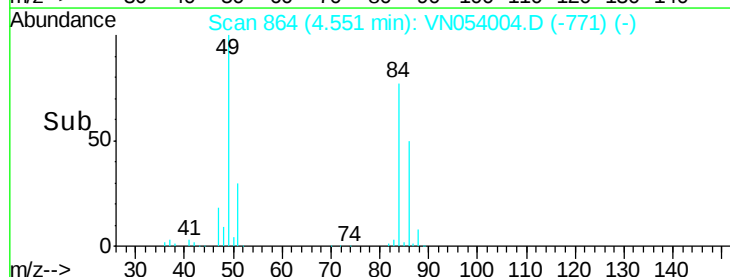
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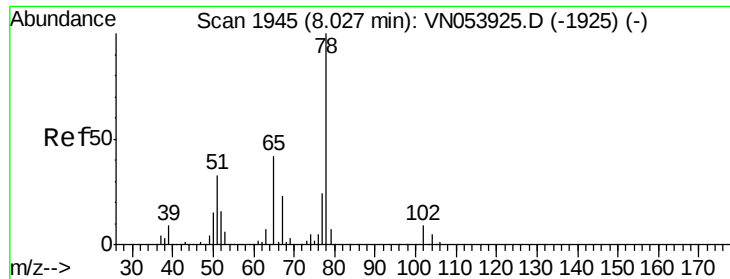
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100000

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Time-->

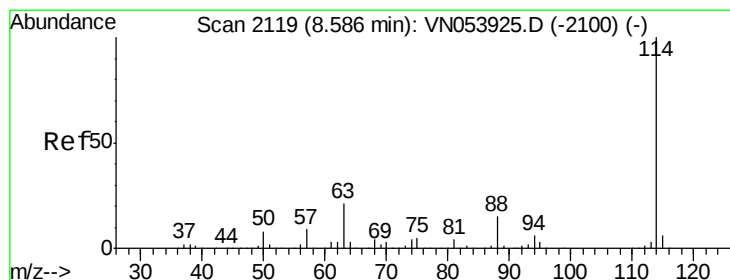
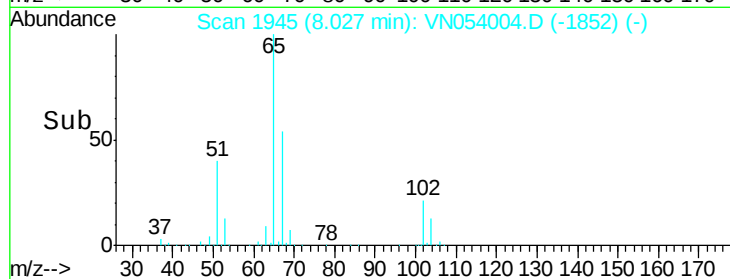
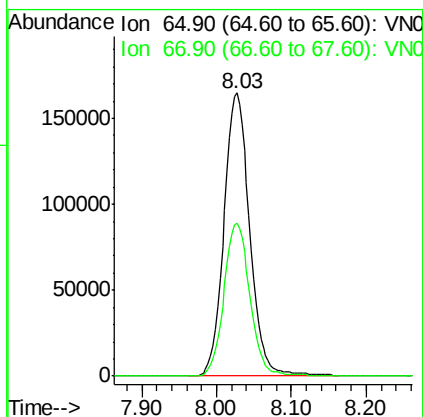
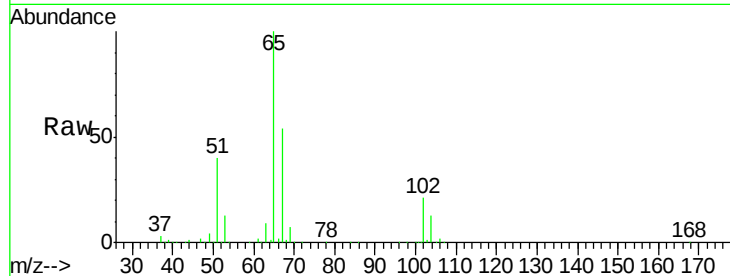




