

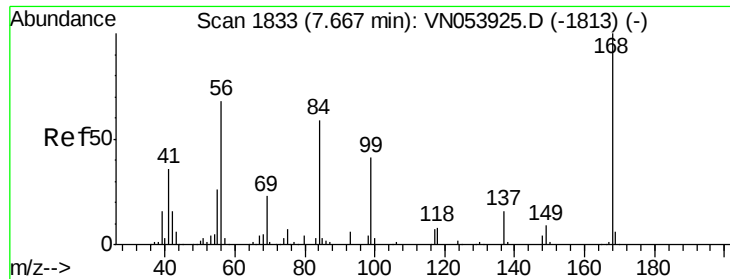
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054047.D
 Acq On : 1 Mar 2019 23:16
 Operator : JC/SP
 Sample : K1675-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-2-A

Quant Time: Mar 02 05:53:24 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	614692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1118636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1102723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	407309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	392736	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	7.59	113	356396	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.09	98	1431003	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	480289	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
Target Compounds						
20) Methylene Chloride	4.55	84	24711	3.465	ug/l	91
43) Isopropyl Acetate	8.17	43	37388	2.981	ug/l #	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054047.D

Acq: 1 Mar 2019 23:16

Instrument :

MSVOA_N

ClientSampled :

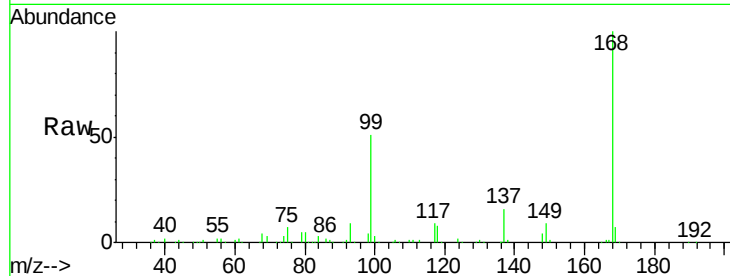
Z-3-2-A

Tot Ion:168 Resp: 614692

Ion Ratio Lower Upper

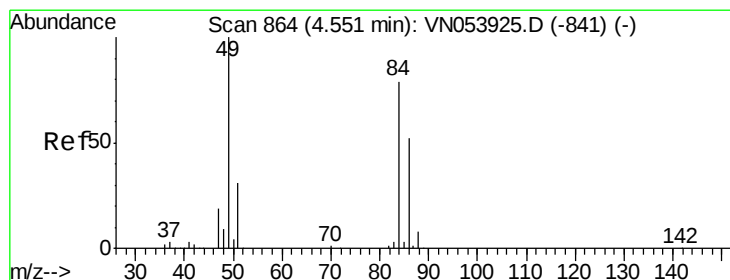
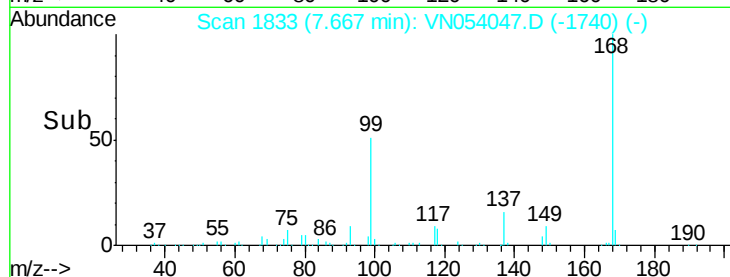
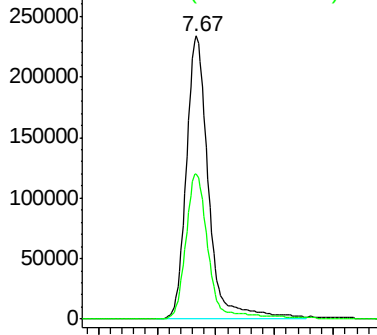
168 100

99 51.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 3.465 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054047.D

