

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054081.D
 Acq On : 4 Mar 2019 22:15
 Operator : JC/SP
 Sample : K1715-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

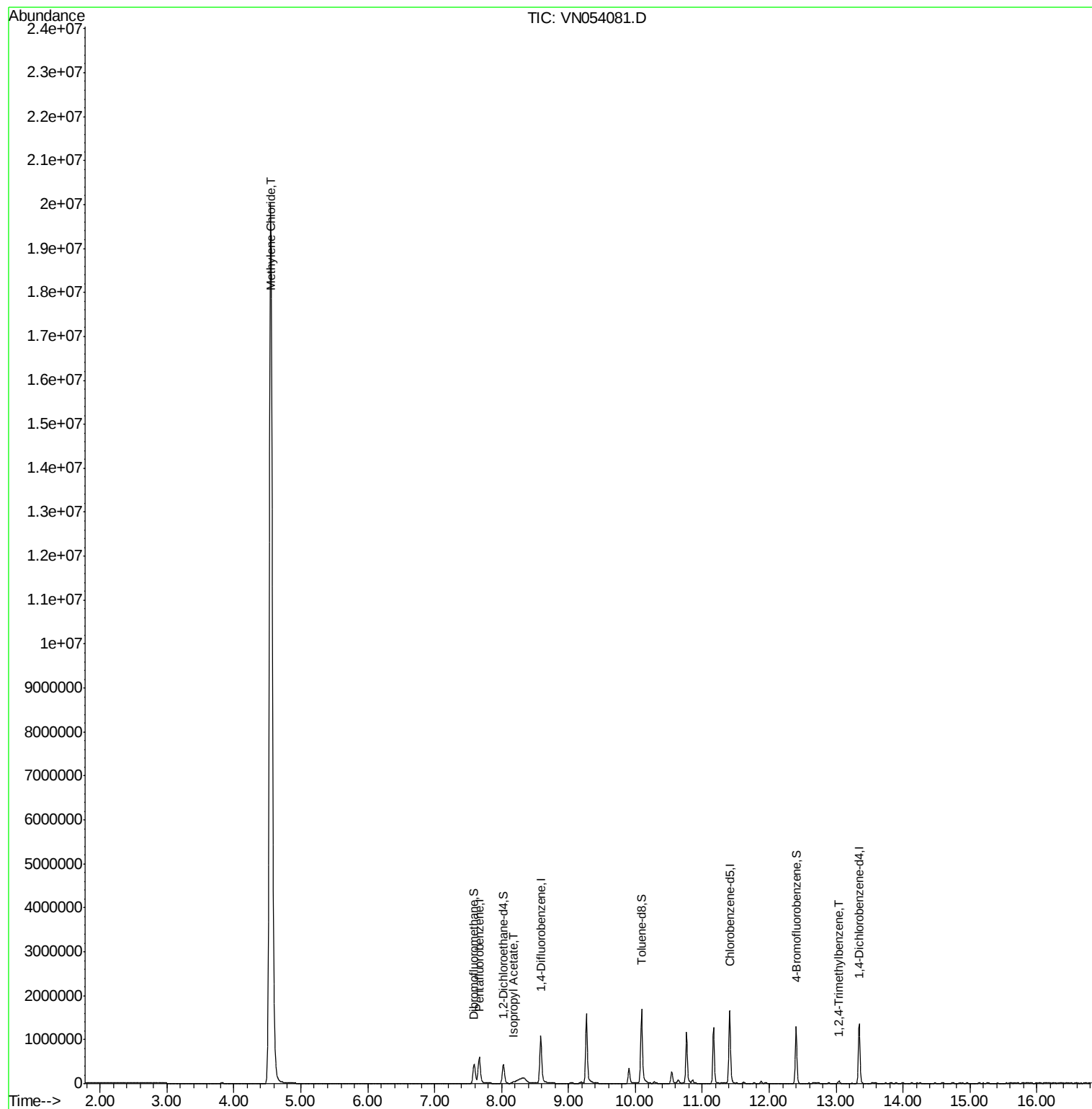
Quant Time: Mar 05 00:51:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

