

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032219\
 Data File : VN054579.D
 Acq On : 23 Mar 2019 1:53
 Operator : JC/SP
 Sample : K2045-05ME
 Misc : 6.35g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB439-190318-(23-25)ME

Quant Time: Mar 23 04:57:22 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

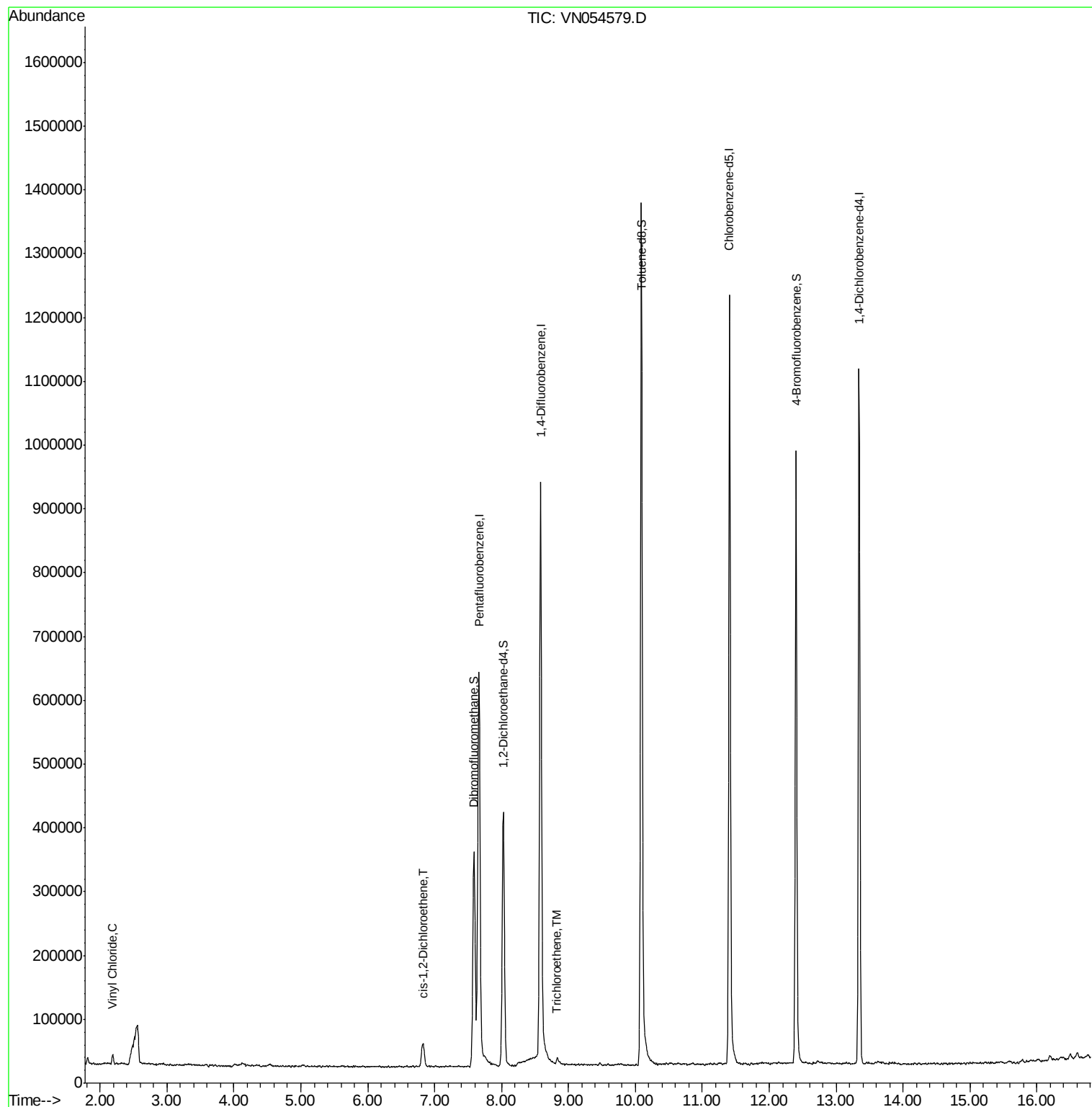
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	528374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	850174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	715879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	291747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	340225	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	7.59	113	252293	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	10.09	98	1018939	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.40	95	326804	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
4) Vinyl Chloride	2.19	62	11932	1.73	ug/l	92
27) cis-1,2-Dichloroethene	6.83	96	23441	3.78	ug/l	96
44) Trichloroethene	8.83	130	3578	0.57	ug/l	86