Acq: 1 Mar 2019 23:16

Tgt Ion: 84 Resp: 24711

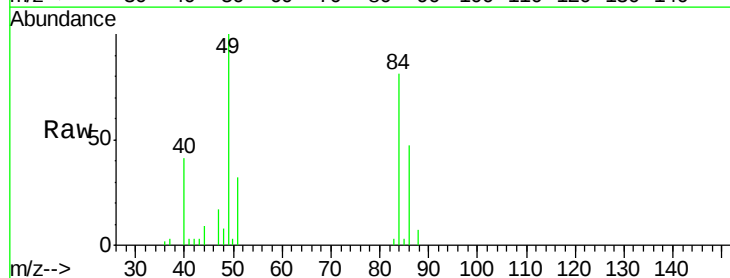
Ion Ratio Lower Upper

84 100

49 123.4 89.7 134.5

51 39.1 27.8 41.8

86 58.0 51.3 76.9

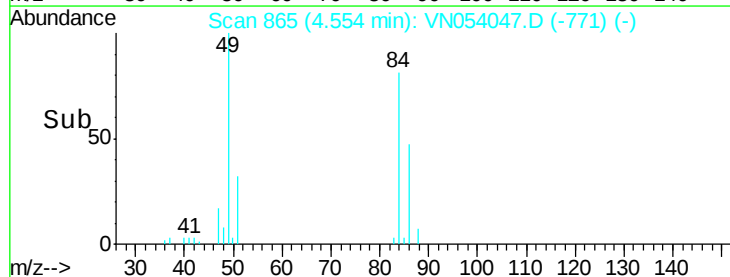
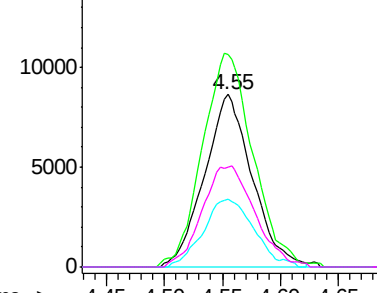


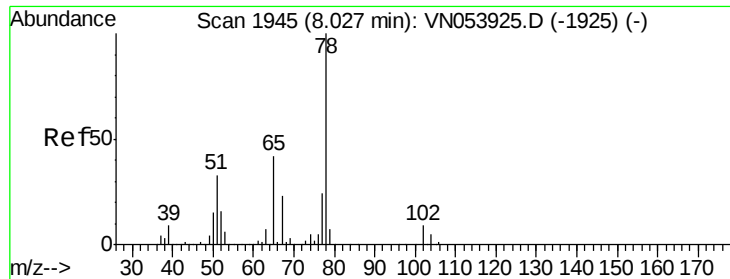
Abundance Ion 83.90 (83.60 to 84.60): VNO

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





#33

1,2-Dichloroethane-d4

Concen: 54.505 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054047.D

Acq: 1 Mar 2019 23:16

Instrument :

MSVOA_N

ClientSampled :

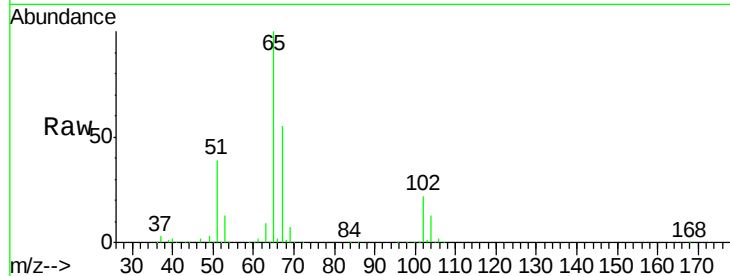
Z-3-2-A

Tot Ion: 65 Resp: 392736

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN054047.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054047.D (-1852) (-)

8.03

150000

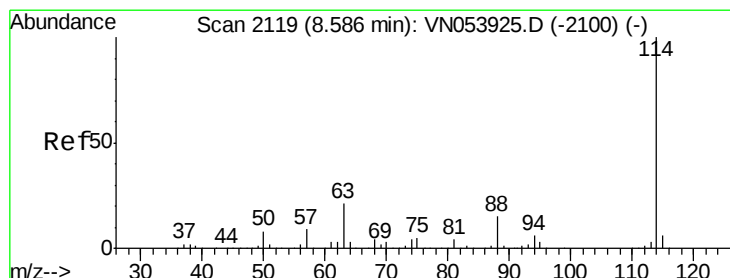
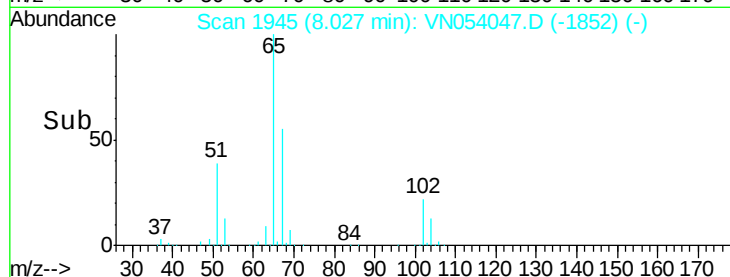
100000

