

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054000.D
 Acq On : 28 Feb 2019 13:26
 Operator : JC/SP
 Sample : K1645-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SR-10

Quant Time: Mar 01 04:30:58 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

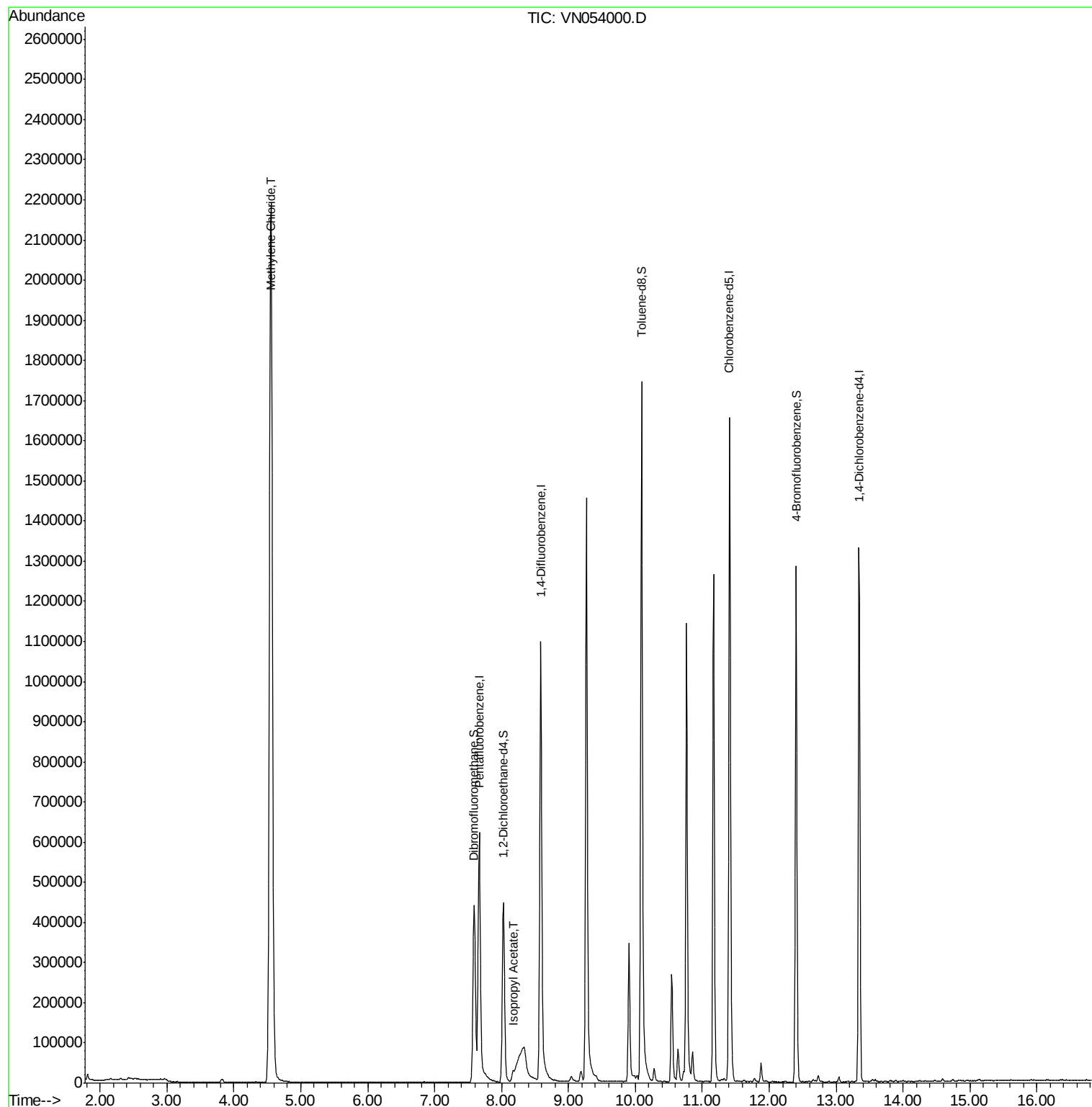
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	577884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1041681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	379134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	383409	56.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.20%	
35) Dibromofluoromethane	7.59	113	352020	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.09	98	1369663	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	449526	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
Target Compounds						
20) Methylene Chloride	4.55	84	1678379	250.336	ug/l	91
43) Isopropyl Acetate	8.17	43	34287	2.814	ug/l #	90

