

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054677.D
 Acq On : 25 Mar 2019 17:11
 Operator : JC/SP
 Sample : K2071-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Quant Time: Mar 26 03:38:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

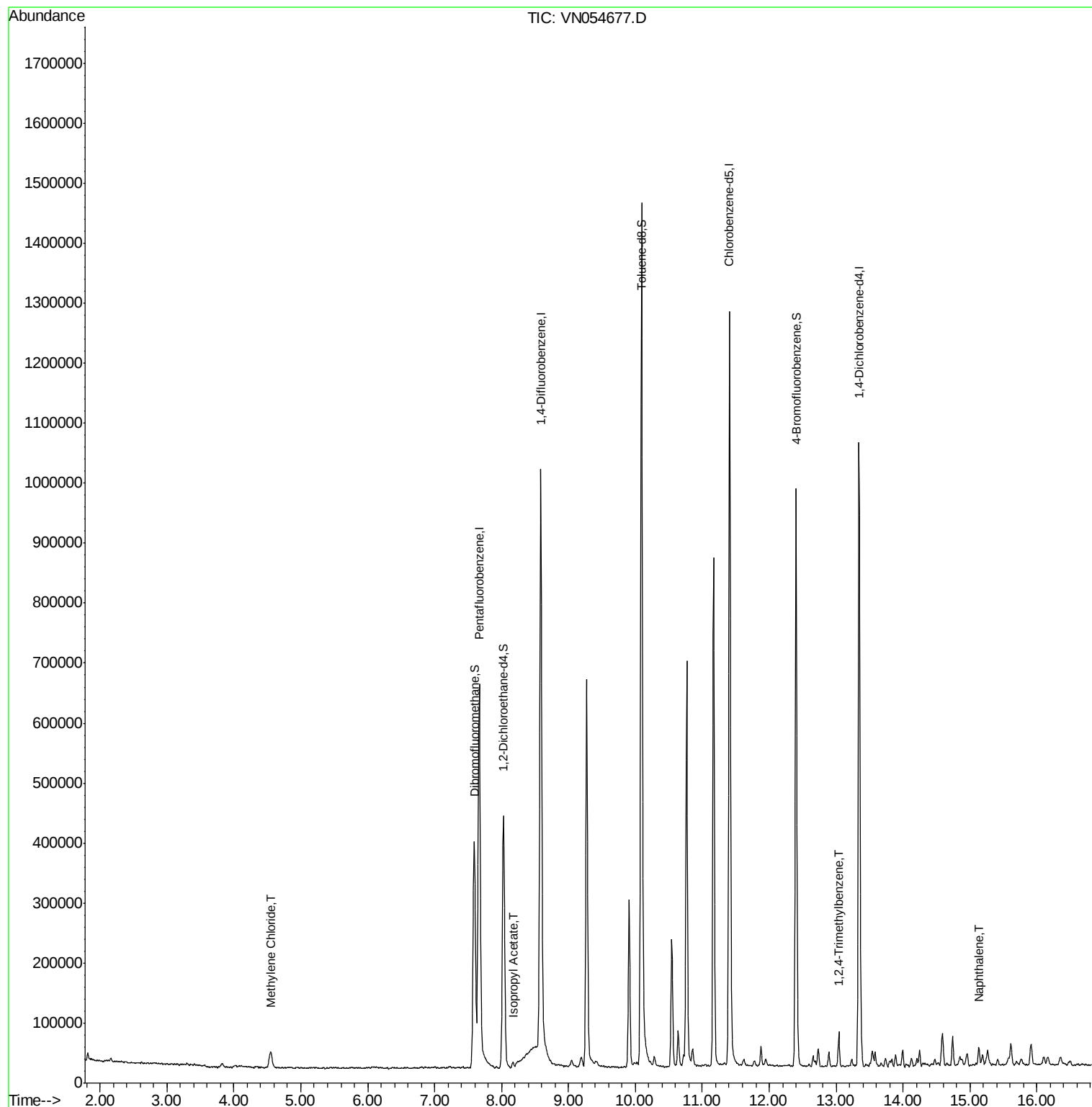
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	564824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	748400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	280814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	371140	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
35) Dibromofluoromethane	7.59	113	292630	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.09	98	1078708	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	331808	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
20) Methylene Chloride	4.55	84	17459	2.804	ug/l #	83
43) Isopropyl Acetate	8.18	43	10929	1.079	ug/l #	93
84) 1,2,4-Trimethylbenzene	13.04	105	30207	1.660	ug/l	99
95) Naphthalene	15.13	128	25775	2.573	ug/l	99