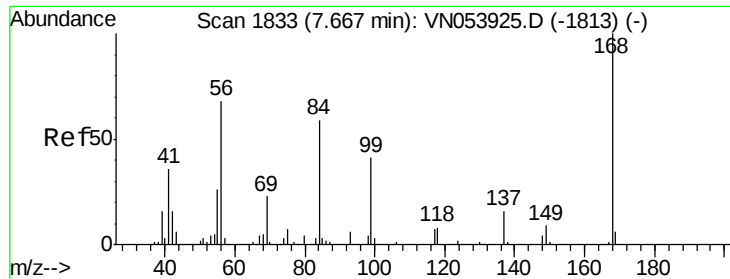
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1043474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1040661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	374359	57.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.52%	
35) Dibromofluoromethane	7.59	113	338737	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.09	98	1331176	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.40	95	454687	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
Target Compounds						
20) Methylene Chloride	4.55	84	15318313	2388.072	ug/l	88
43) Isopropyl Acetate	8.17	43	38098	3.257	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.04	105	32903	1.336	ug/l	96

(#) = 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: VN054081.D

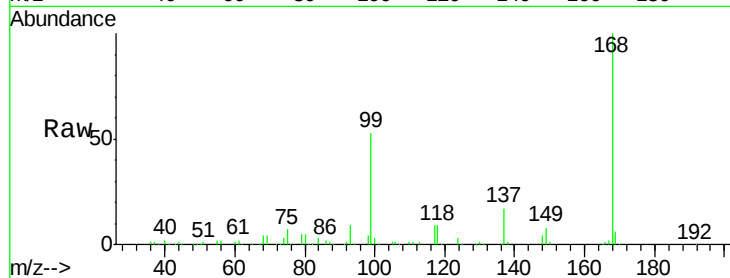
Acq: 4 Mar 2019 22:15

Tot Ion:168 Resp: 552888

Ion Ratio Lower Upper

168 100

99 53.4 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

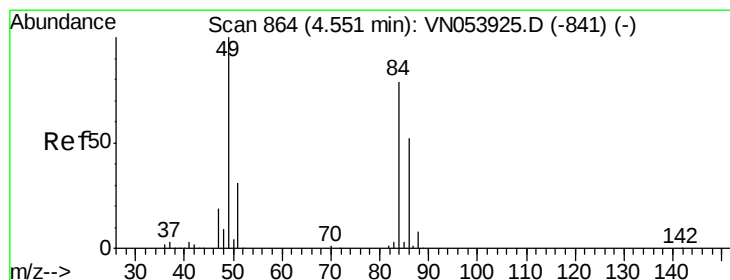
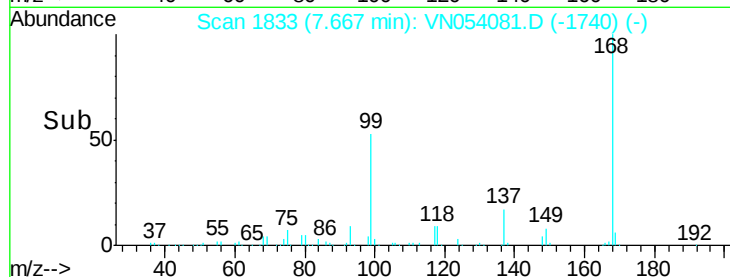
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 2388.072 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054081.D