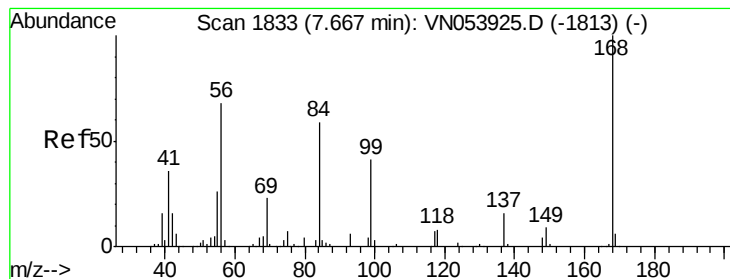
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054000.D

Acq: 28 Feb 2019 13:26

Instrument :

MSVOA_N

ClientSampled :

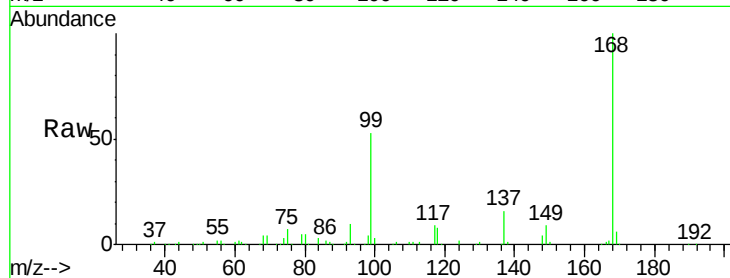
SR-10

Tot Ion:168 Resp: 577884

Ion Ratio Lower Upper

168 100

99 52.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1813) (-)

7.67

250000

200000

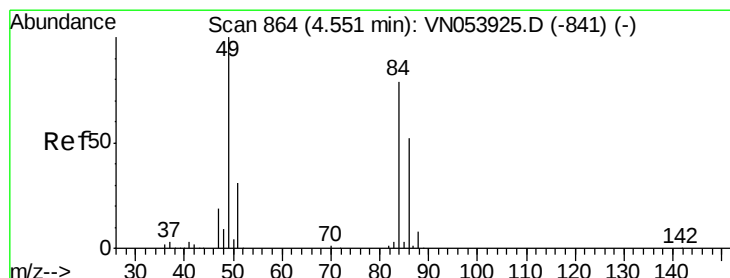
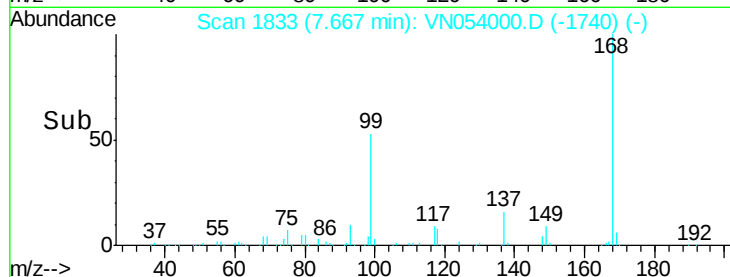
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 250.336 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054000.D