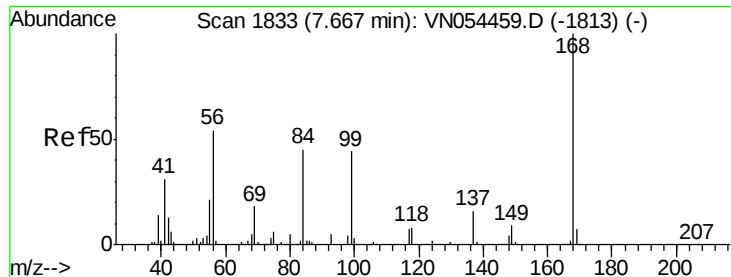
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

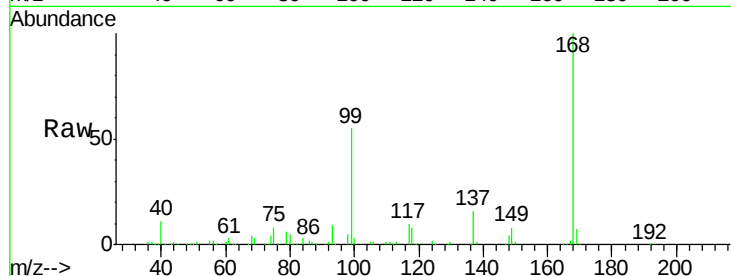
DRUM-1

Tot Ion:168 Resp: 564824

Ion Ratio Lower Upper

168 100

99 54.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

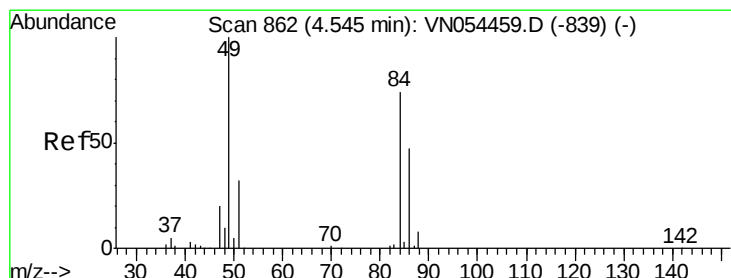
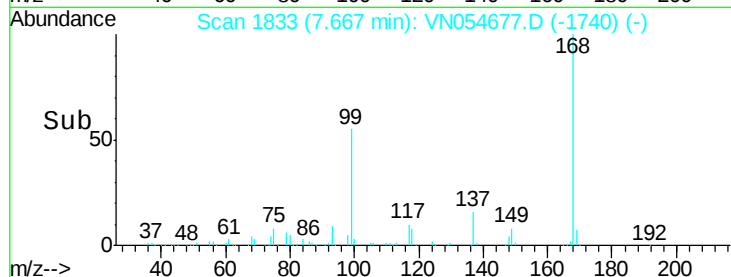
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 2.804 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Tgt Ion: 84 Resp: 17459