Acq: 4 Mar 2019 22:15

Tgt Ion: 84 Resp:15318313

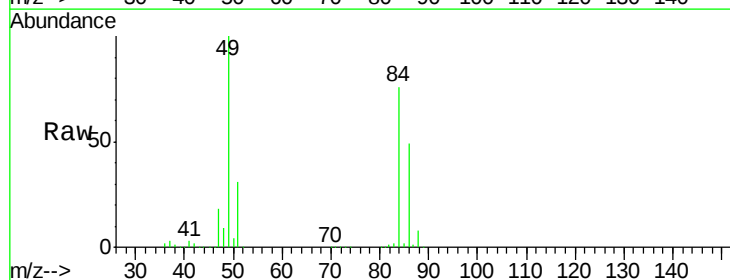
Ion Ratio Lower Upper

84 100

49 131.6 89.7 134.5

51 40.7 27.8 41.8

86 64.4 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

8000000

6000000

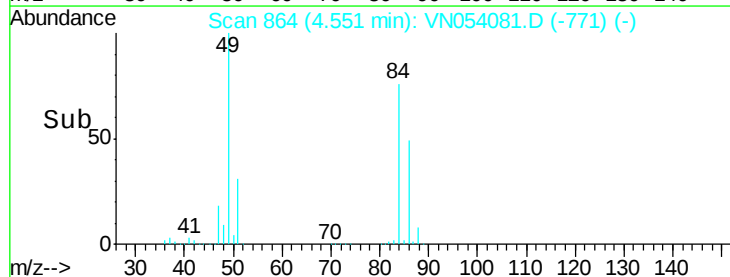
4000000

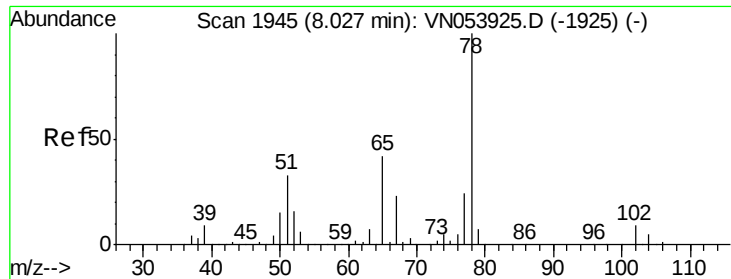
2000000

0

Time-->

4.40 4.60 4.80





#33

1,2-Dichloroethane-d4

Concen: 57.762 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054081.D

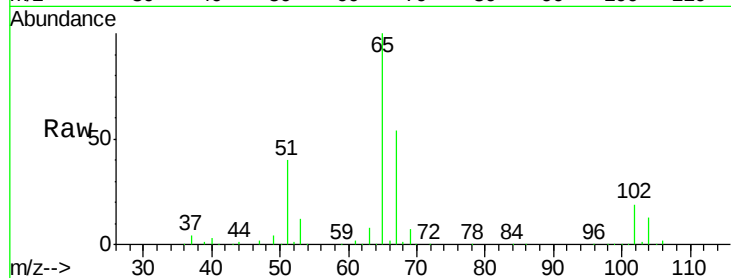
Acq: 4 Mar 2019 22:15

Tot Ion: 65 Resp: 374359

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

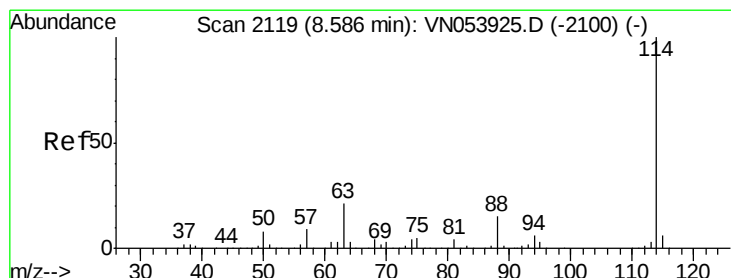
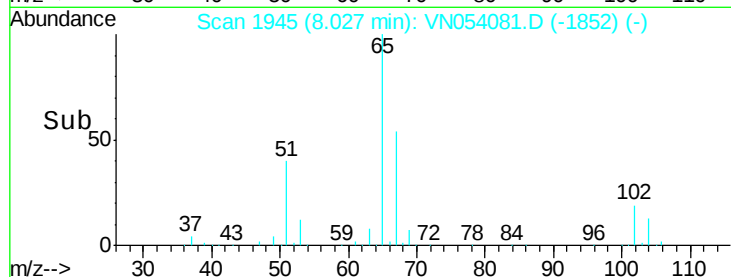
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054081.D

