

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054829.D
 Acq On : 31 Mar 2019 3:57
 Operator : JC/SP
 Sample : K2164-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Mar 31 05:11:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

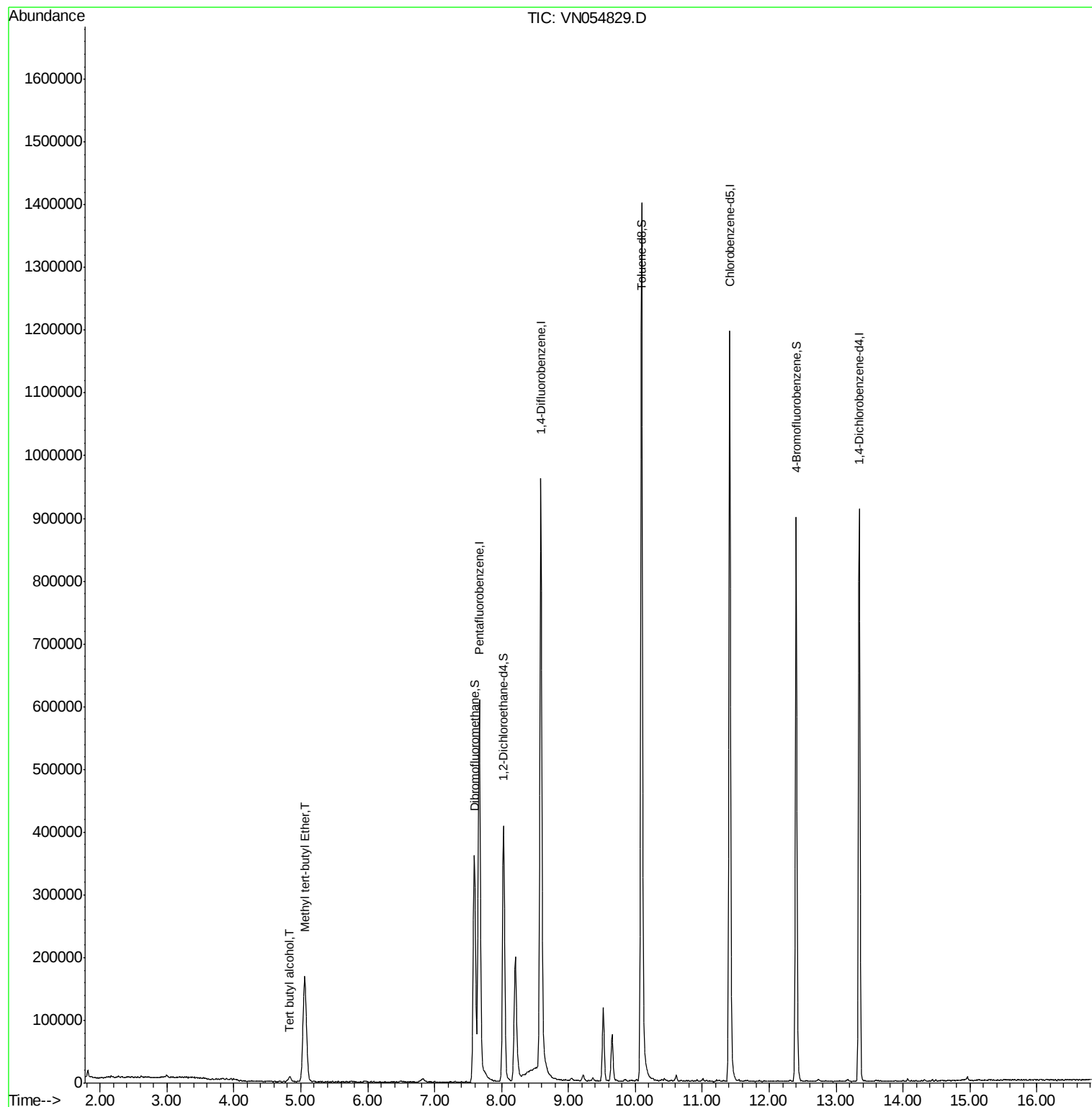
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	520116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	711477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	352620	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	274763	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.09	98	1014863	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.40	95	298332	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
Target Compounds						
11) Tert butyl alcohol	4.83	59	10725	29.359	ug/l #	70
19) Methyl tert-butyl Ether	5.06	73	262723	18.371	ug/l	92