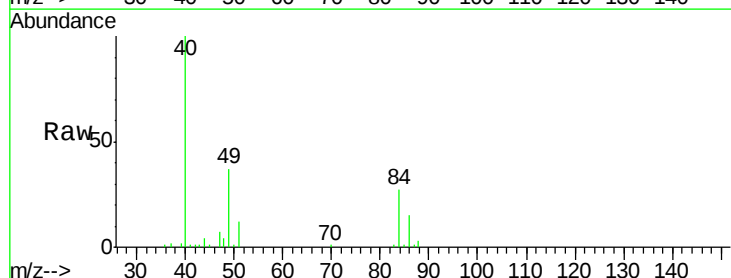
Ion Ratio Lower Upper

84 100

49 136.7 89.7 134.5#

51 46.2 28.2 42.4#

86 58.0 50.8 76.2



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

12000

10000

8000

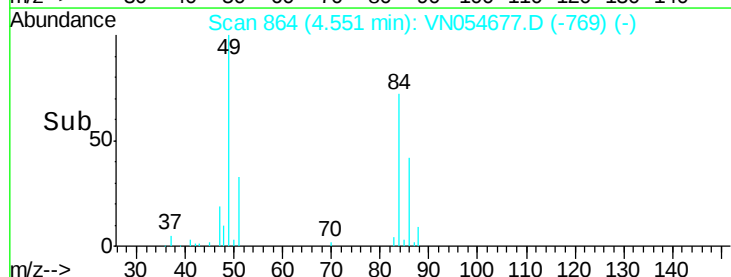
6000

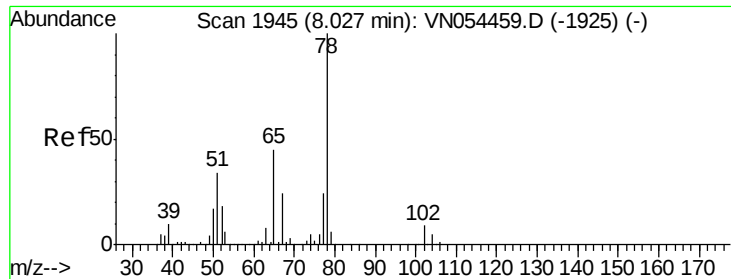
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 52.828 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

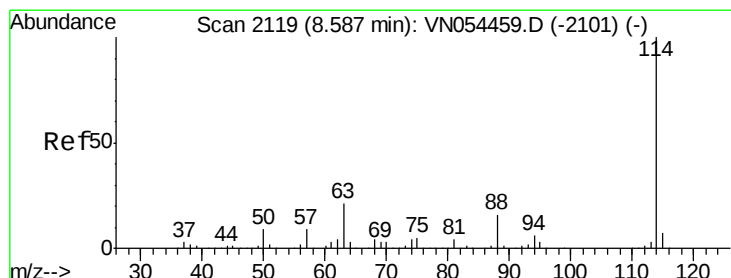
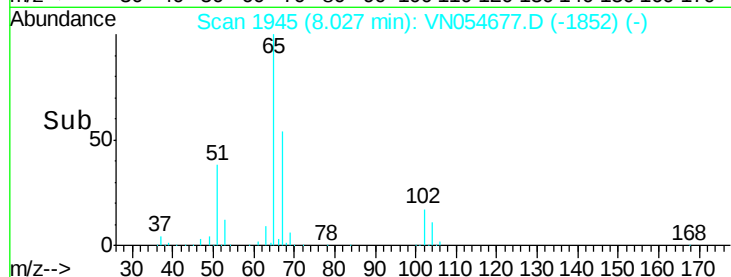
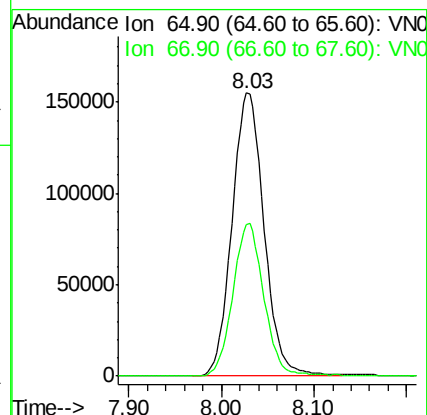
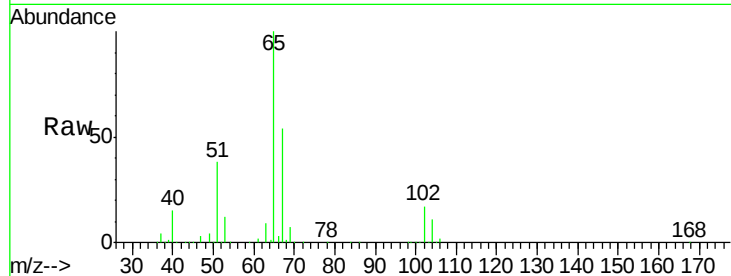
DRUM-1