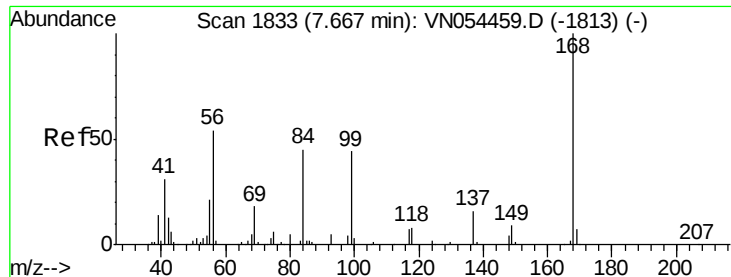
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054579.D

Acq: 23 Mar 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

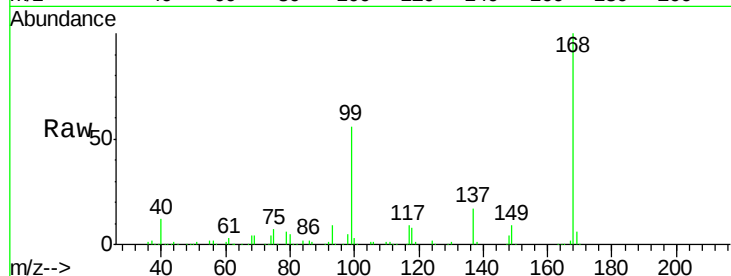
WP022SB439-190318-(23-25)ME

Tot Ion:168 Resp: 528374

Ion Ratio Lower Upper

168 100

99 55.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

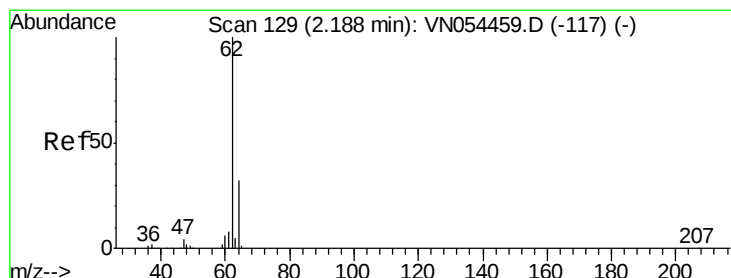
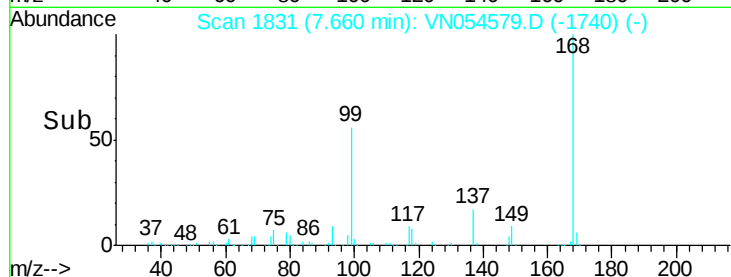
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.73 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054579.D