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: VN054047.D

Acq: 1 Mar 2019 23:16

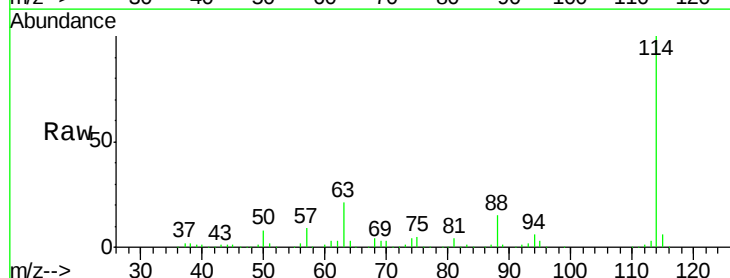
Tgt Ion: 114 Resp: 1118636

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN054047.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054047.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054047.D (-2026) (-)

8.59

600000

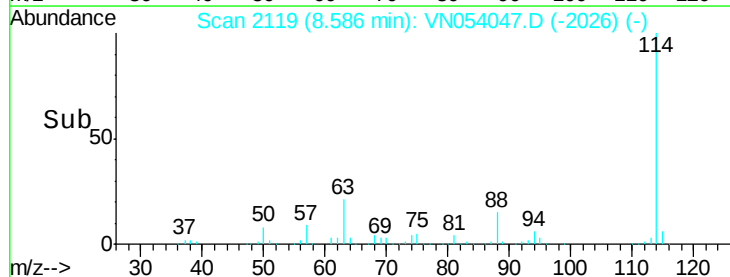
400000

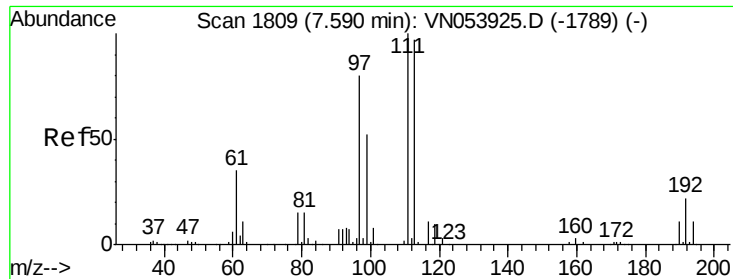
200000

0

Time-->

8.50 8.60 8.70 8.80

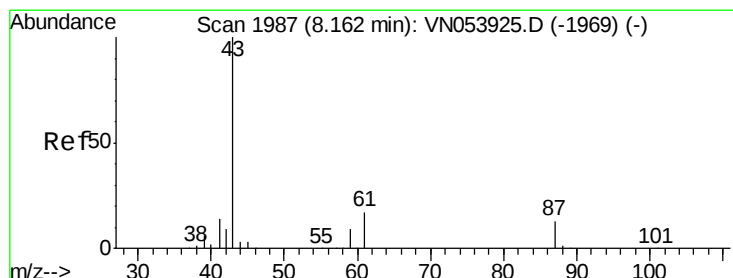
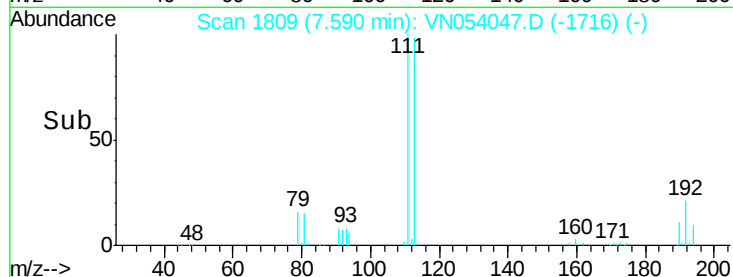
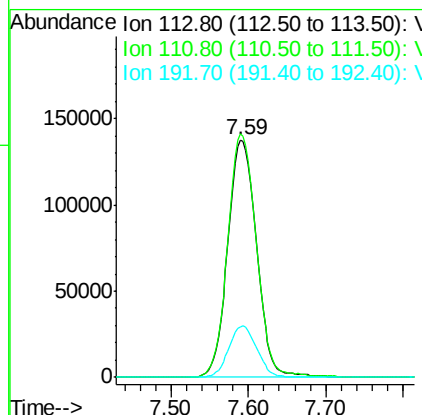
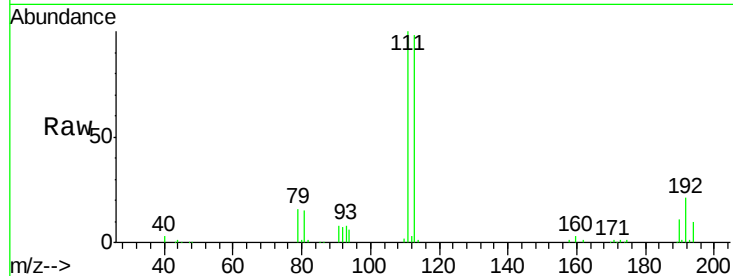