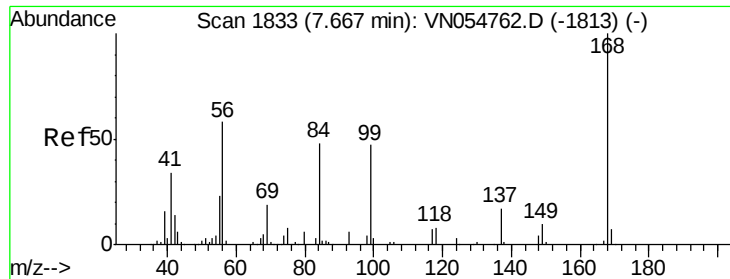
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054829.D

Acq: 31 Mar 2019 3:57

Instrument :

MSVOA_N

ClientSampled :

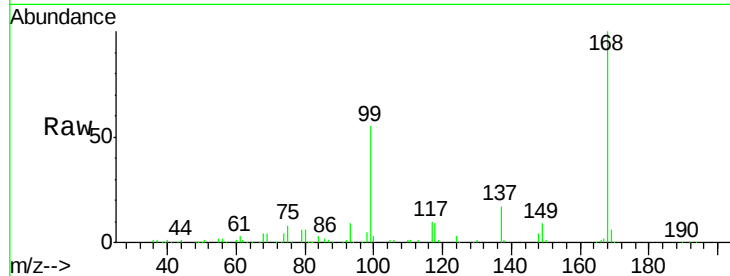
MW-6

Tot Ion:168 Resp: 520116

Ion Ratio Lower Upper

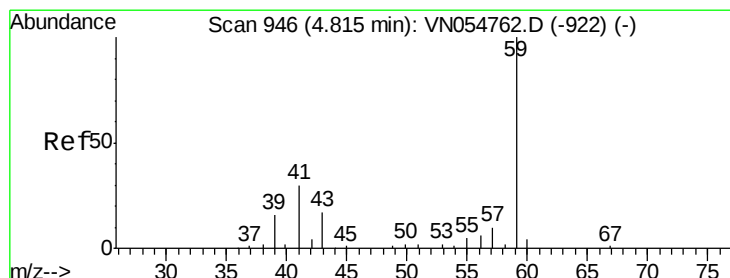
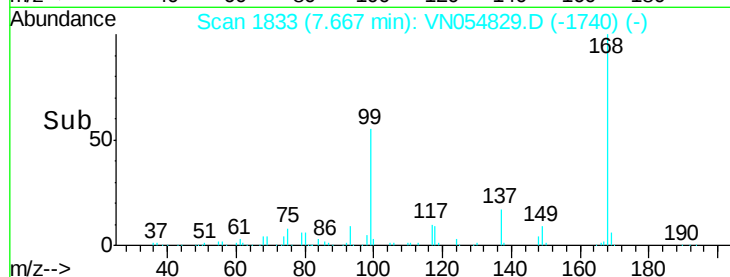
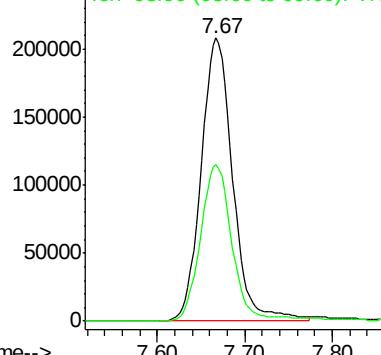
168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 29.359 ug/l

