

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055547.D
 Acq On : 10 May 2019 13:12
 Operator : JC/SP
 Sample : K2758-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-19

Quant Time: May 11 13:29:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

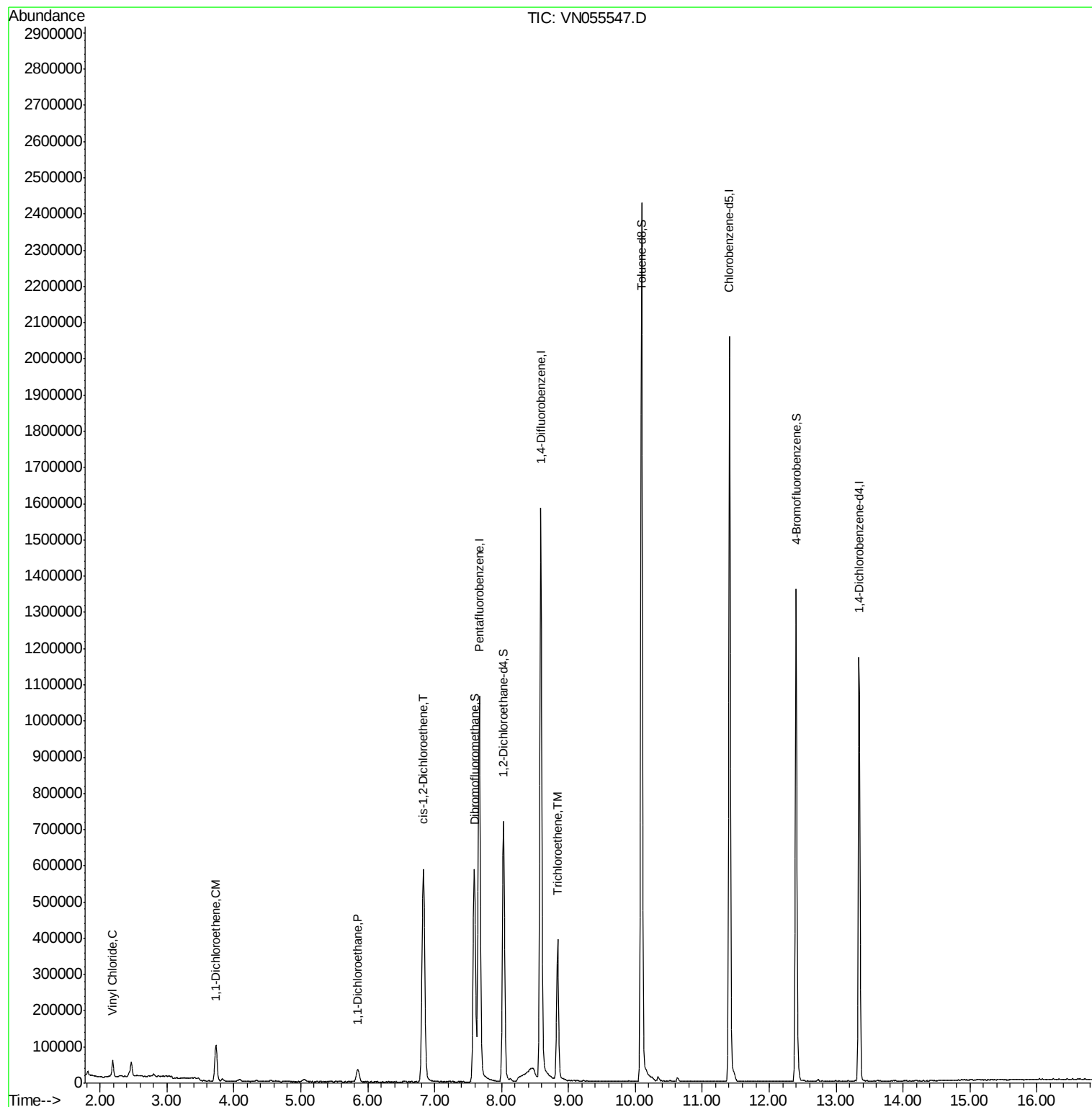
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	892214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1458679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1223764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	326180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	600980	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
35) Dibromofluoromethane	7.59	113	464572	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	10.09	98	1741986	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.40	95	502473	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.28%	
Target Compounds						
4) Vinyl Chloride	2.19	62	32376	2.324	ug/l	96
12) 1,1-Dichloroethene	3.73	96	51555	5.287	ug/l	97
24) 1,1-Dichloroethane	5.85	63	54509	2.488	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	391724	32.059	ug/l	90
44) Trichloroethene	8.83	130	144369	13.604	ug/l	95