Tot Ion: 65 Resp: 371140

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054677.D

Acq: 25 Mar 2019 17:11

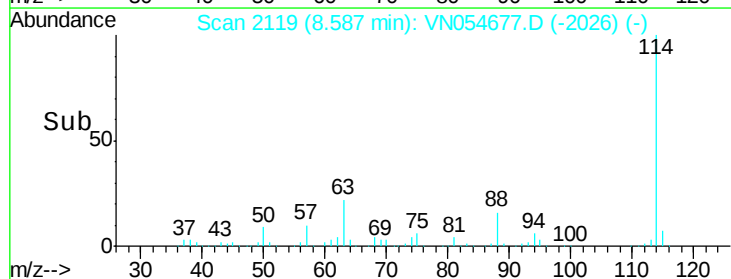
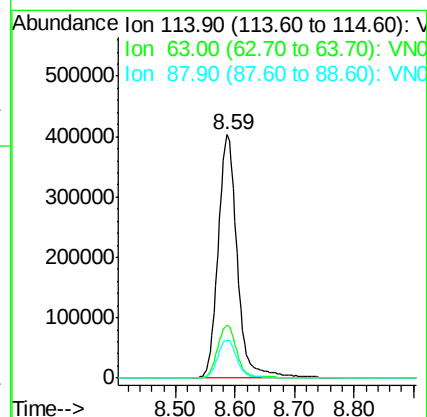
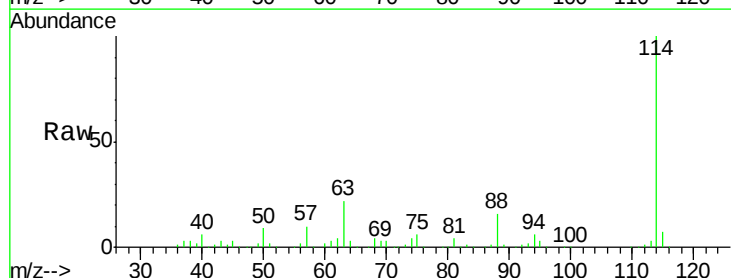
Tgt Ion: 114 Resp: 901538

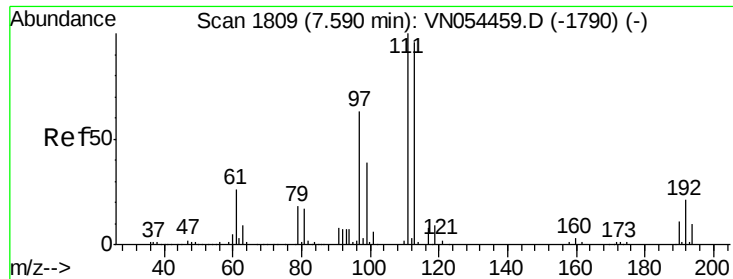
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.2

88 15.7 0.0 30.2

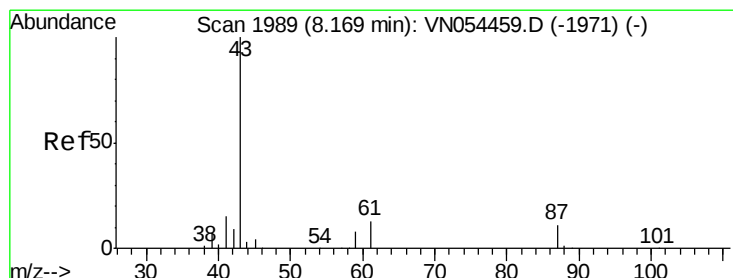
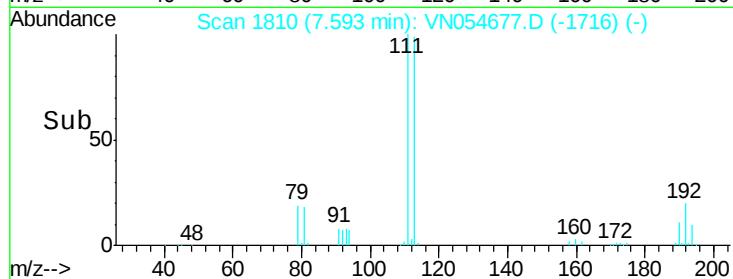
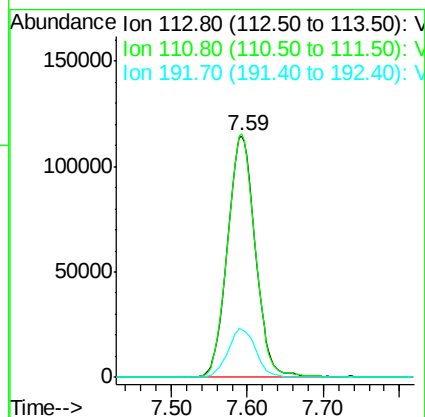
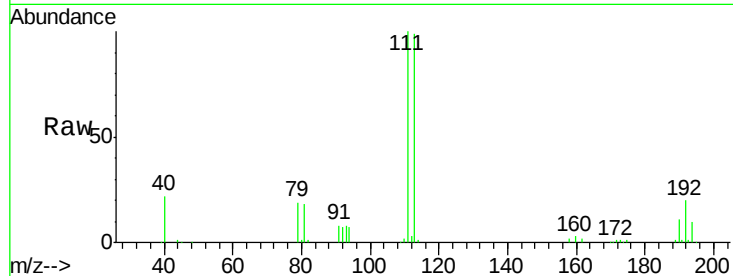