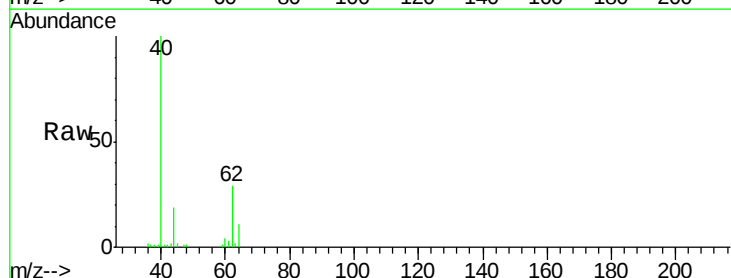
Acq: 23 Mar 2019 1:53

Tgt Ion: 62 Resp: 11932

Ion Ratio Lower Upper

62 100

64 36.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

8000

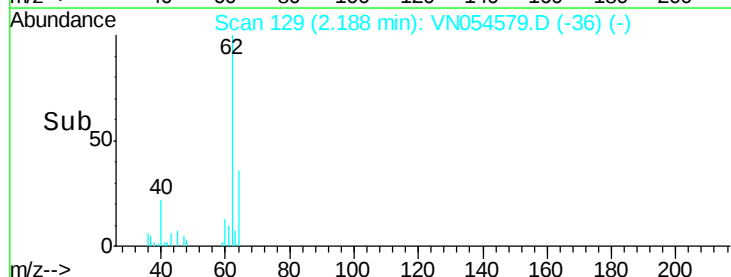
6000

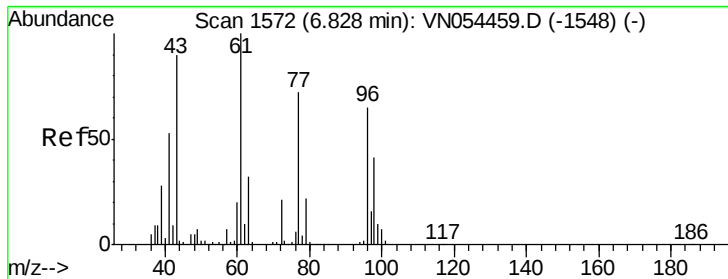
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 3.78 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054579.D

Acq: 23 Mar 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

WP022SB439-190318-(23-25)ME

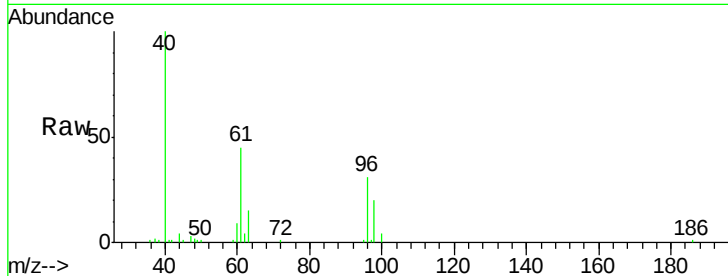
Tot Ion: 96 Resp: 23441

Ion Ratio Lower Upper

96 100

61 142.9 0.0 273.0

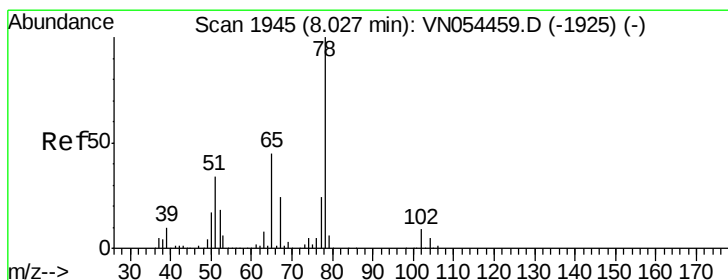
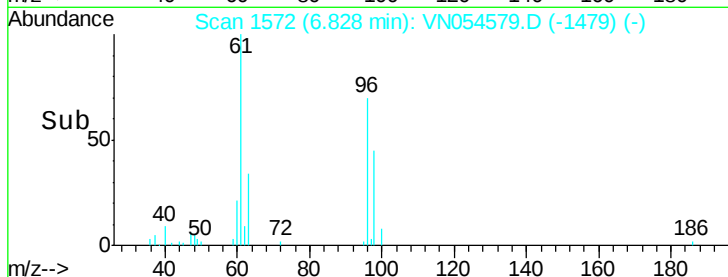
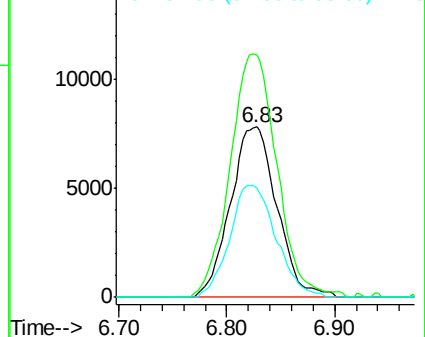
98 65.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN054579.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN054579.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN054579.D (-1479) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.77 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054579.D