#33
 1,2-Dichloroethane-d4
 Concen: 57.675 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

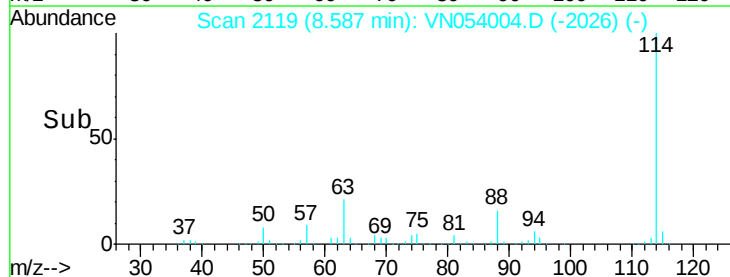
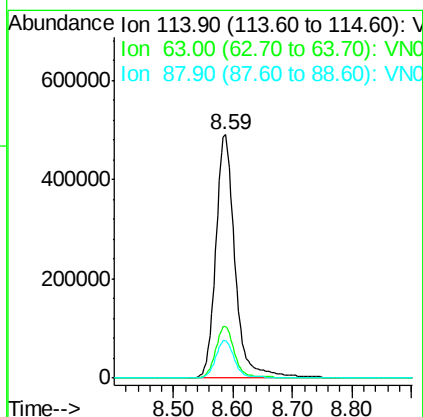
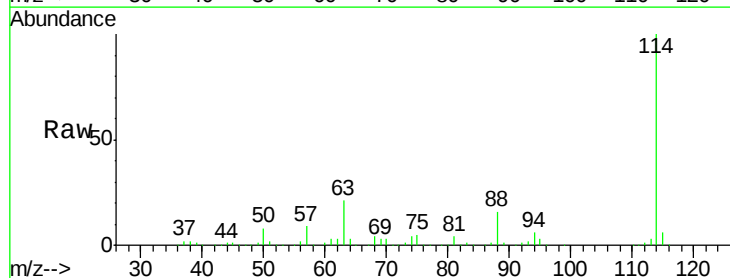
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-022719-B

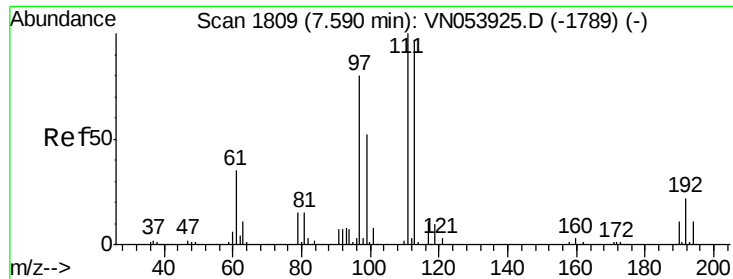
Tot Ion: 65 Resp: 392521
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

Tgt Ion: 114 Resp: 1102466
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 15.7 0.0 30.4