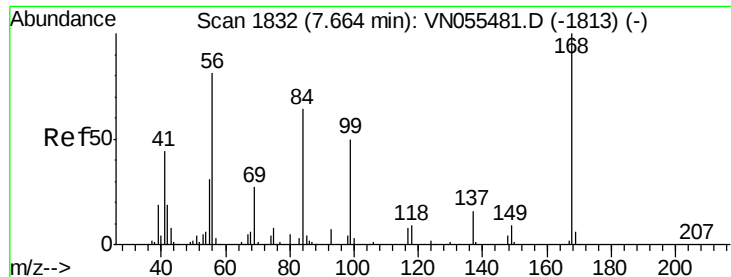
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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Acq On : 10 May 2019 13:12
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Quant Time: May 11 13:29:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

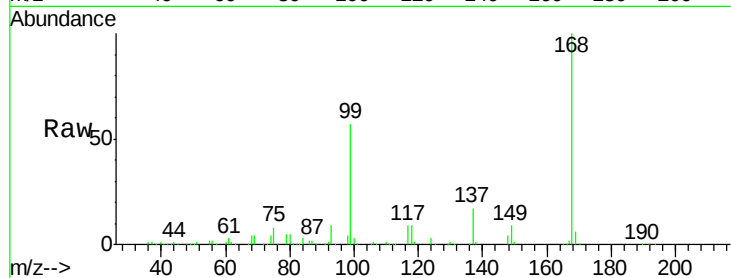
IW-19

Tot Ion:168 Resp: 892214

Ion Ratio Lower Upper

168 100

99 56.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

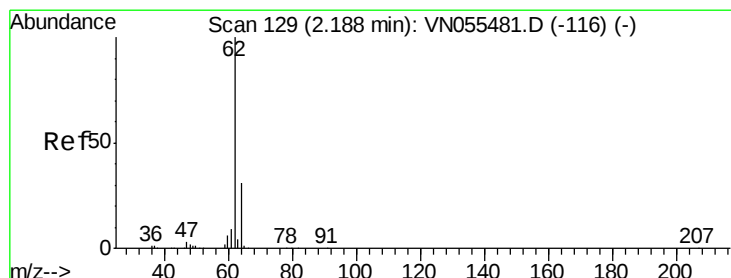
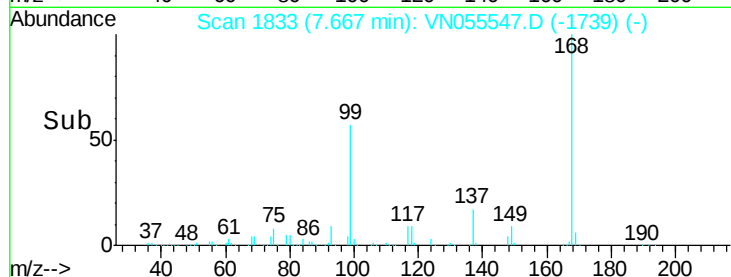
200000

100000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 2.324 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055547.D