RT: 4.83 min Scan# 952

Delta R.T. 0.02 min

Lab File: VN054829.D

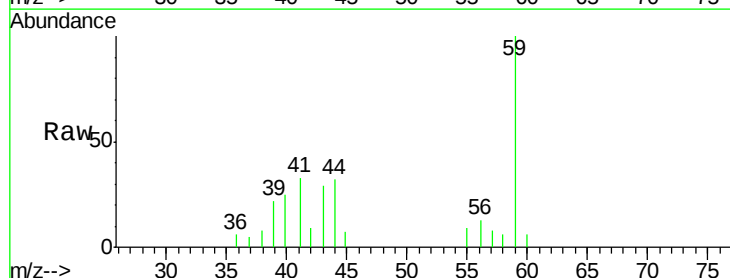
Acq: 31 Mar 2019 3:57

Tgt Ion: 59 Resp: 10725

Ion Ratio Lower Upper

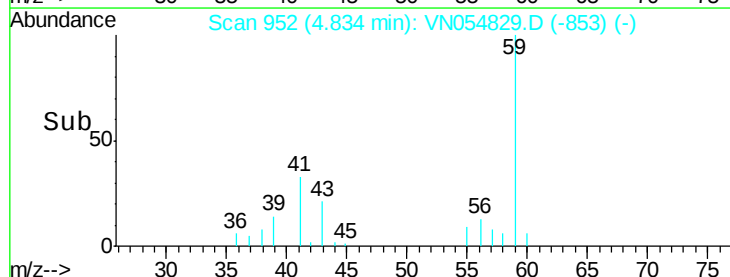
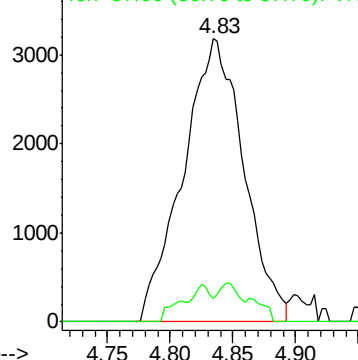
59 100

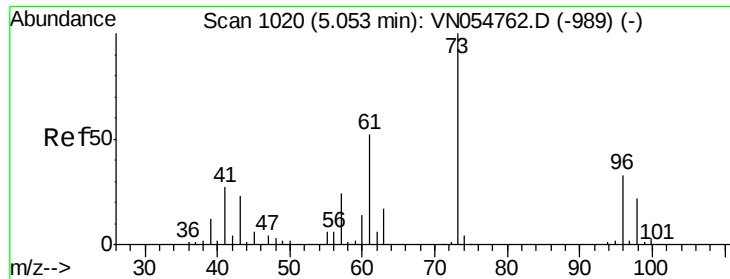
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