Acq: 4 Mar 2019 22:15

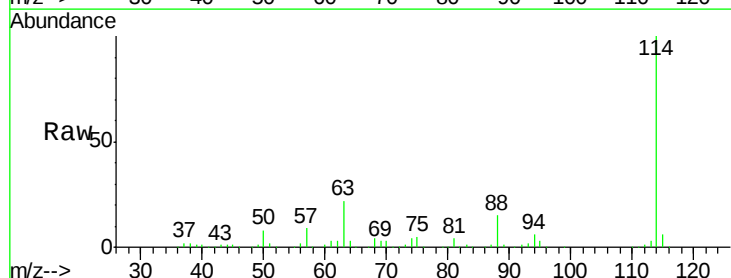
Tgt Ion:114 Resp: 1043474

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

500000

400000

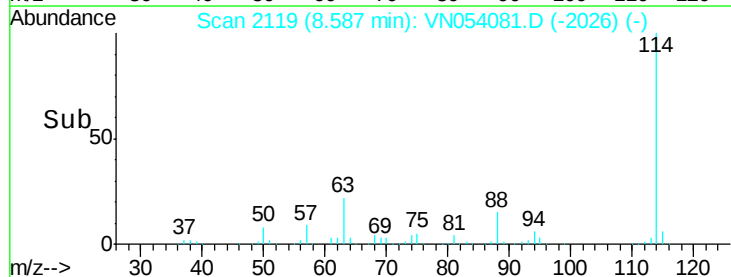
300000

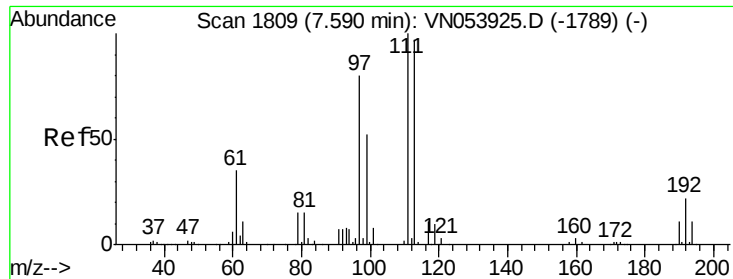
200000

100000

0

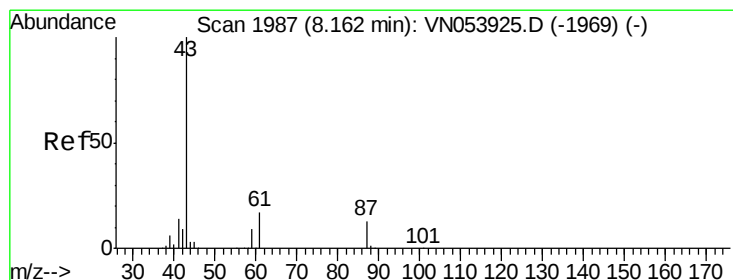
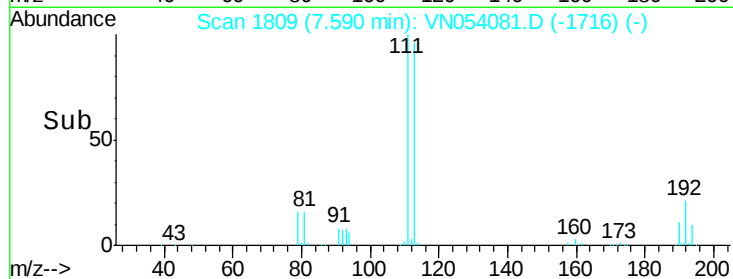
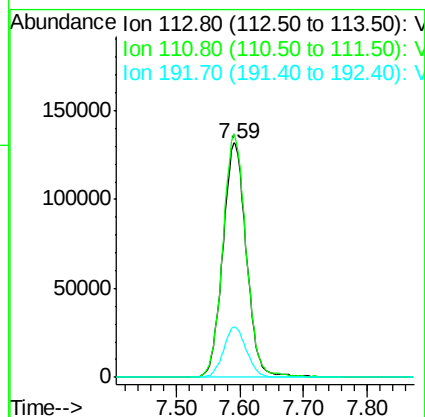
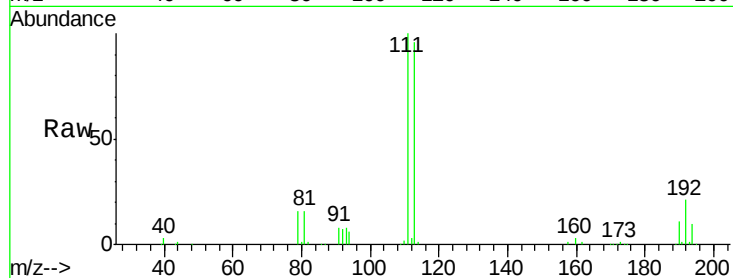
Time--> 8.40 8.50 8.60 8.70 8.80