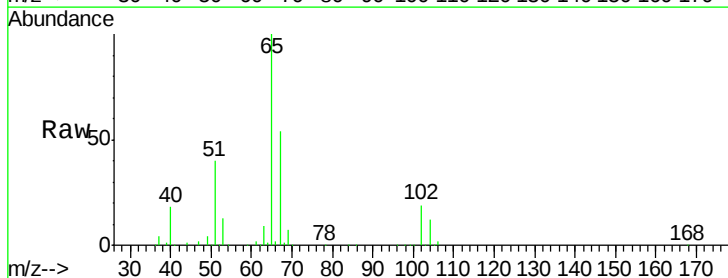
Acq: 23 Mar 2019 1:53

Tgt Ion: 65 Resp: 340225

Ion Ratio Lower Upper

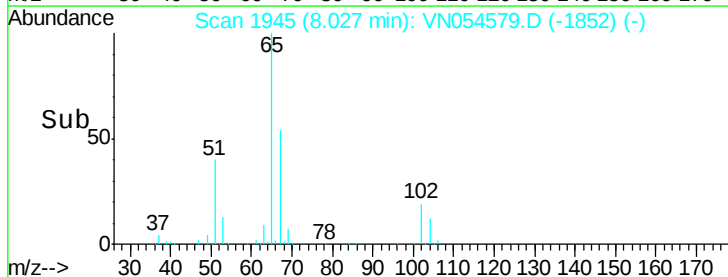
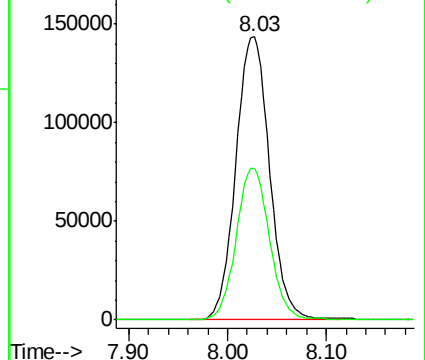
65 100

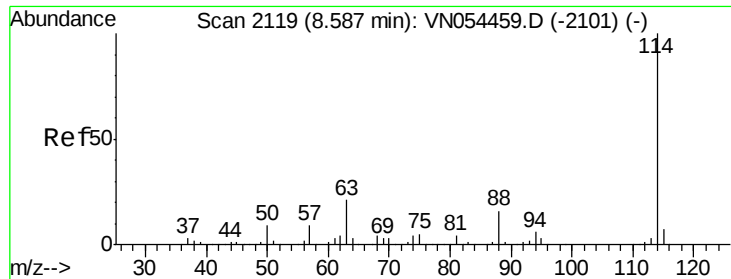
67 53.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054579.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054579.D (-1852) (-)