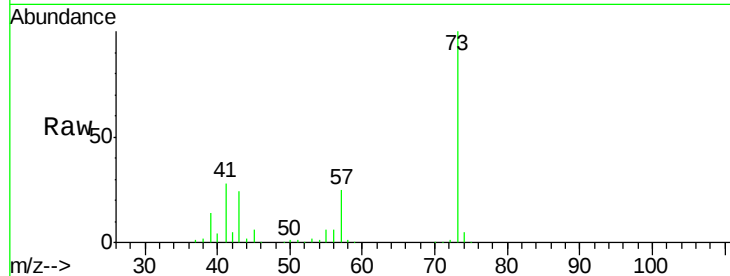




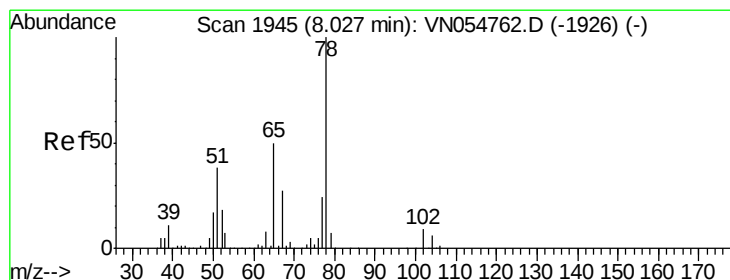
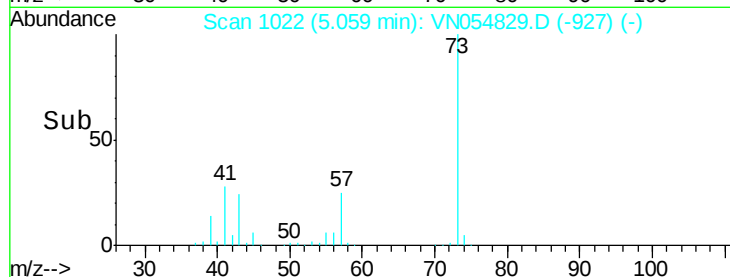
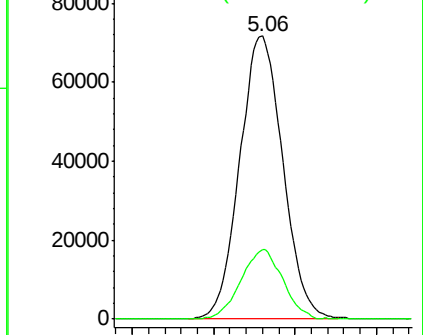
#19
Methvl tert-butvl Ether
Concen: 18.371 ug/l
RT: 5.06 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VN054829.D
Acq: 31 Mar 2019 3:57

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tot Ion: 73 Resp: 262723
Ion Ratio Lower Upper
73 100
57 24.7 16.8 25.2

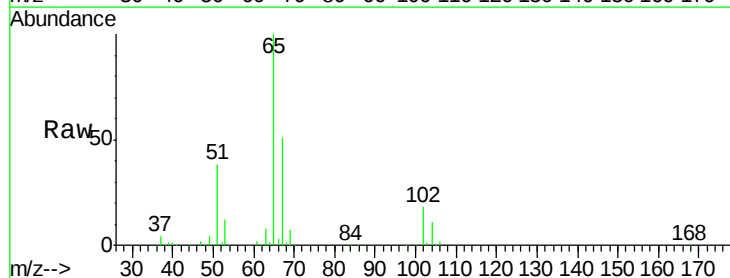


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

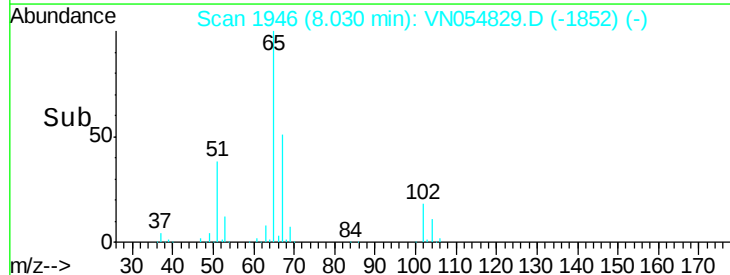
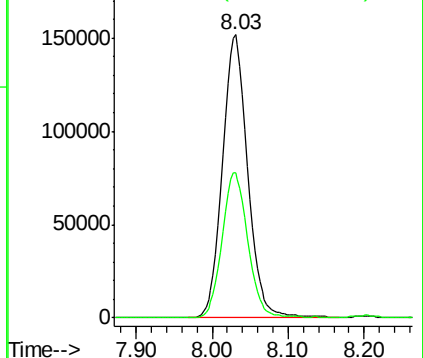