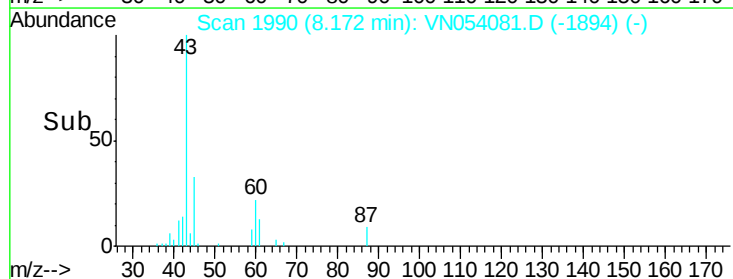
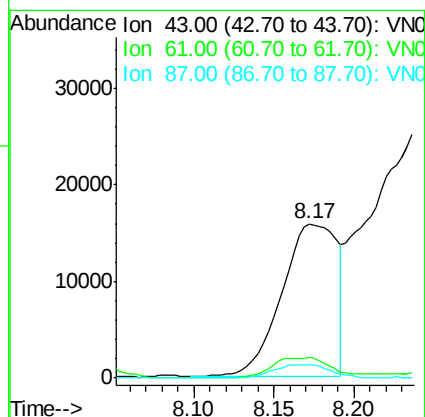
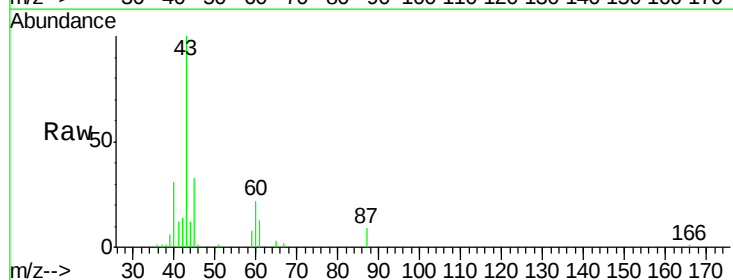
#35
 Dibromofluoromethane
 Concen: 50.200 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054081.D
 Acq: 4 Mar 2019 22:15

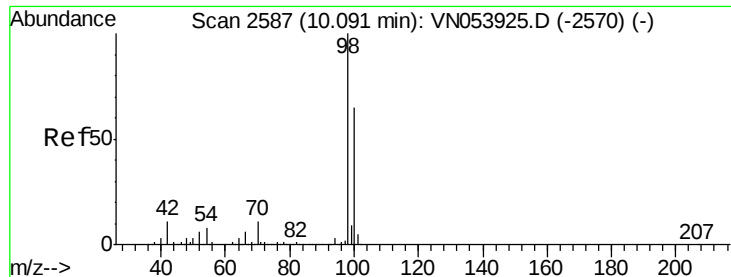
Tot Ion:113 Resp: 338737
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 21.1 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.257 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054081.D
 Acq: 4 Mar 2019 22:15

Tgt Ion: 43 Resp: 38098
 Ion Ratio Lower Upper
 43 100
 61 7.2 17.4 26.0#
 87 8.9 11.5 17.3#





#50

Toluene-d8

Concen: 52.995 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054081.D

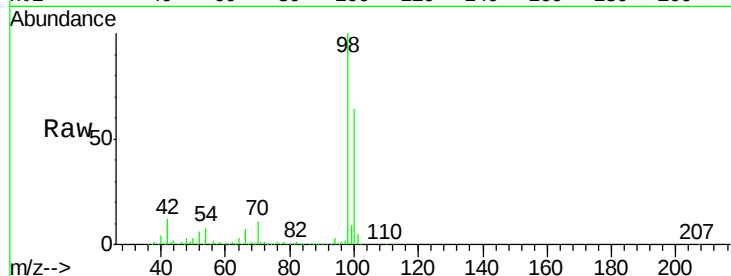
Acq: 4 Mar 2019 22:15

Tot Ion: 98 Resp: 1331176

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN054081.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054081.D (-2494) (-)