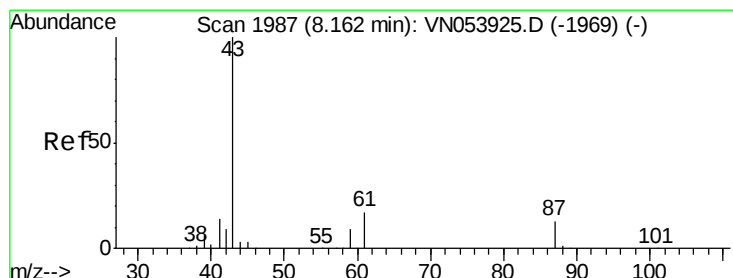
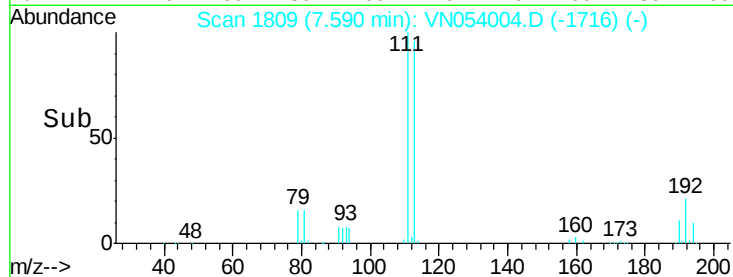
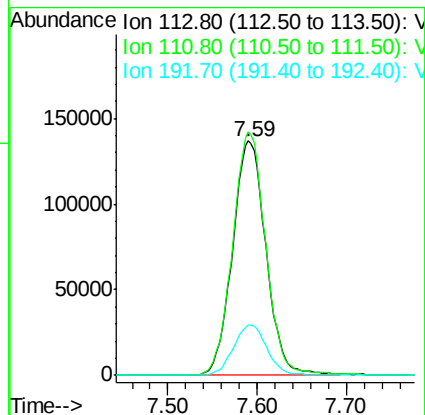
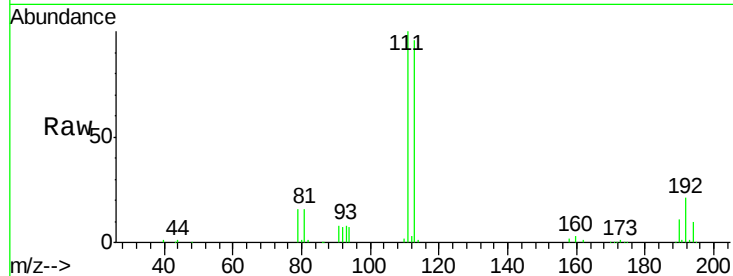




#35
 Dibromofluoromethane
 Concen: 49.820 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

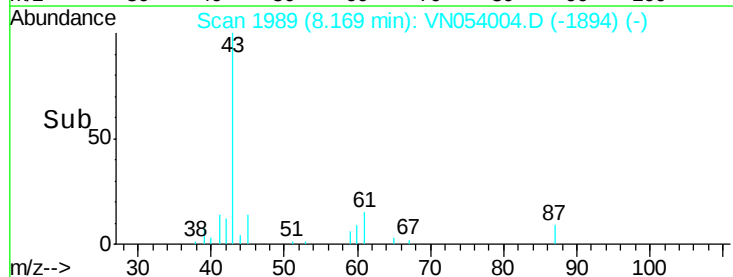
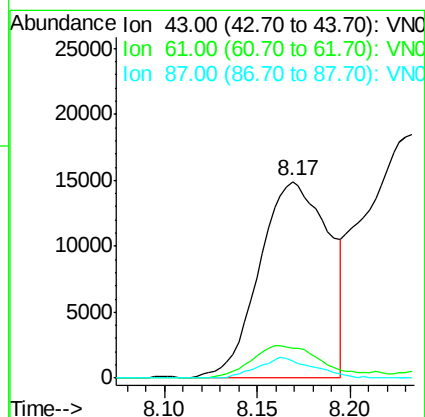
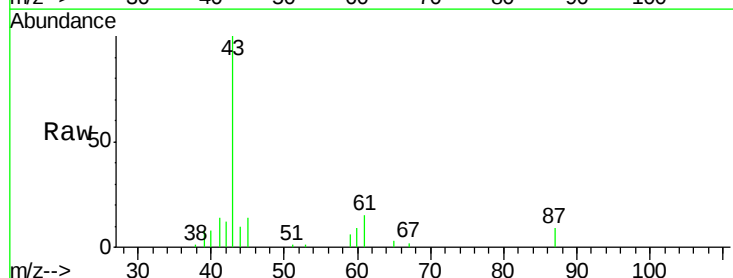
Instrument :
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 ClientSampleId :
 OR-03-022719-B