#35
 Dibromofluoromethane
 Concen: 50.383 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

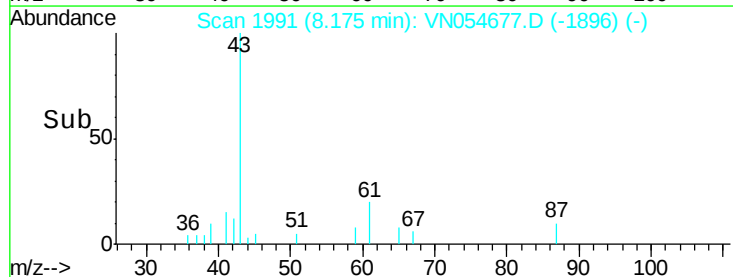
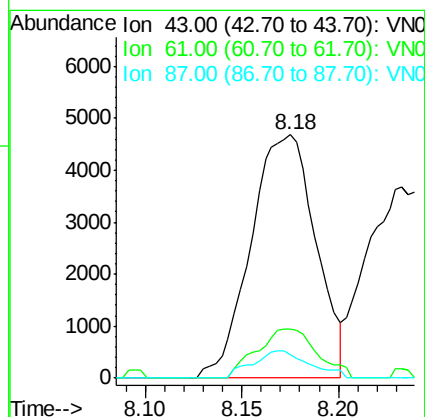
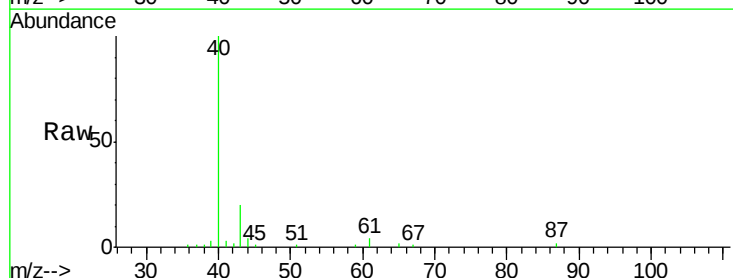
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

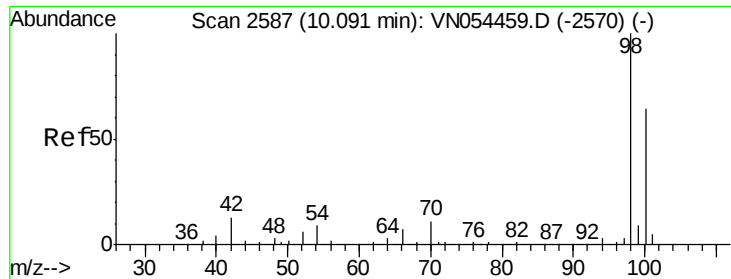
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.2	123.4
192	20.2	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.079 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.8	23.8
87	9.8	12.0	18.0#