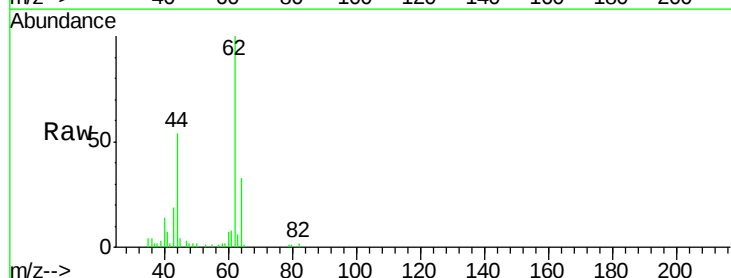
Acq: 10 May 2019 13:12

Tgt Ion: 62 Resp: 32376

Ion Ratio Lower Upper

62 100

64 33.4 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.19

25000

20000

15000

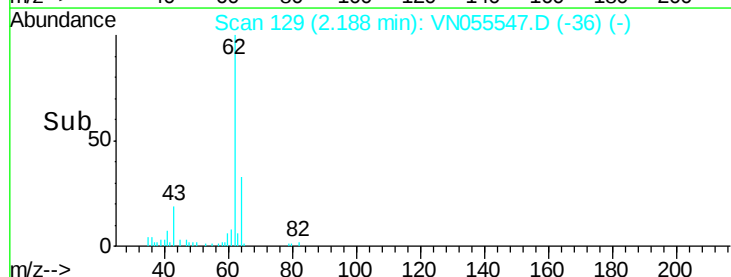
10000

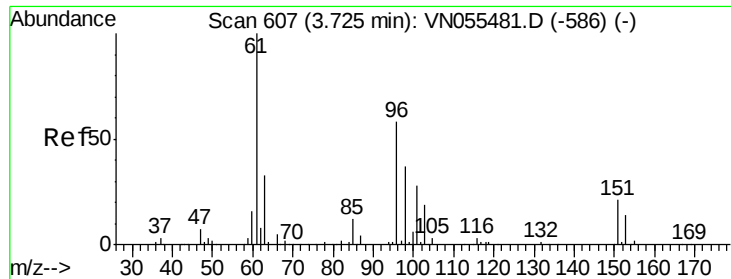
5000

0

2.15 2.20 2.25

Time-->





#12

1,1-Dichloroethene

Concen: 5.287 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

IW-19

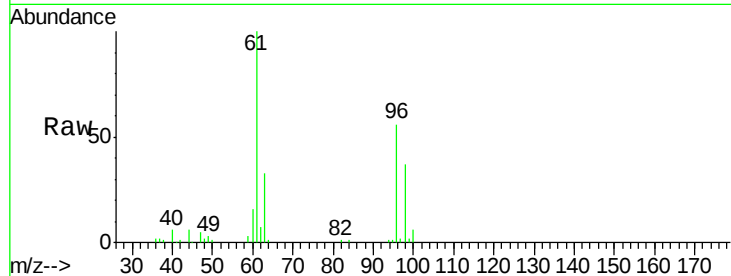
Tot Ion: 96 Resp: 51555

Ion Ratio Lower Upper

96 100

61 177.3 138.7 208.1

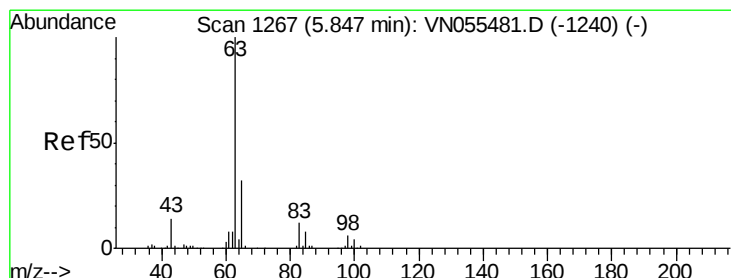
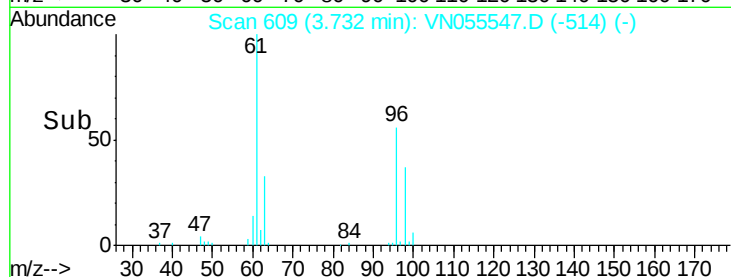
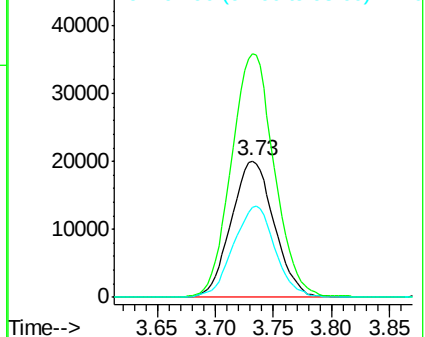
98 65.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#24