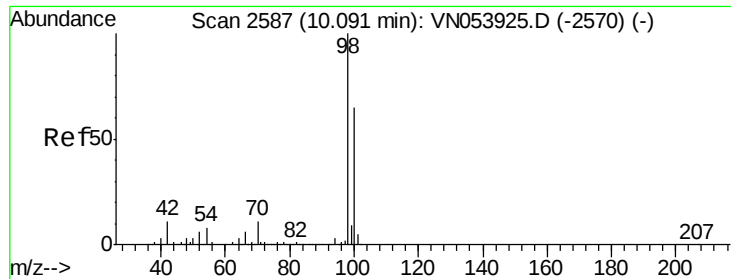
Tot Ion:113 Resp: 355178
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 21.6 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.139 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

Tgt Ion: 43 Resp: 38804
 Ion Ratio Lower Upper
 43 100
 61 16.5 17.4 26.0#
 87 8.4 11.5 17.3#





#50

Toluene-d8

Concen: 52.680 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

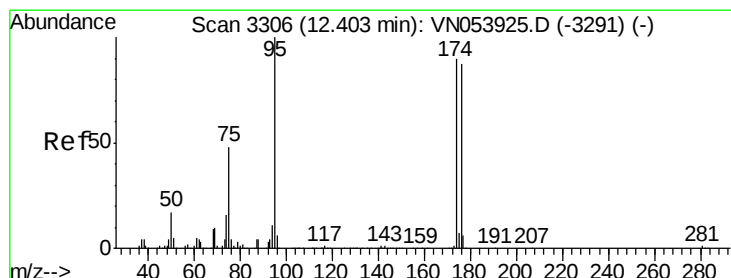
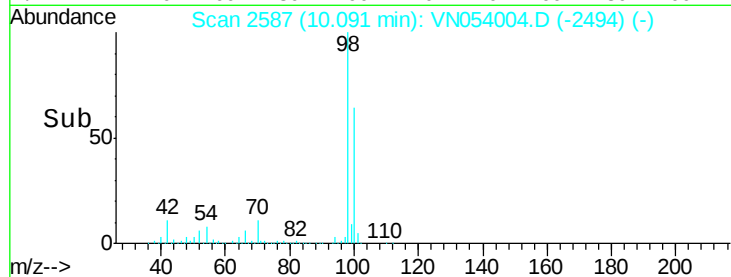
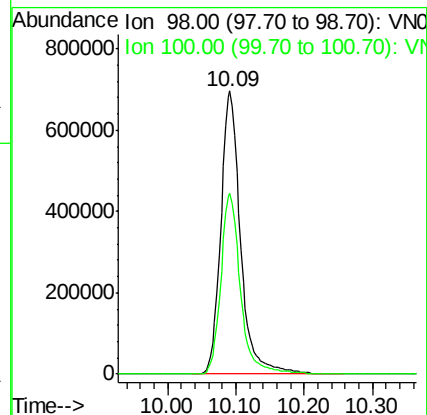
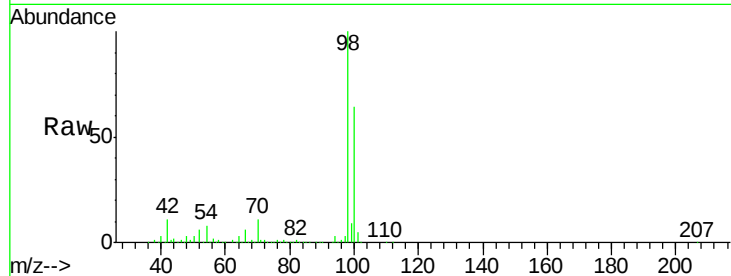
OR-03-022719-B

Tot Ion: 98 Resp: 1398055

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.218 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