Acq: 28 Feb 2019 13:26

Tgt Ion: 84 Resp: 1678379

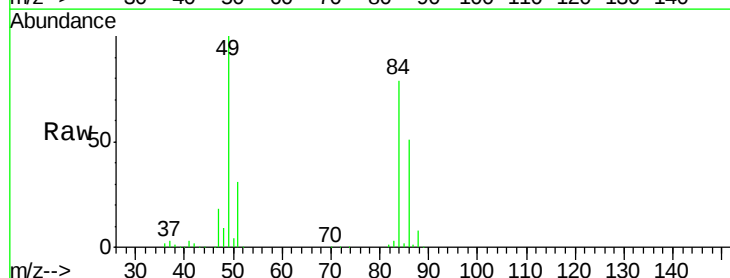
Ion Ratio Lower Upper

84 100

49 127.3 89.7 134.5

51 39.0 27.8 41.8

86 64.3 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN053925.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN053925.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN053925.D (-841) (-)

Ion 85.90 (85.60 to 86.60): VN053925.D (-841) (-)

4.55

1000000

800000

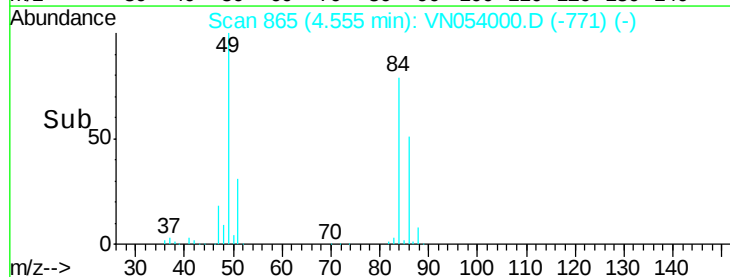
600000

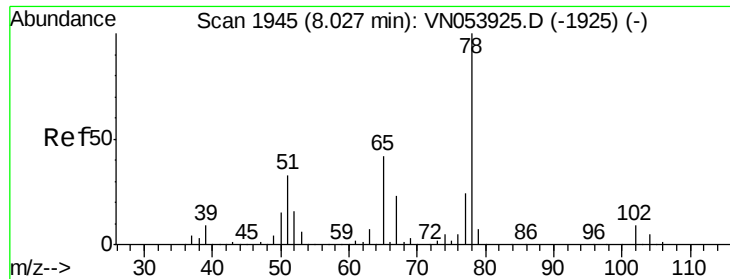
400000

200000

0

Time--> 4.40 4.50 4.60 4.70

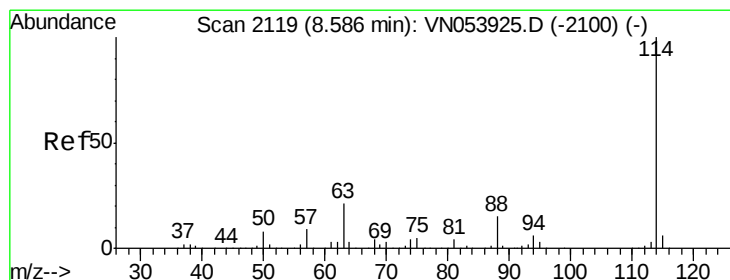
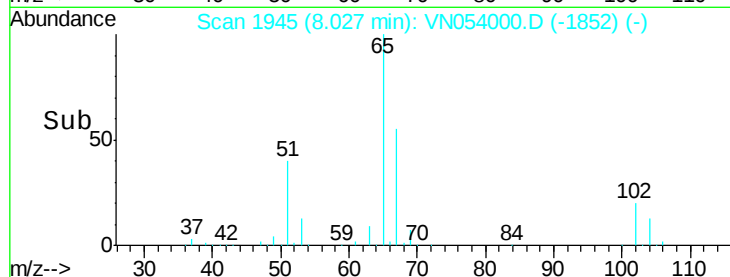
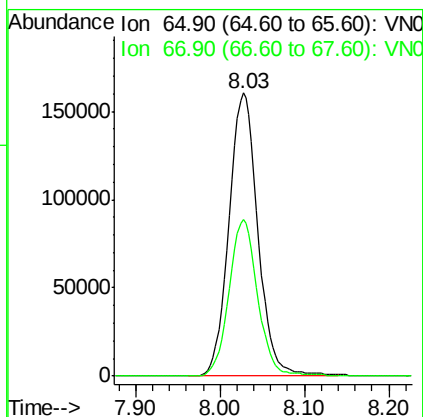
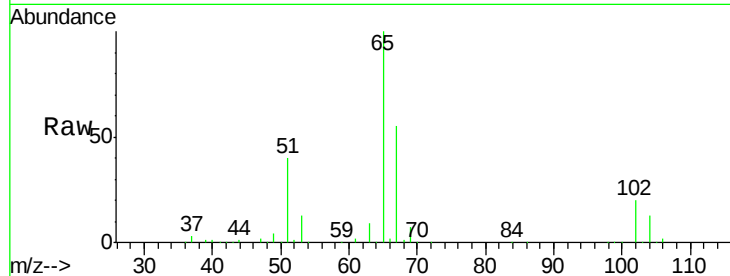