#35
 Dibromofluoromethane
 Concen: 49.269 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054047.D
 Acq: 1 Mar 2019 23:16

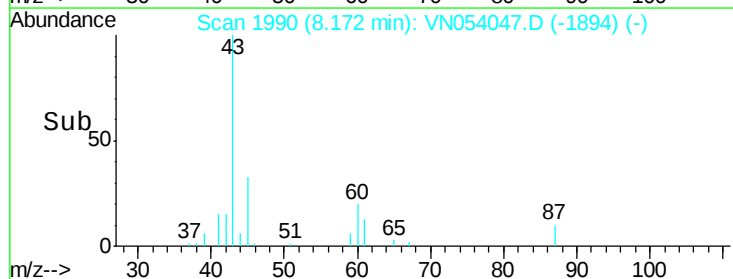
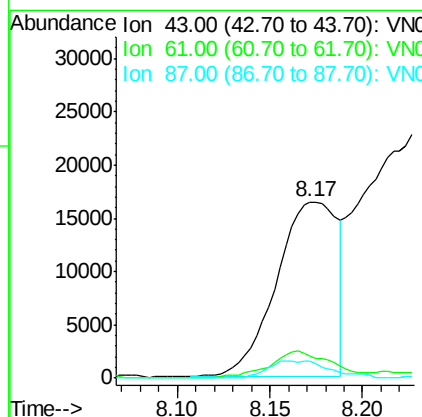
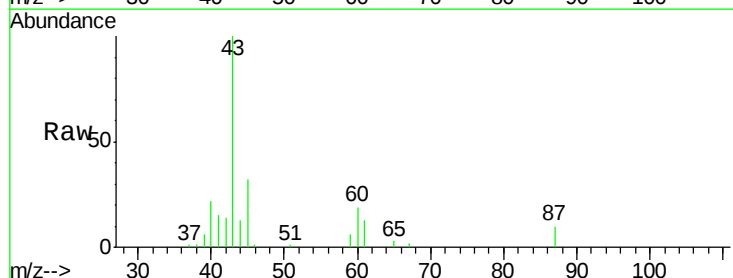
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-2-A

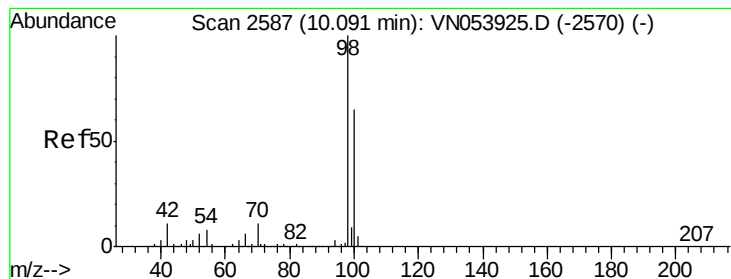
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	21.1	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 2.981 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054047.D
 Acq: 1 Mar 2019 23:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	17.4	26.0#
87	10.0	11.5	17.3#





#50

Toluene-d8

Concen: 53.142 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054047.D

Acq: 1 Mar 2019 23:16

Instrument :

MSVOA_N

ClientSampled :