1,1-Dichloroethane

Concen: 2.488 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

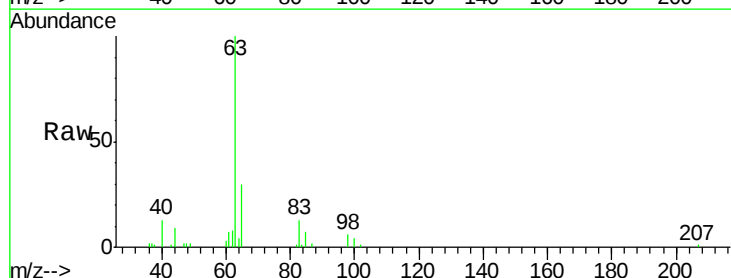
Tgt Ion: 63 Resp: 54509

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

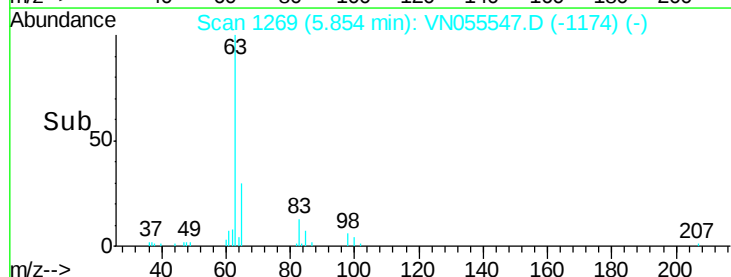
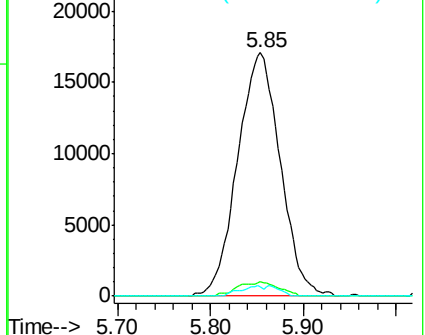
100 3.7 1.9 5.7

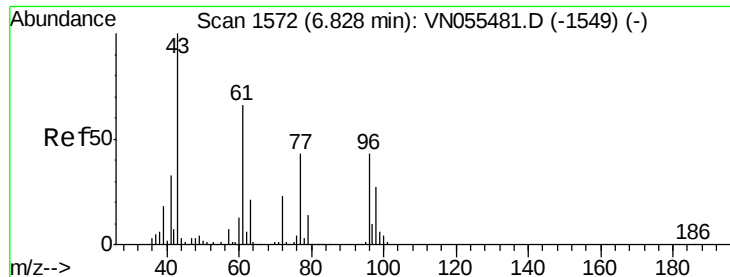


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 32.059 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