#33
 1,2-Dichloroethane-d4
 Concen: 56.599 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054000.D
 Acq: 28 Feb 2019 13:26

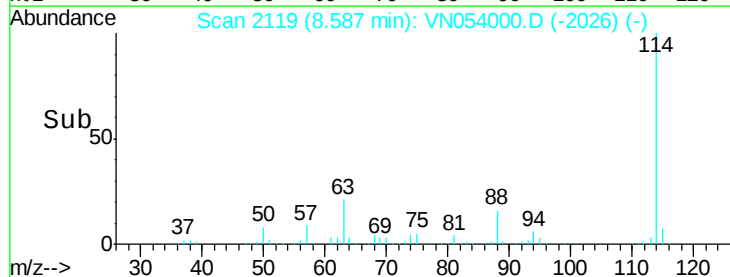
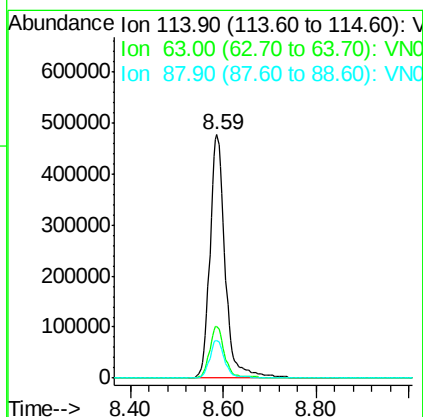
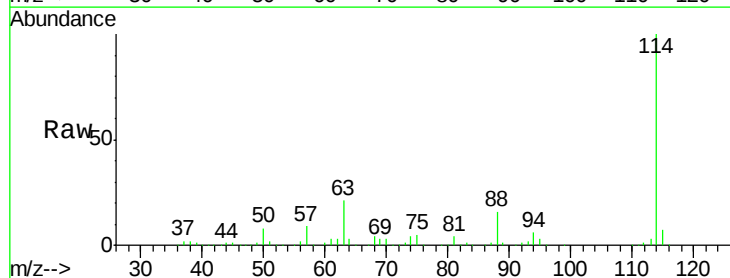
Instrument :
 MSVOA_N
 ClientSampleId :
 SR-10

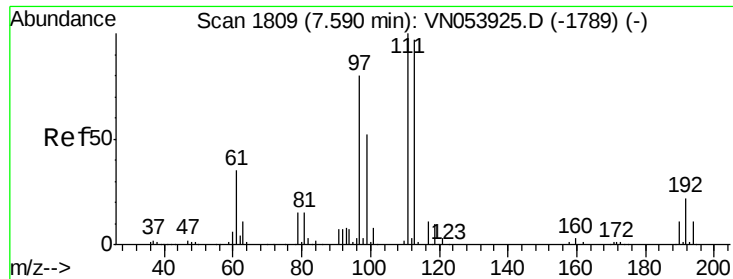
Tot Ion: 65 Resp: 383409
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054000.D
 Acq: 28 Feb 2019 13:26