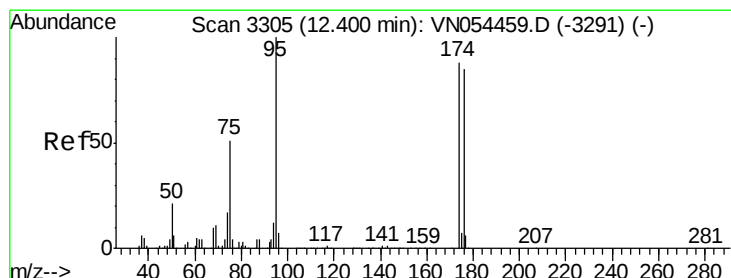
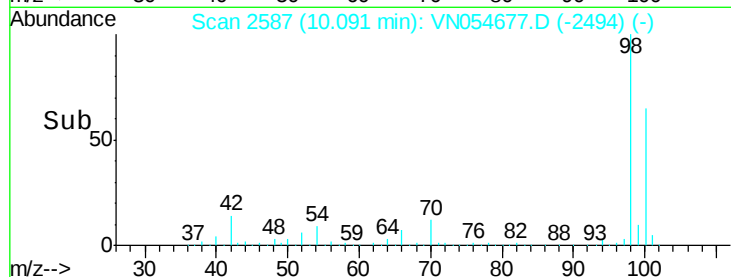
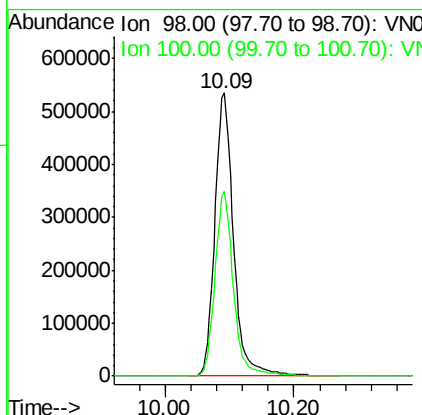
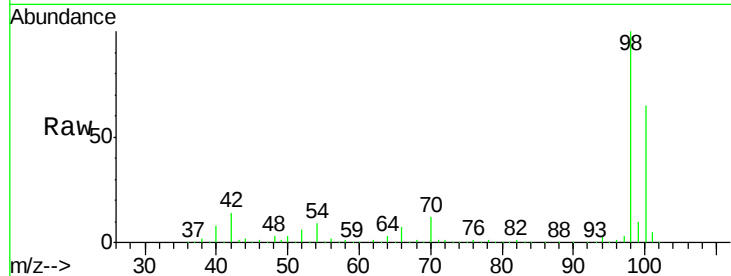




#50
Toluene-d8
Concen: 49.403 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

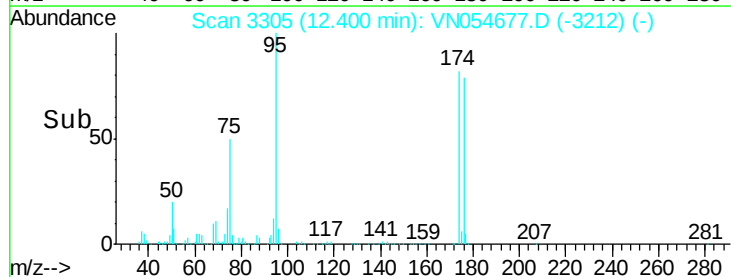
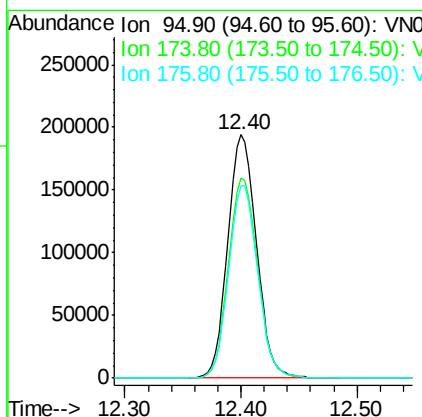
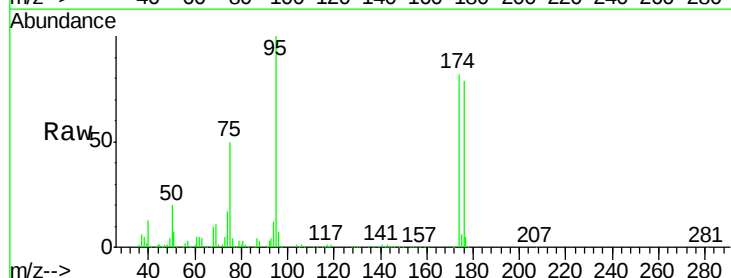
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

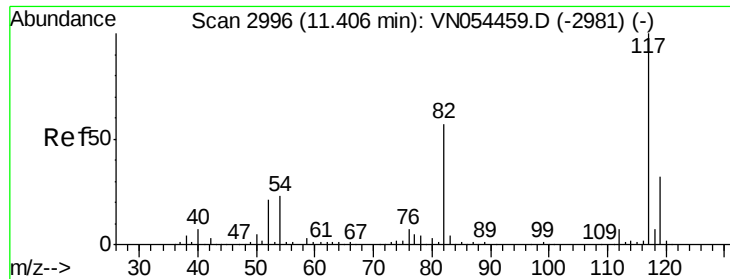
Tot Ion: 98 Resp: 1078708
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.657 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 95 Resp: 331808
Ion Ratio Lower Upper
95 100
174 83.6 0.0 191.0
176 80.1 0.0 187.4