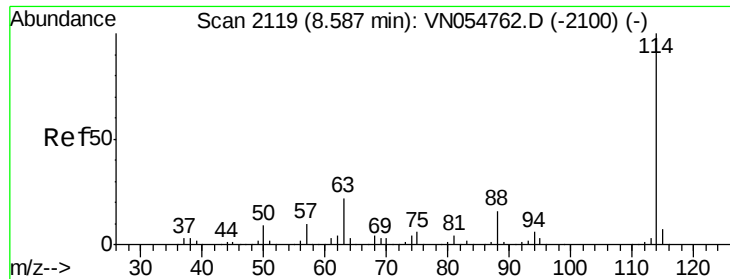
#33
1,2-Dichloroethane-d4
Concen: 50.293 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054829.D
Acq: 31 Mar 2019 3:57

Tgt Ion: 65 Resp: 352620
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

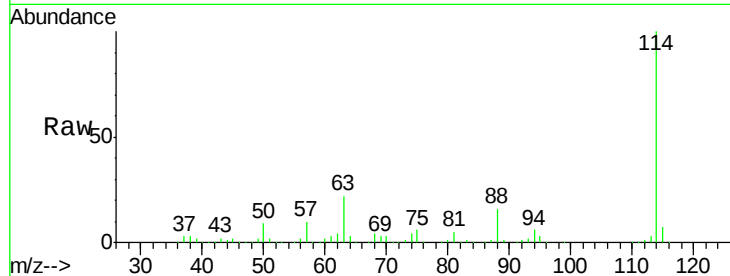




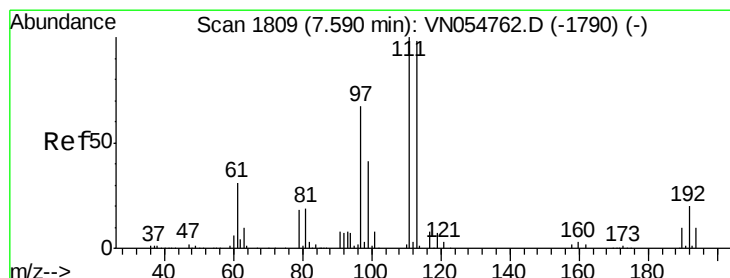
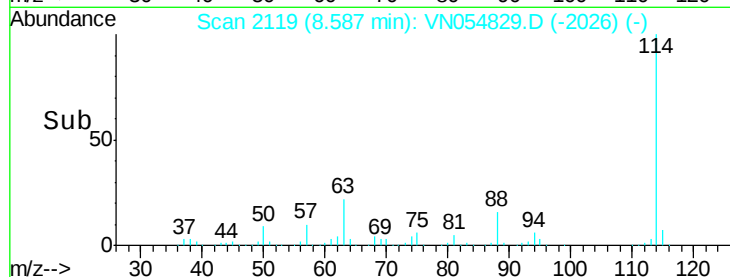
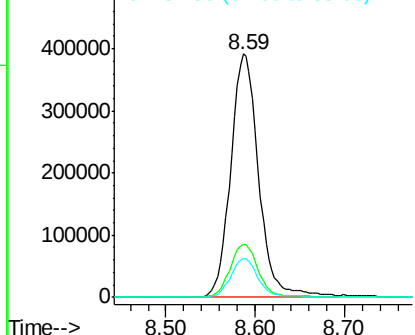
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054829.D
 Acq: 31 Mar 2019 3:57