Tgt Ion: 114 Resp: 1086588
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 15.6 0.0 30.4

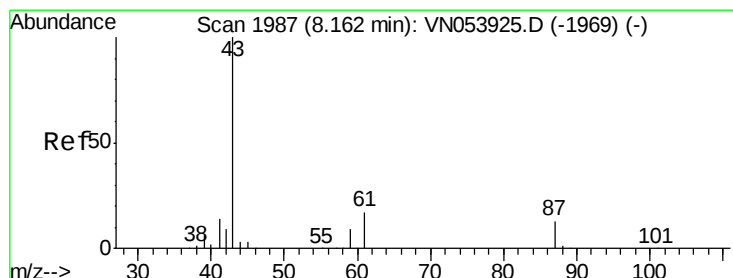
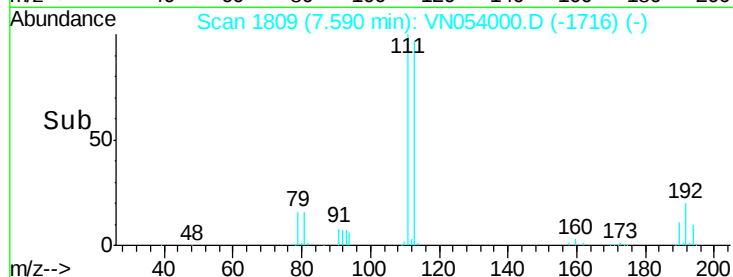
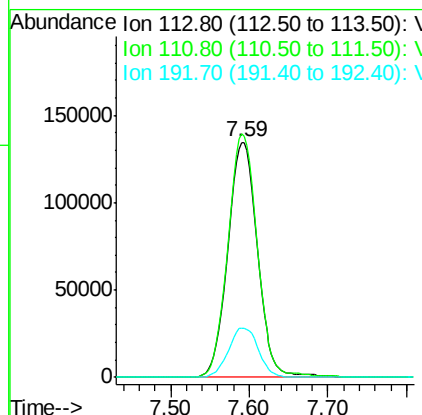
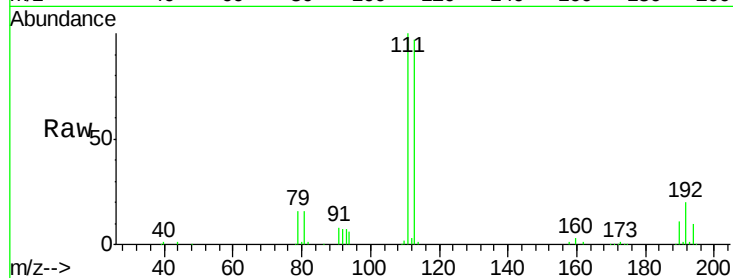




#35
 Dibromofluoromethane
 Concen: 50.099 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054000.D
 Acq: 28 Feb 2019 13:26