10.09

600000

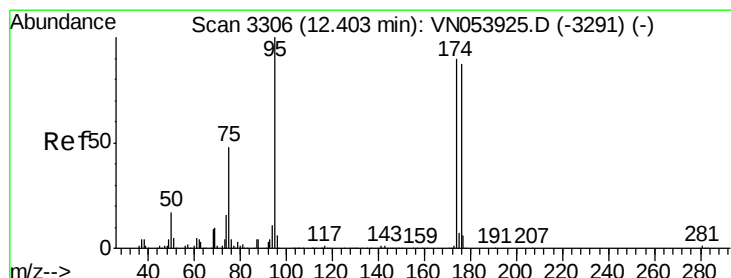
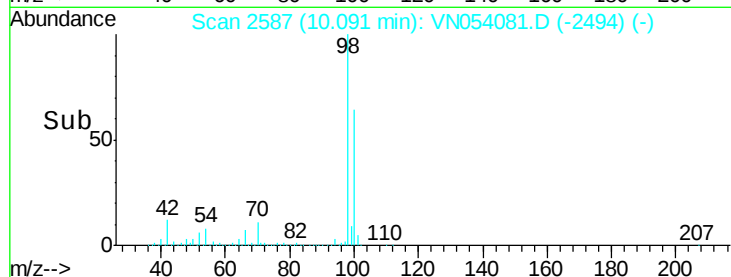
400000

200000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 54.331 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054081.D

Acq: 4 Mar 2019 22:15

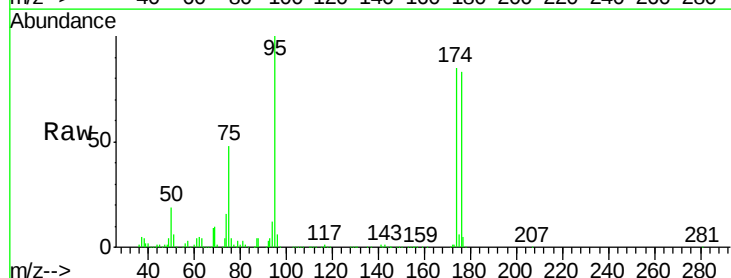
Tgt Ion: 95 Resp: 454687

Ion Ratio Lower Upper

95 100

174 86.3 0.0 188.8

176 83.6 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN054081.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN054081.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN054081.D (-3213) (-)