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	35.2
88	16.2	0.0	30.2

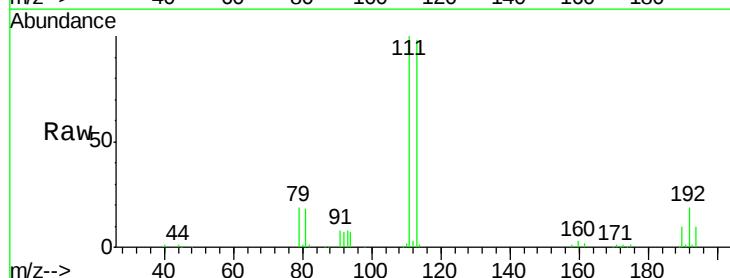


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

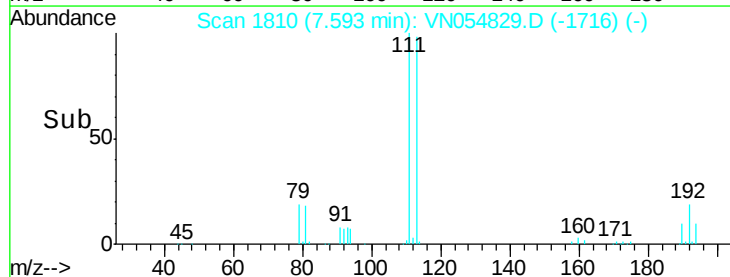
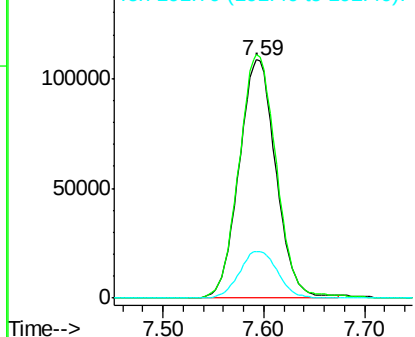


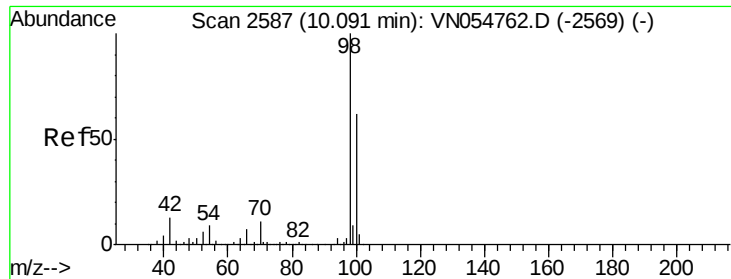
#35
 Dibromofluoromethane
 Concen: 48.344 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054829.D
 Acq: 31 Mar 2019 3:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	20.4	19.2	28.8



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

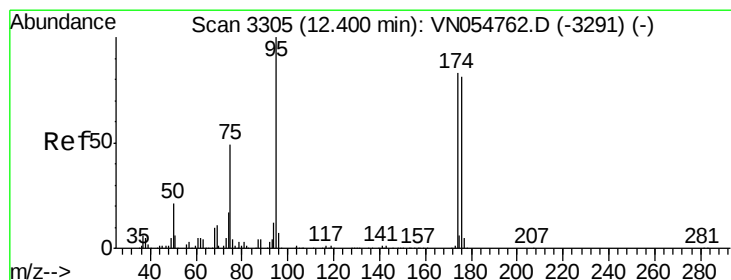
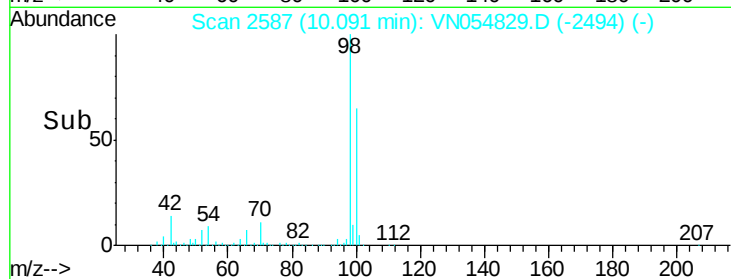
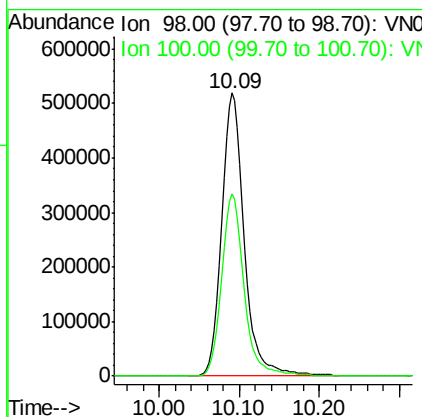
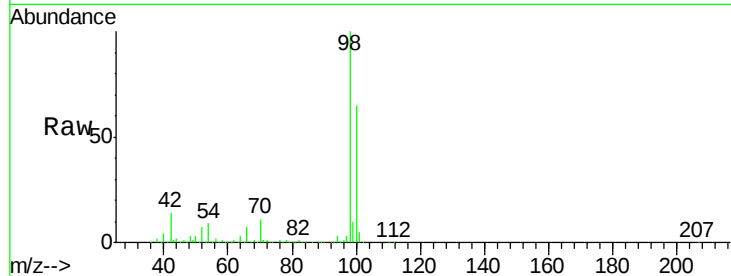