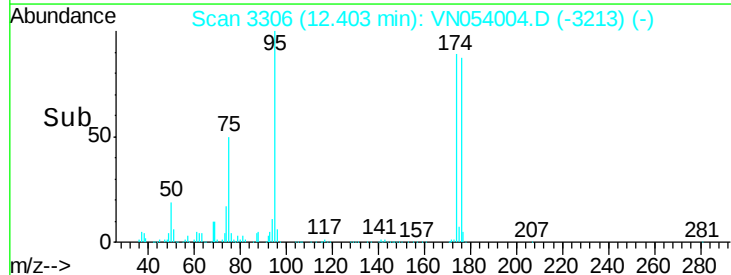
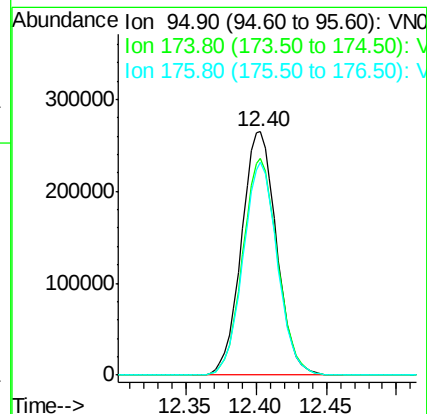
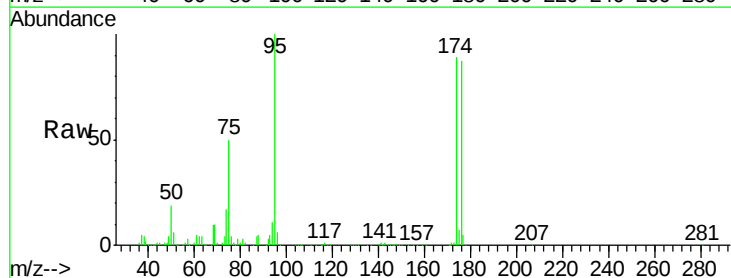
Tgt Ion: 95 Resp: 461710

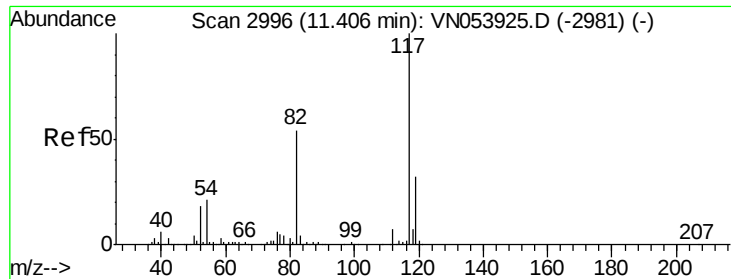
Ion Ratio Lower Upper

95 100

174 88.3 0.0 188.8

176 85.4 0.0 182.6

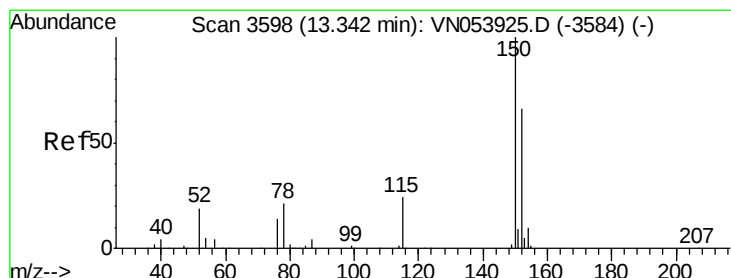
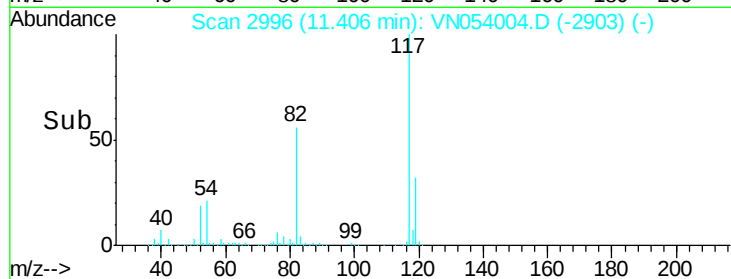
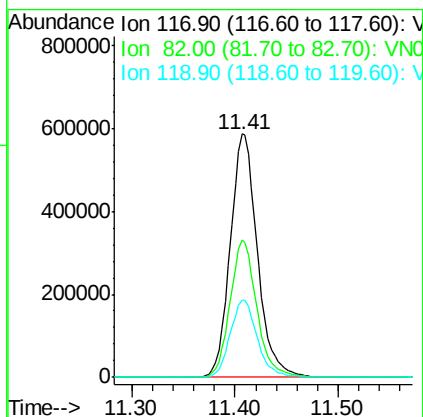
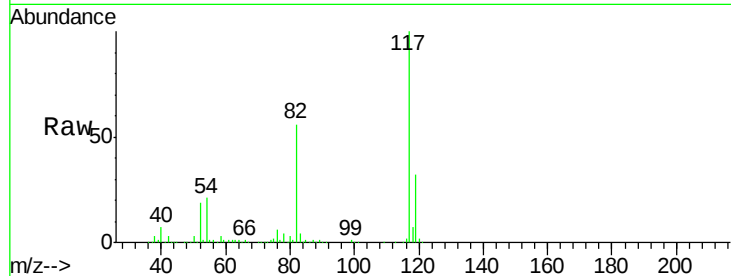