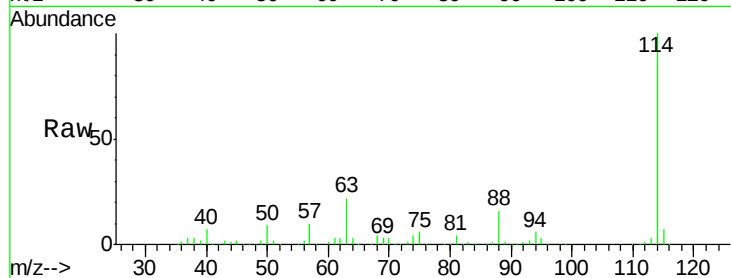




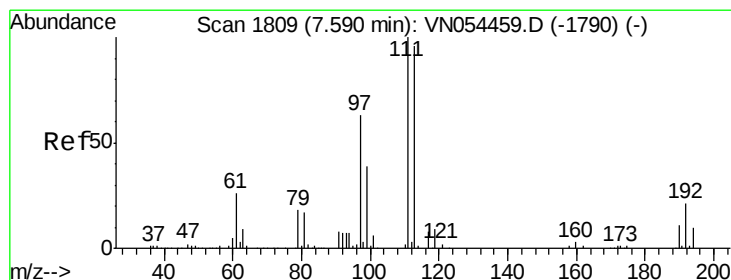
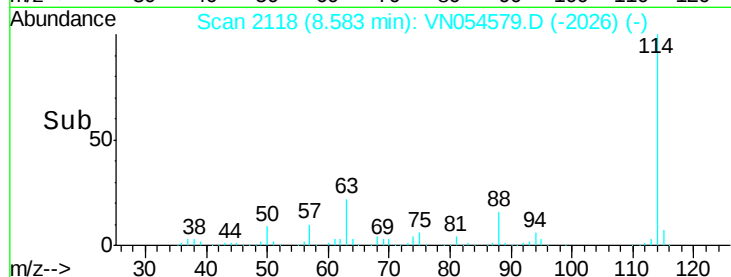
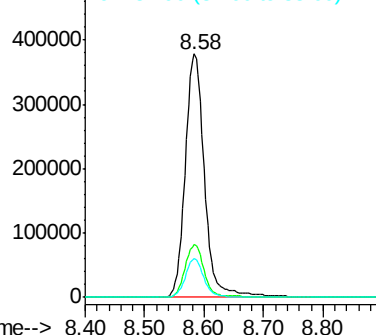
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054579.D
Acq: 23 Mar 2019 1:53

Instrument :
MSVOA_N
ClientSampleId :
WP022SB439-190318-(23-25)ME

Tot Ion:114 Resp: 850174
Ion Ratio Lower Upper
114 100
63 21.5 0.0 35.2
88 16.0 0.0 30.2

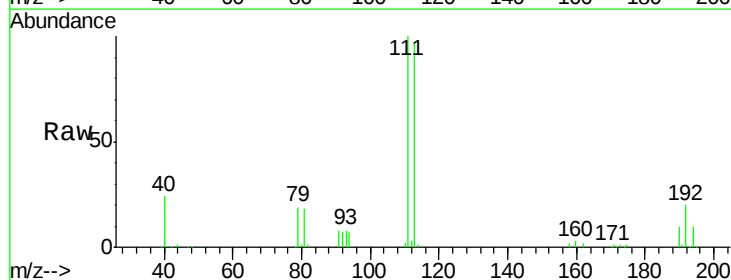


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

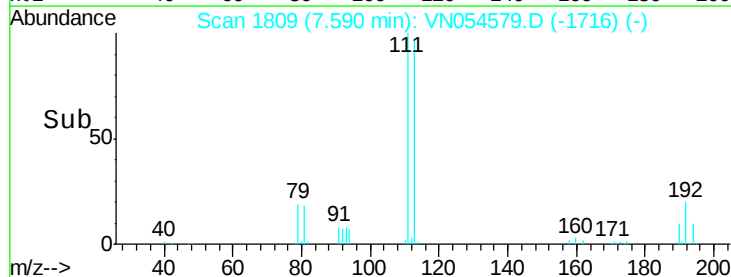
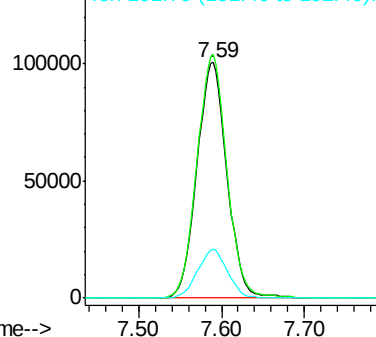