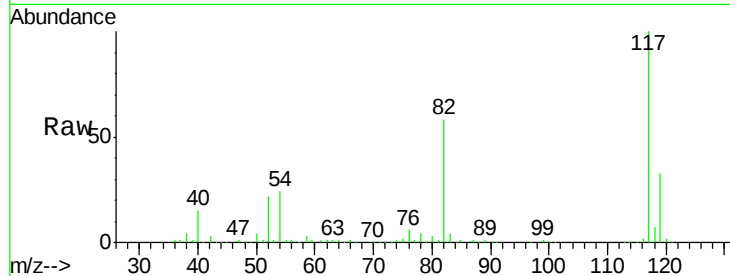




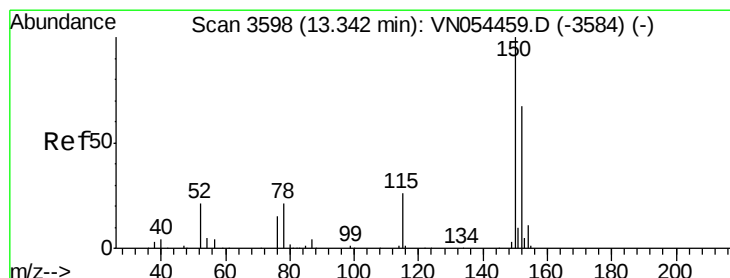
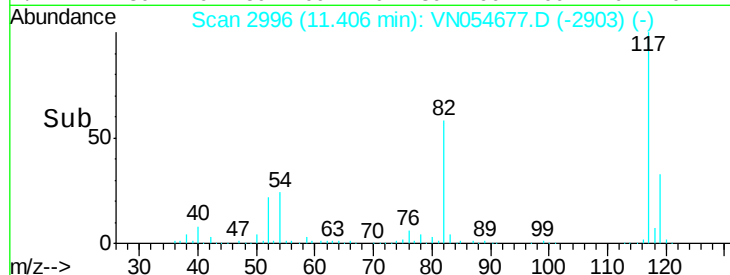
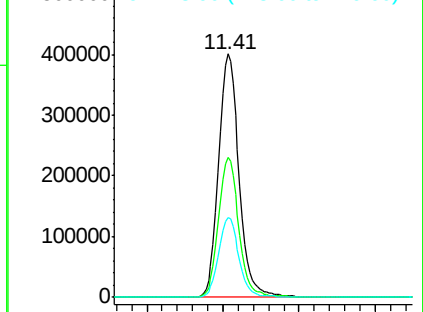
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion:117 Resp: 748400
Ion Ratio Lower Upper
117 100
82 57.6 40.0 60.0
119 32.8 25.8 38.6

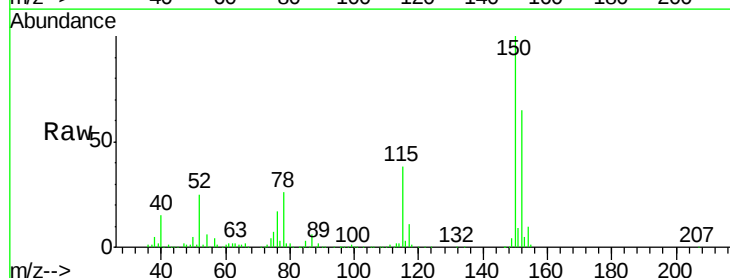


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

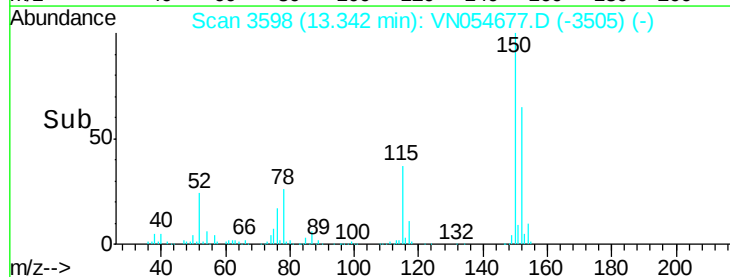
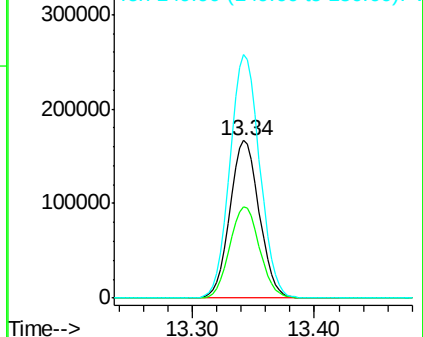