#50
Toluene-d8
Concen: 48.029 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054829.D
Acq: 31 Mar 2019 3:57

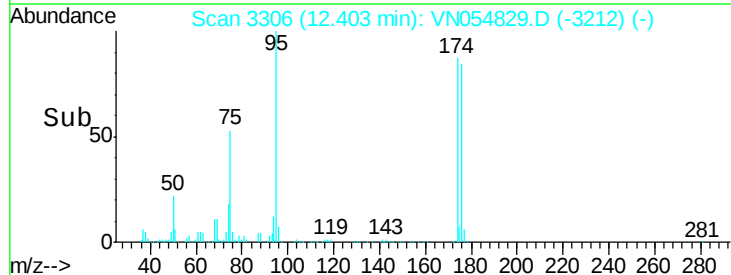
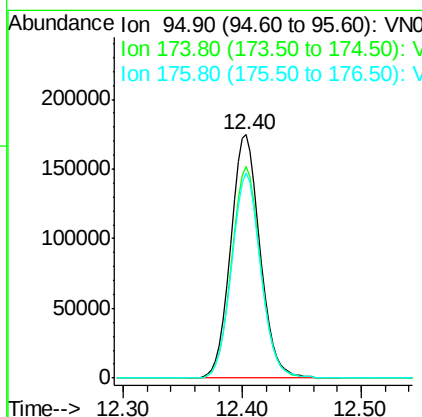
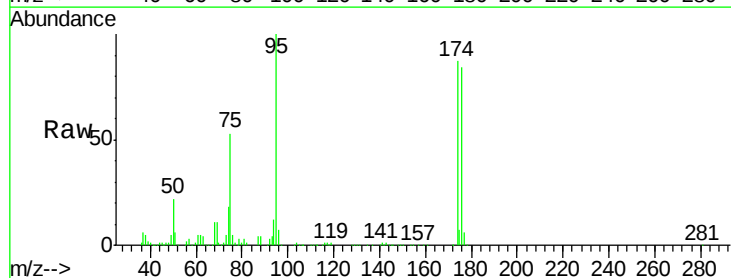
Instrument :
MSVOA_N
ClientSampled :
MW-6

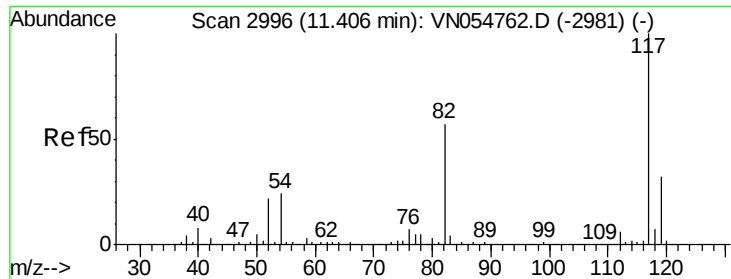
Tot Ion: 98 Resp: 1014863
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.453 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054829.D
Acq: 31 Mar 2019 3:57