12.40

300000

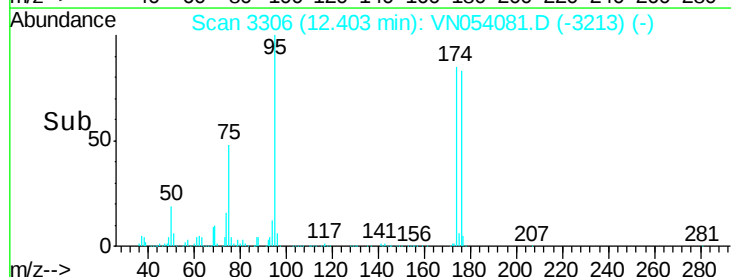
200000

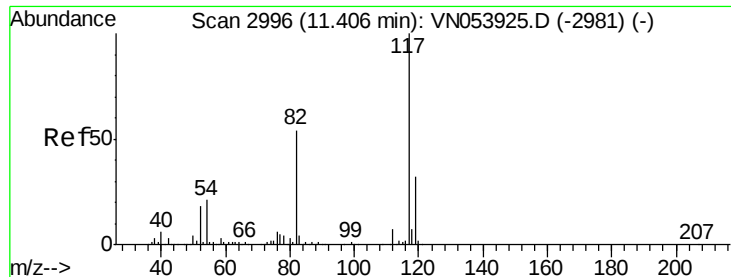
100000

0

Time-->

12.35 12.40 12.45

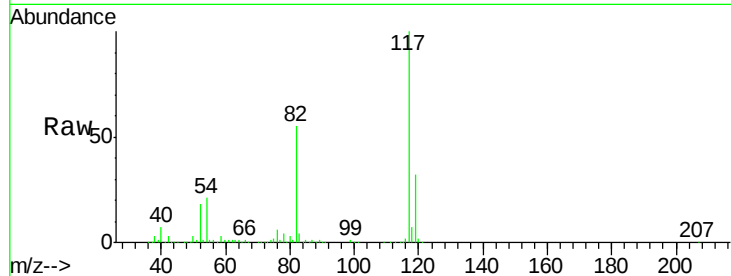




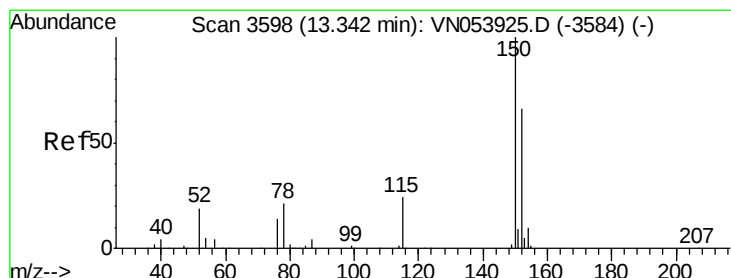
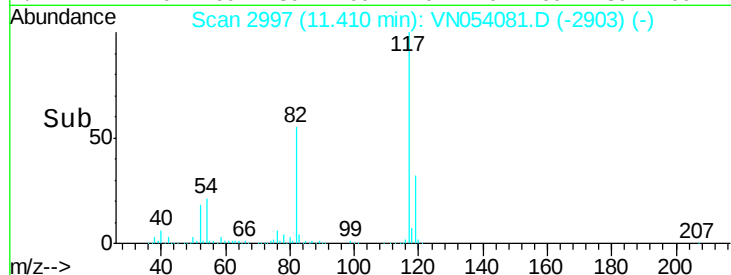
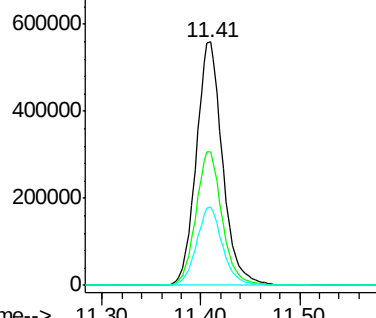
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054081.D
Acq: 4 Mar 2019 22:15

Tot Ion:117 Resp: 1040661

Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.4	62.2
119	32.1	25.3	37.9



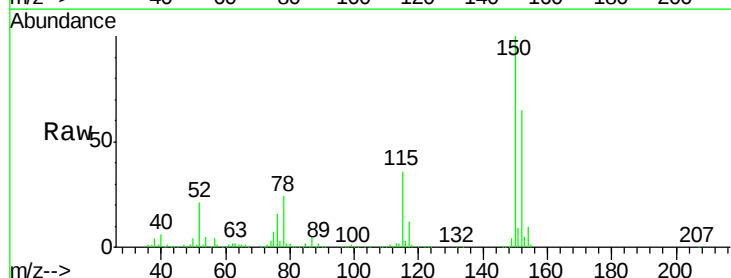
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



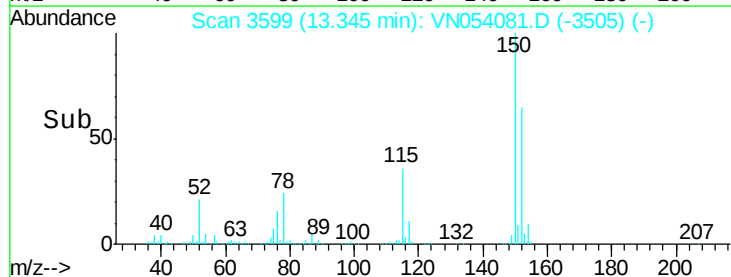
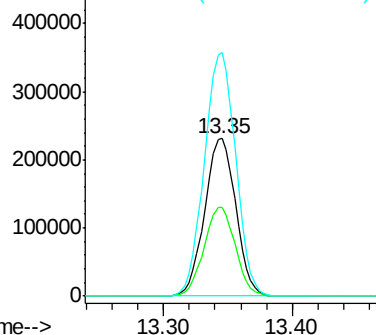
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054081.D
Acq: 4 Mar 2019 22:15

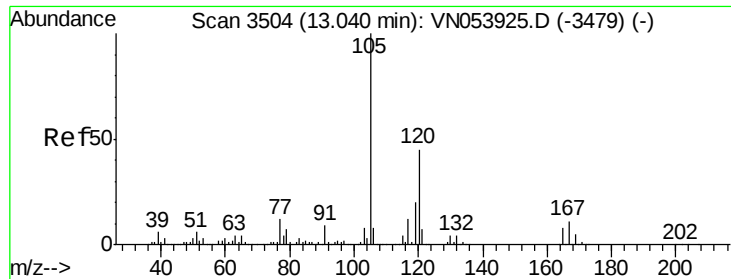
Tgt Ion:152 Resp: 387051

Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.2	81.6
150	156.1	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





#84
 1,2,4-Trimethylbenzene
 Concen: 1.336 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054081.D
 Acq: 4 Mar 2019 22:15

Tot Ion:105 Resp: 32903
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.2 69.5