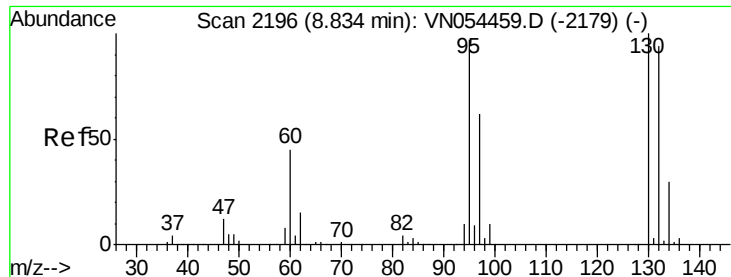
#35
Dibromofluoromethane
Concen: 46.06 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054579.D
Acq: 23 Mar 2019 1:53

Tgt Ion:113 Resp: 252293
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.6 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





#44

Trichloroethene

Concen: 0.57 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054579.D

Acq: 23 Mar 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

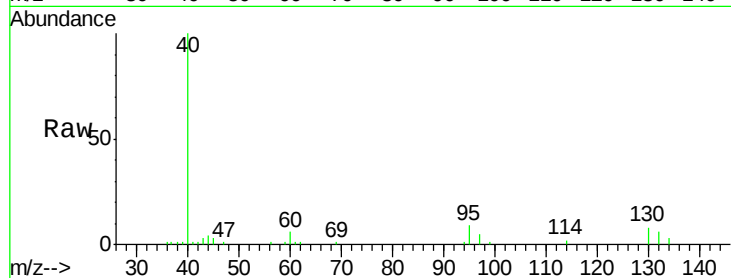
WP022SB439-190318-(23-25)ME

Tot Ion:130 Resp: 3578

Ion Ratio Lower Upper

130 100

95 106.2 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

2500

2000

1500

1000

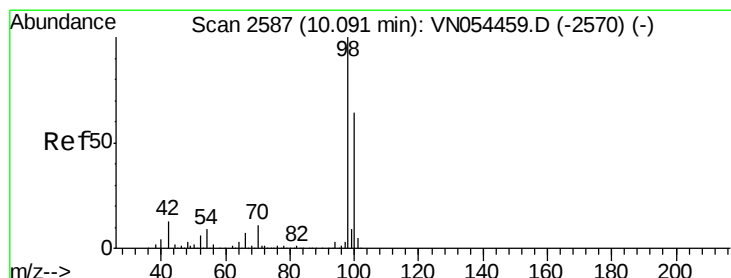
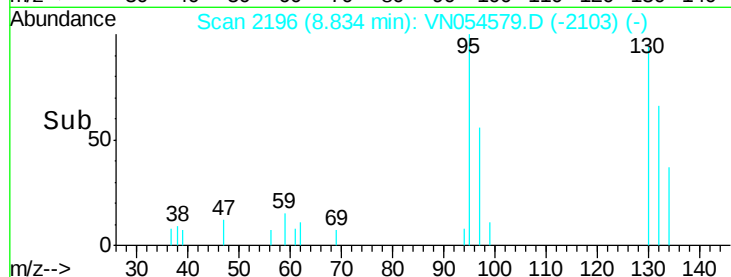
500