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

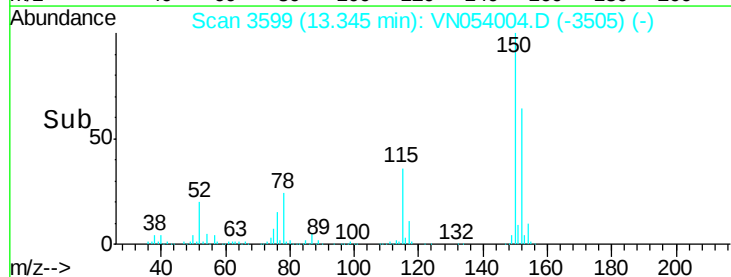
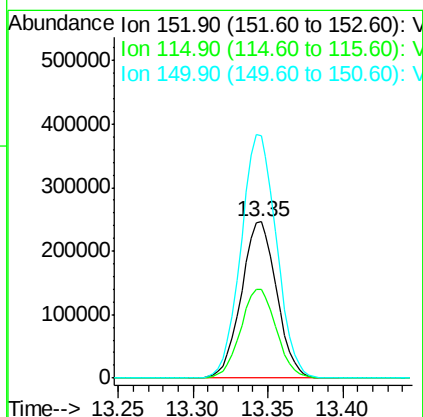
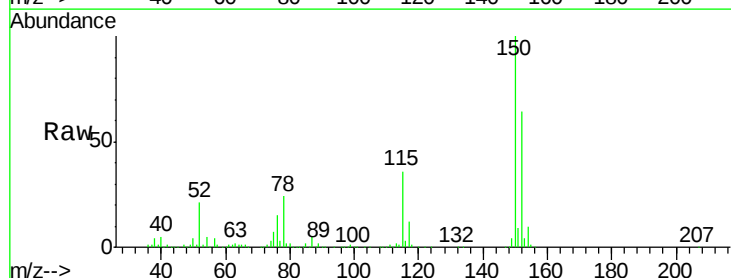
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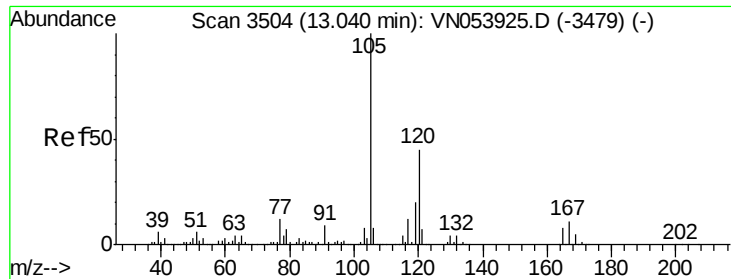
Tot Ion:117 Resp: 1075577
Ion Ratio Lower Upper
117 100
82 56.2 41.4 62.2
119 31.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