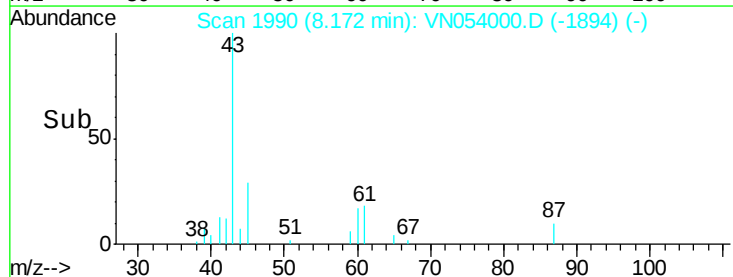
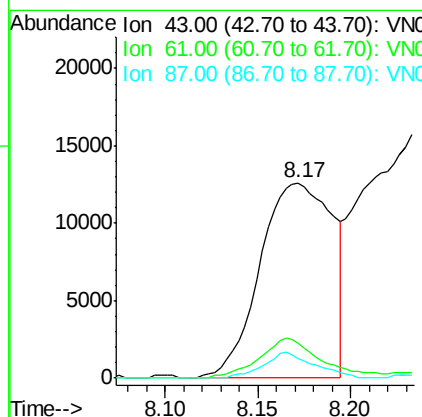
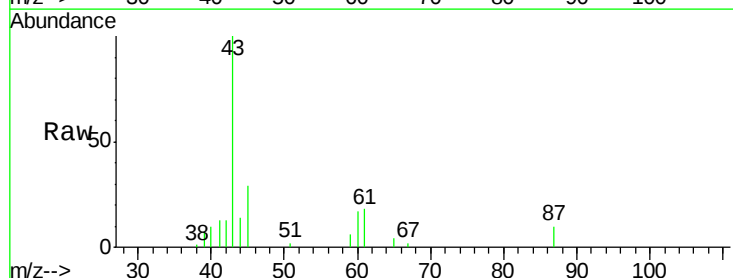
Instrument :
 MSVOA_N
 ClientSampled :
 SR-10

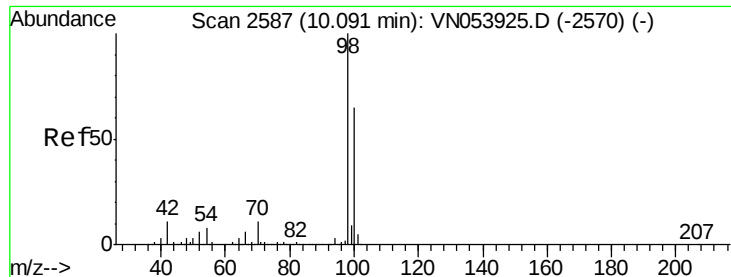
Tot Ion:113 Resp: 352020
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 21.3 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.814 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054000.D
 Acq: 28 Feb 2019 13:26

Tgt Ion: 43 Resp: 34287
 Ion Ratio Lower Upper
 43 100
 61 17.6 17.4 26.0
 87 9.2 11.5 17.3#





#50

Toluene-d8

Concen: 52.364 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054000.D

Acq: 28 Feb 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

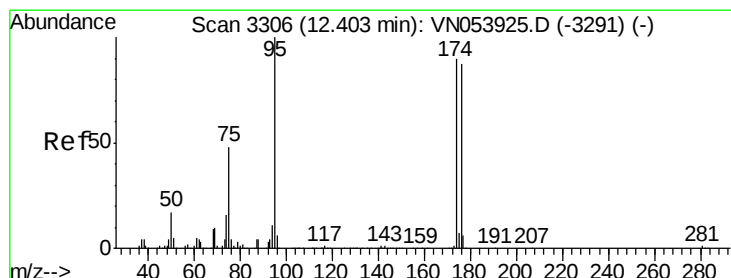
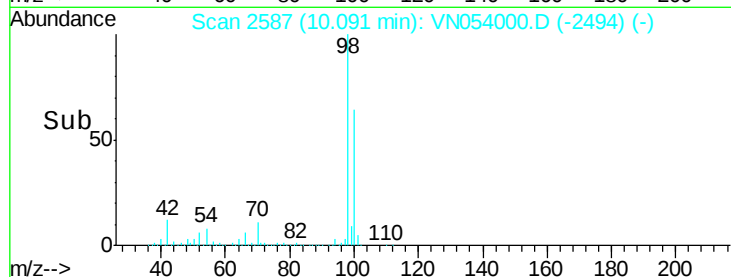
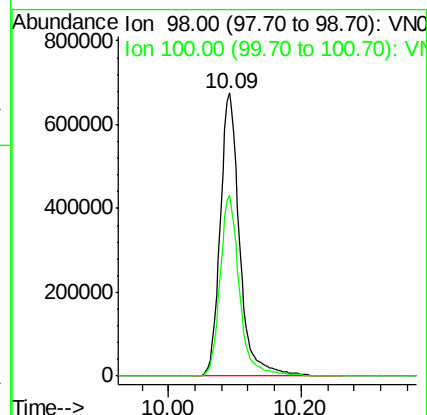
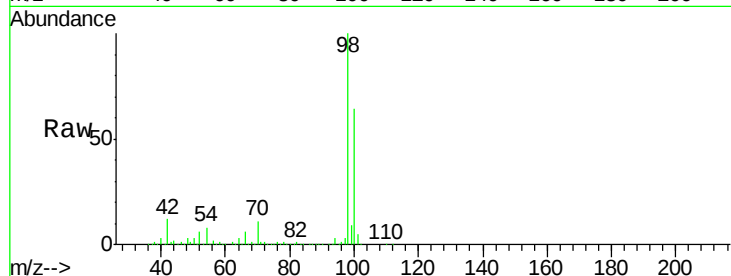
SR-10