0

8.80 8.85 8.90

8.83

Time-->



#50

Toluene-d8

Concen: 49.48 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054579.D

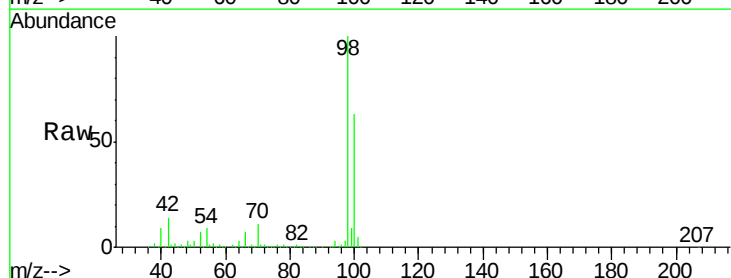
Acq: 23 Mar 2019 1:53

Tgt Ion: 98 Resp: 1018939

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

600000

500000

400000

300000

200000

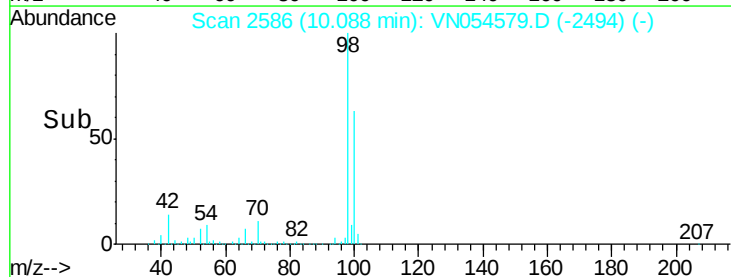
100000

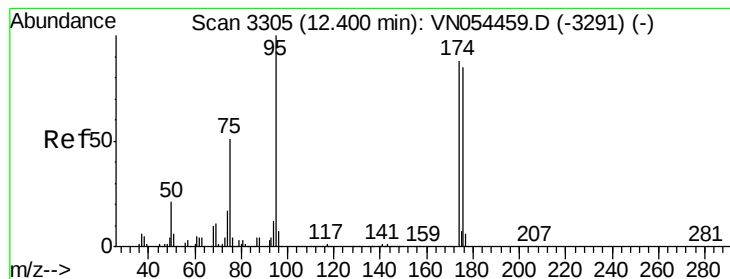
0

10.00 10.20

10.09

Time-->





#62

4-Bromofluorobenzene

Concen: 46.64 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054579.D

Acq: 23 Mar 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

WP022SB439-190318-(23-25)ME

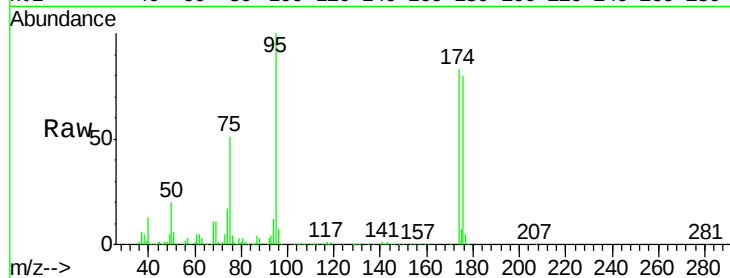
Tot Ion: 95 Resp: 326804

Ion Ratio Lower Upper

95 100

174 84.0 0.0 191.0

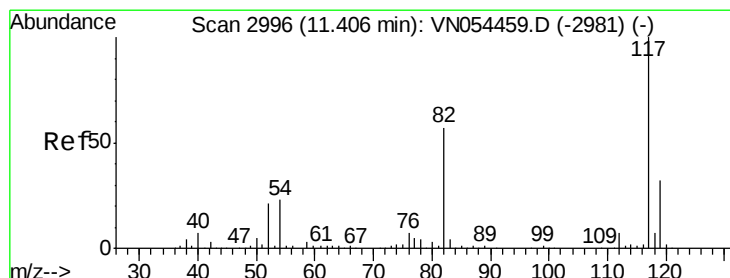
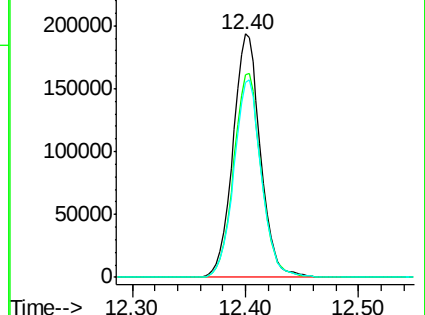
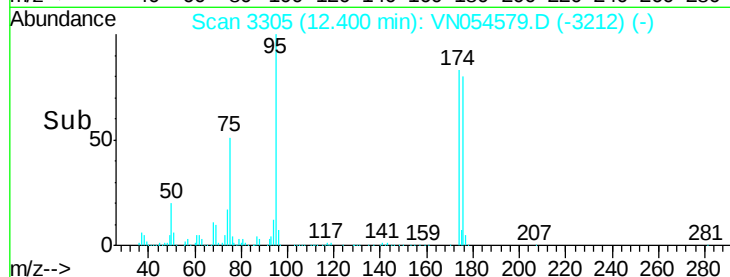
176 81.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054579.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054579.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054579.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054579.D