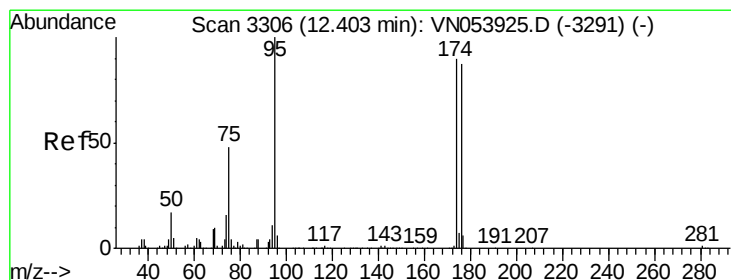
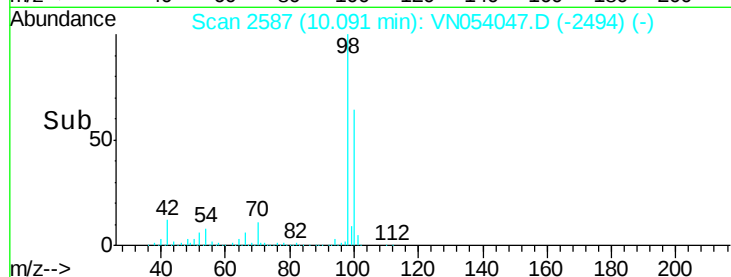
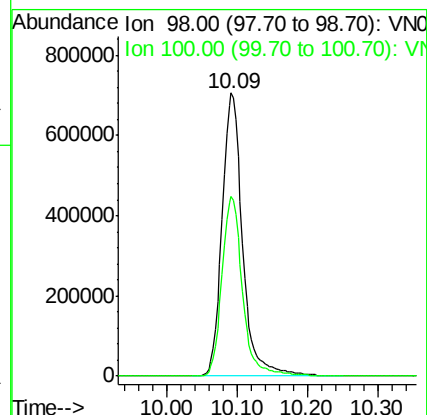
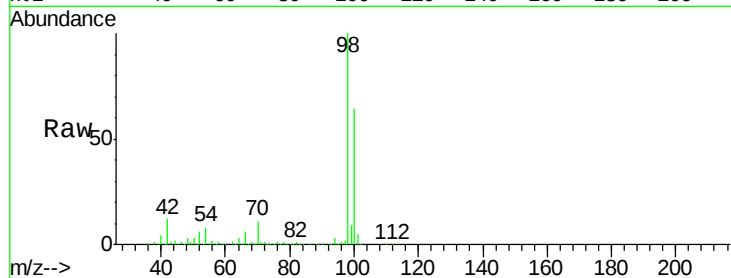
Z-3-2-A

Tot Ion: 98 Resp: 1431003

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.534 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054047.D

Acq: 1 Mar 2019 23:16

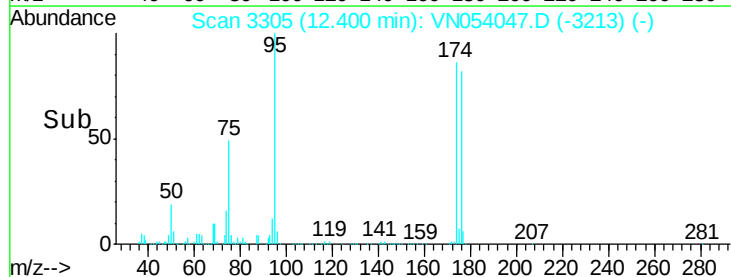
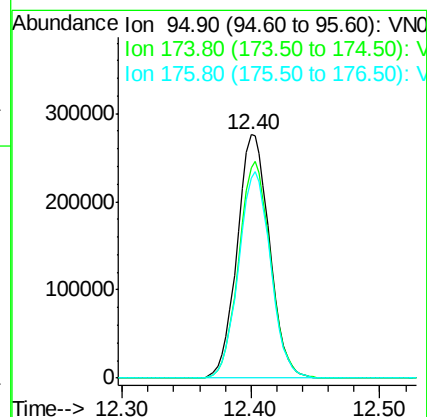
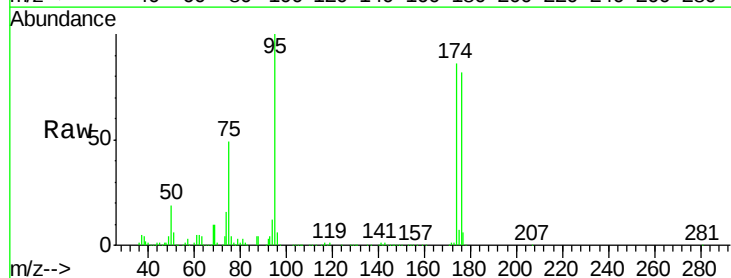
Tgt Ion: 95 Resp: 480289