Tot Ion: 98 Resp: 1369663

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.583 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054000.D

Acq: 28 Feb 2019 13:26

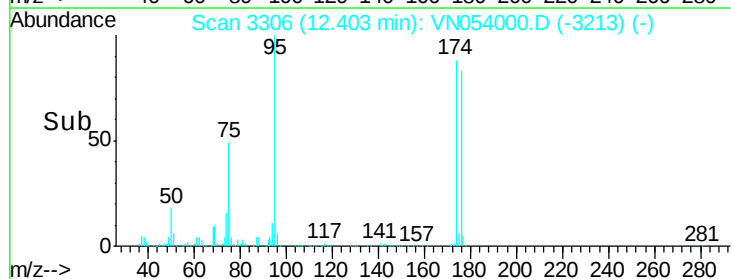
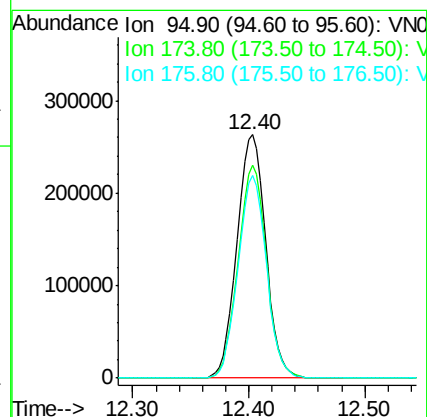
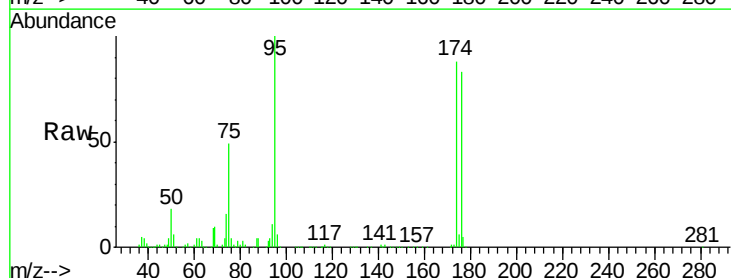
Tgt Ion: 95 Resp: 449526