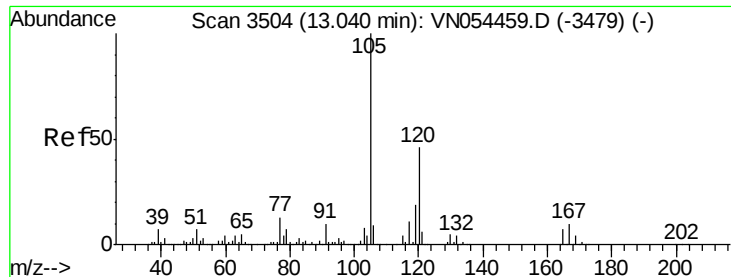
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:152 Resp: 280814
Ion Ratio Lower Upper
152 100
115 59.3 27.2 81.6
150 156.1 0.0 349.2



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

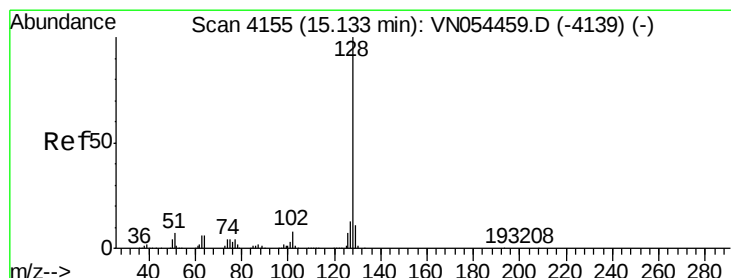
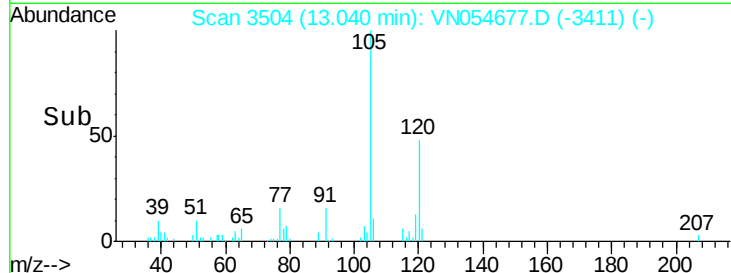
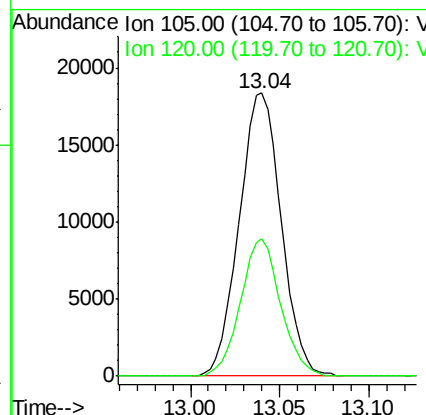
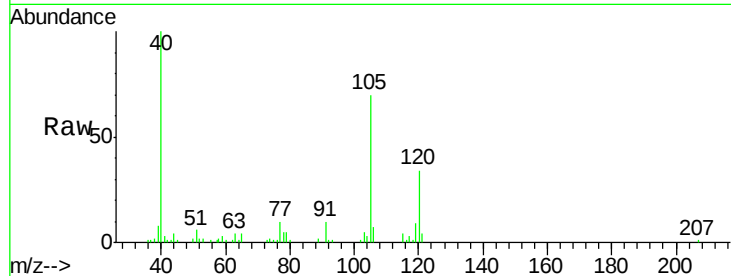




#84
 1,2,4-Trimethylbenzene
 Concen: 1.660 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

Tot Ion:105 Resp: 30207
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.3



#95
 Naphthalene
 Concen: 2.573 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN054677.D
 Acq: 25 Mar 2019 17:11

Tgt Ion:128 Resp: 25775
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.1 15.1
 129 11.3 8.7 13.1