Tgt Ion: 95 Resp: 298332
Ion Ratio Lower Upper
95 100
174 86.0 0.0 191.0
176 83.6 0.0 187.4

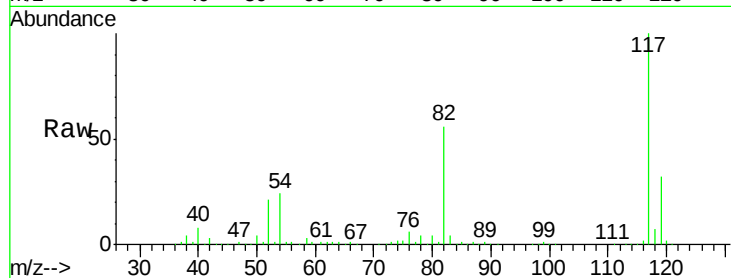




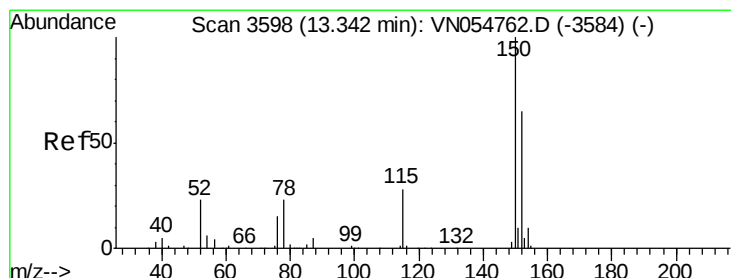
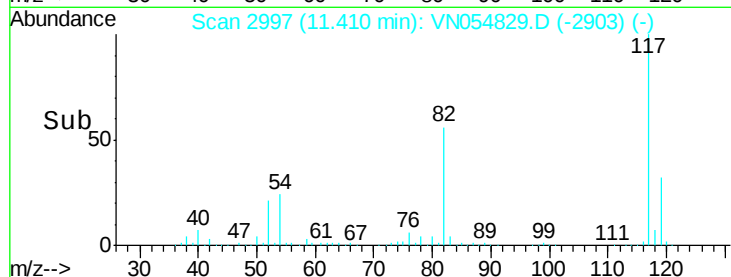
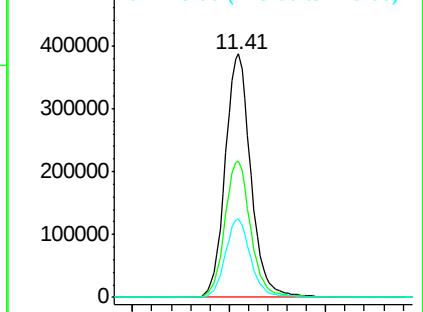
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054829.D
Acq: 31 Mar 2019 3:57

Instrument :
MSVOA_N
ClientSampled :
MW-6

Tot Ion:117 Resp: 711477
Ion Ratio Lower Upper
117 100
82 55.8 40.0 60.0
119 32.0 25.8 38.6

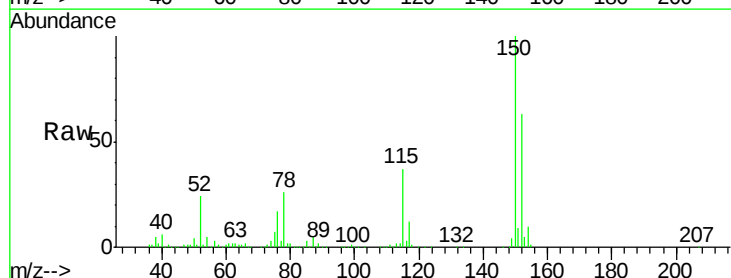


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054829.D
Acq: 31 Mar 2019 3:57

Tgt Ion:152 Resp: 242310
Ion Ratio Lower Upper
152 100
115 58.5 27.2 81.6
150 156.6 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