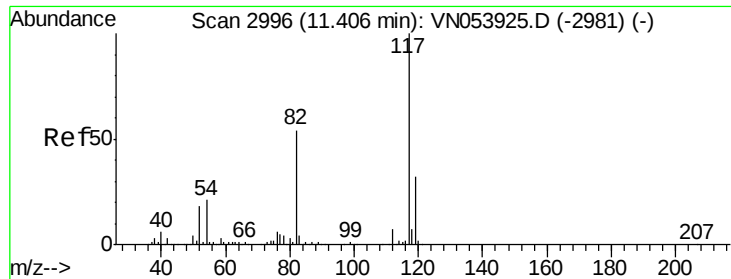
Ion Ratio Lower Upper

95 100

174 86.2 0.0 188.8

176 82.3 0.0 182.6

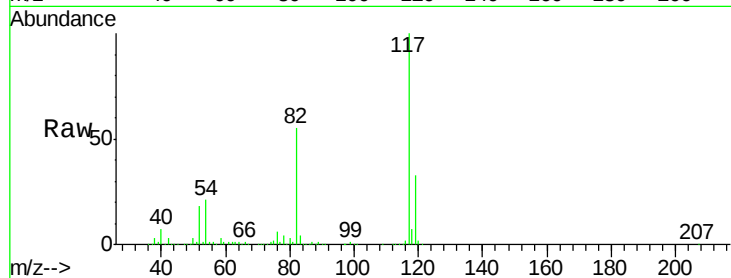




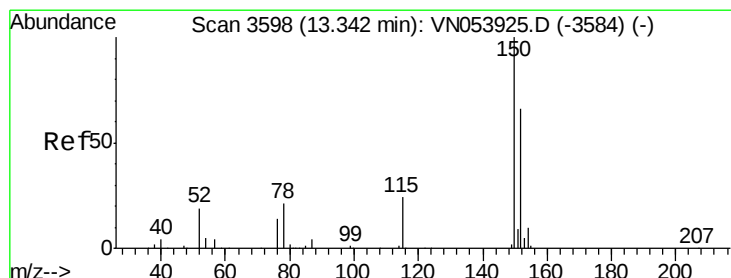
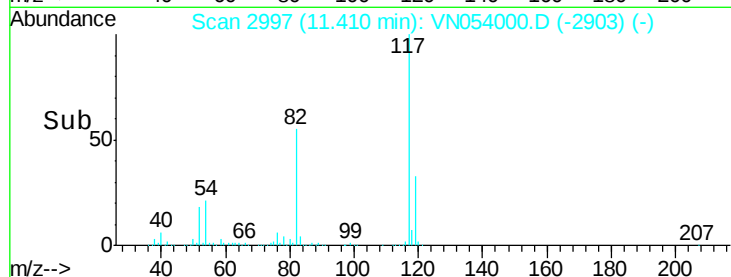
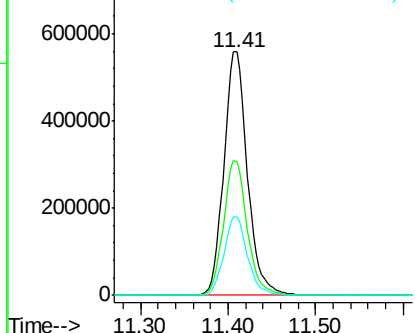
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054000.D
Acq: 28 Feb 2019 13:26

Instrument :
MSVOA_N
ClientSampleId :
SR-10

Tot Ion:117 Resp: 1041681
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.2
119 32.5 25.3 37.9

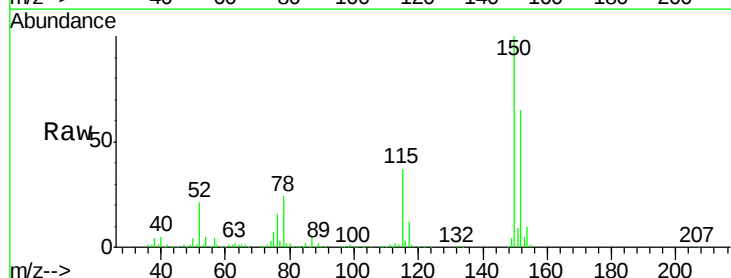


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054000.D
Acq: 28 Feb 2019 13:26

Tgt Ion:152 Resp: 379134
Ion Ratio Lower Upper
152 100
115 56.9 27.2 81.6
150 155.4 0.0 348.2



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