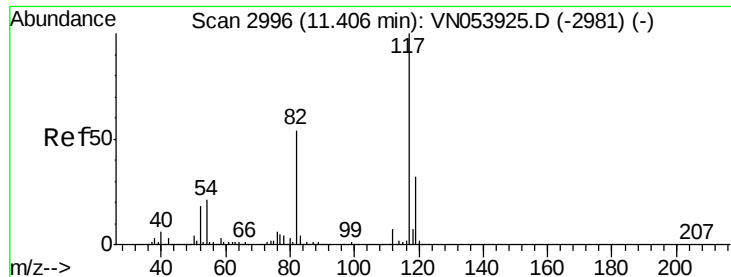
Ion Ratio Lower Upper

95 100

174 87.6 0.0 188.8

176 84.0 0.0 182.6

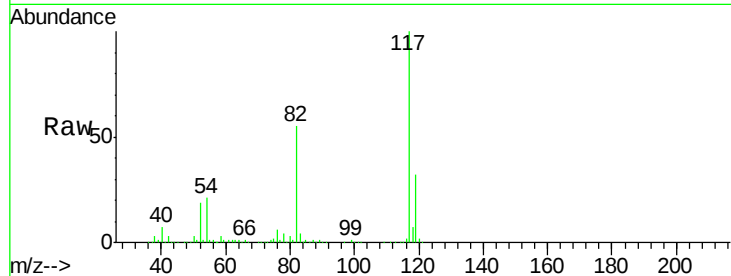




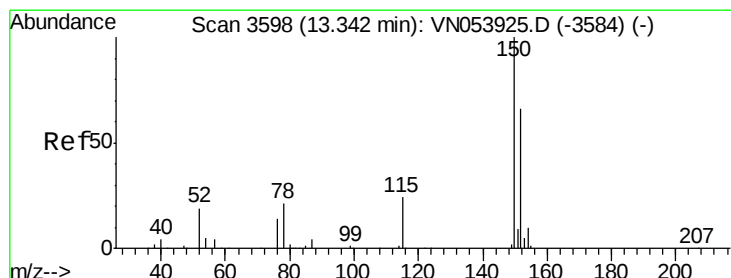
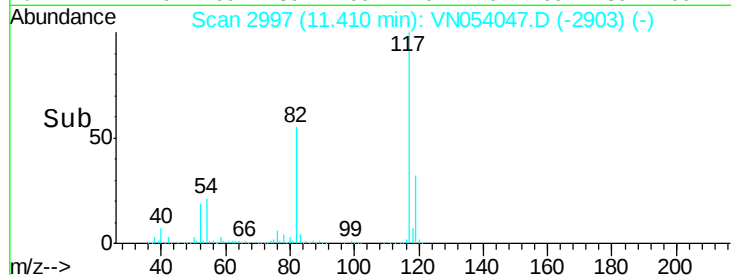
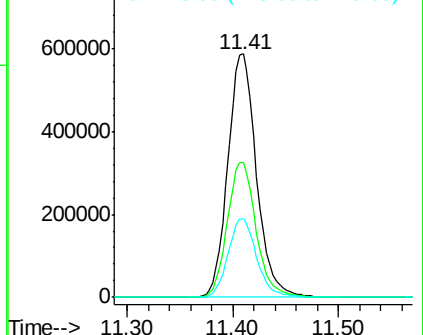
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054047.D
Acq: 1 Mar 2019 23:16

Instrument :
MSVOA_N
ClientSampleId :
Z-3-2-A

Tot Ion:117 Resp: 1102723
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.2
119 32.5 25.3 37.9

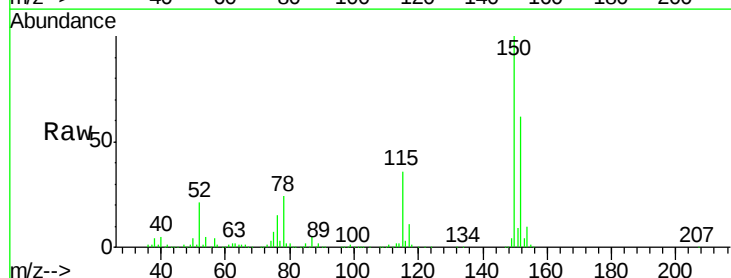


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054047.D
Acq: 1 Mar 2019 23:16

Tgt Ion:152 Resp: 407309
Ion Ratio Lower Upper
152 100
115 57.9 27.2 81.6
150 159.3 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