Tgt Ion:152 Resp: 404748
Ion Ratio Lower Upper
152 100
115 57.7 27.2 81.6
150 156.7 0.0 348.2





#84

1,2,4-Trimethylbenzene

Concen: 1.173 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

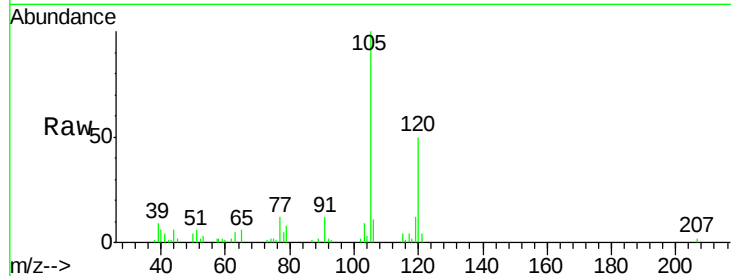
OR-03-022719-B

Tot Ion:105 Resp: 30207

Ion Ratio Lower Upper

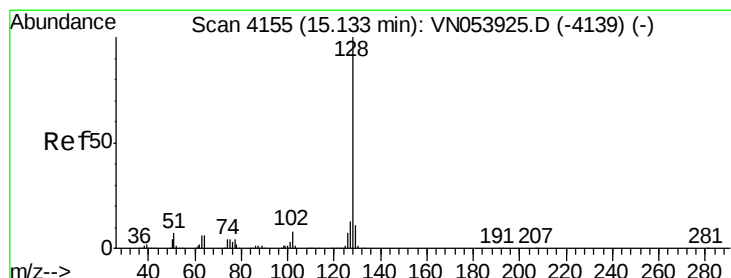
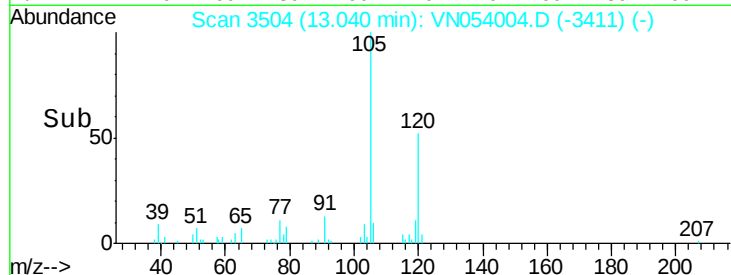
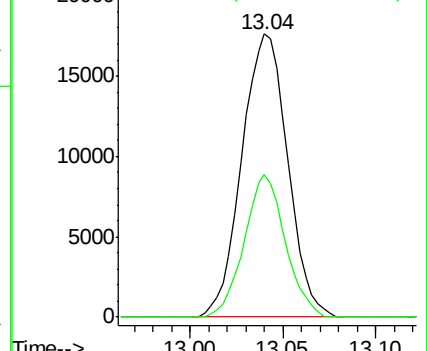
105 100

120 45.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 4.001 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

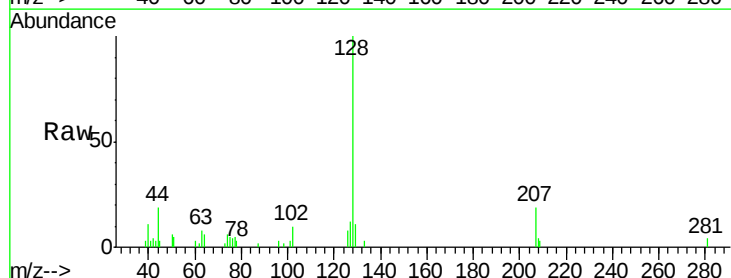
Tgt Ion:128 Resp: 13509

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

129 12.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