Acq: 23 Mar 2019 1:53

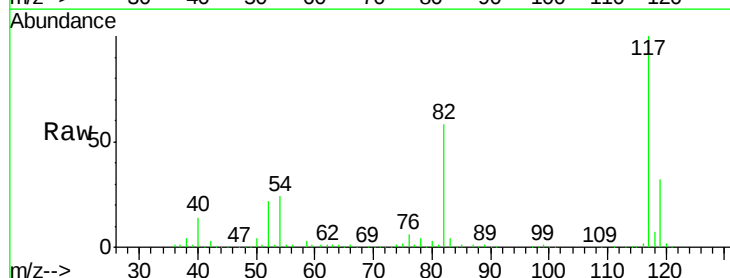
Tgt Ion: 117 Resp: 715879

Ion Ratio Lower Upper

117 100

82 57.6 40.0 60.0

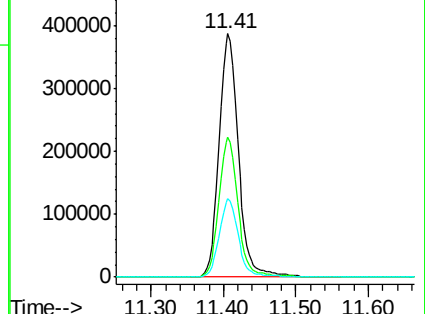
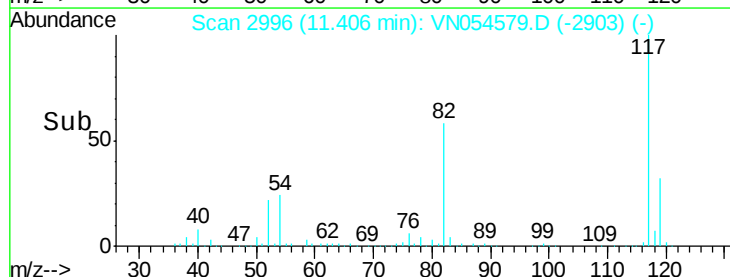
119 32.3 25.8 38.6

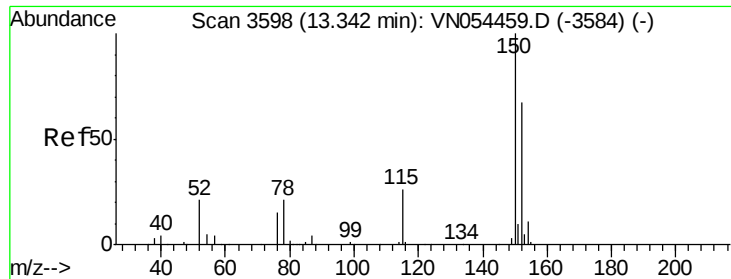


Abundance Ion 116.90 (116.60 to 117.60): VN054579.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054579.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054579.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054579.D

Acq: 23 Mar 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

WP022SB439-190318-(23-25)ME

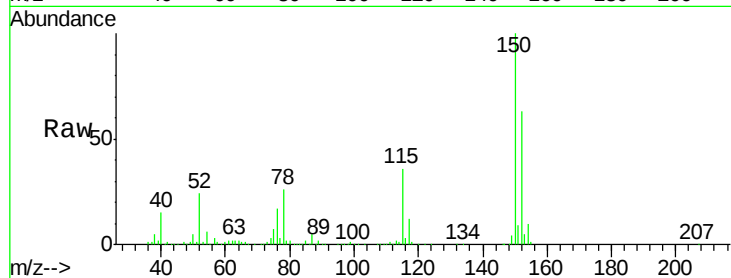
Tot Ion:152 Resp: 291747

Ion Ratio Lower Upper

152 100

115 57.1 27.2 81.6

150 157.4 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