IW-19

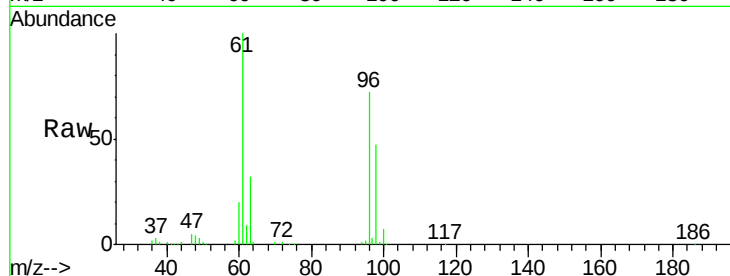
Tot Ion: 96 Resp: 391724

Ion Ratio Lower Upper

96 100

61 137.8 0.0 310.8

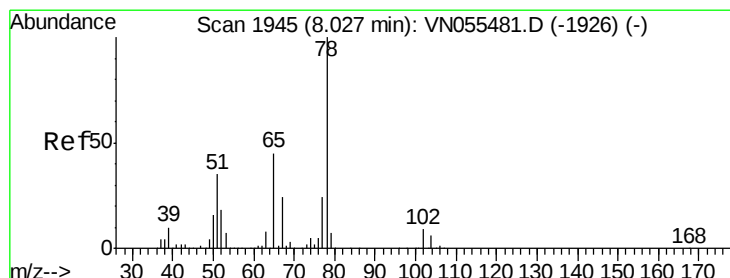
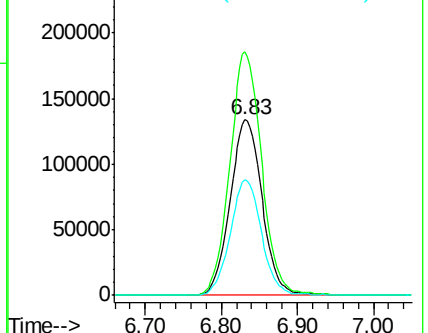
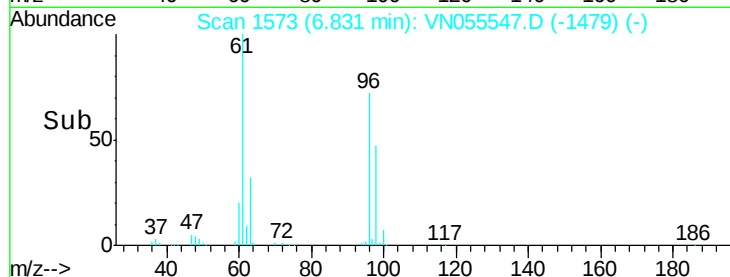
98 64.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN055547.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN055547.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN055547.D (-1479) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.737 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055547.D

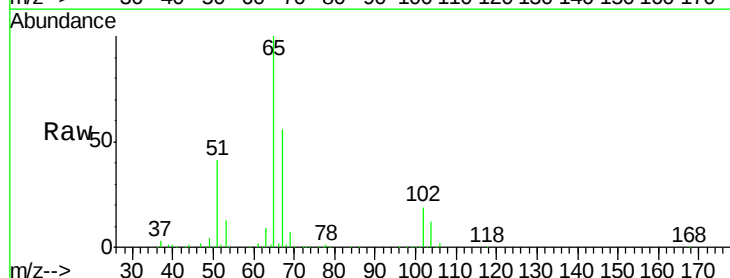
Acq: 10 May 2019 13:12

Tgt Ion: 65 Resp: 600980

Ion Ratio Lower Upper

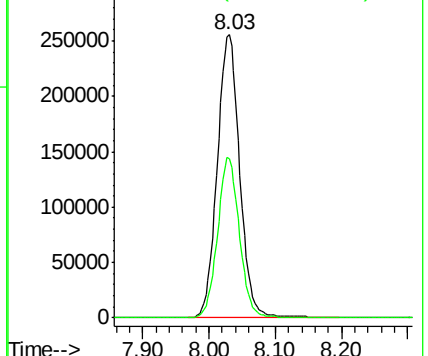
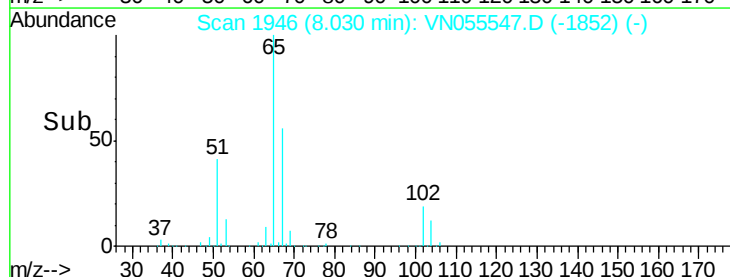
65 100

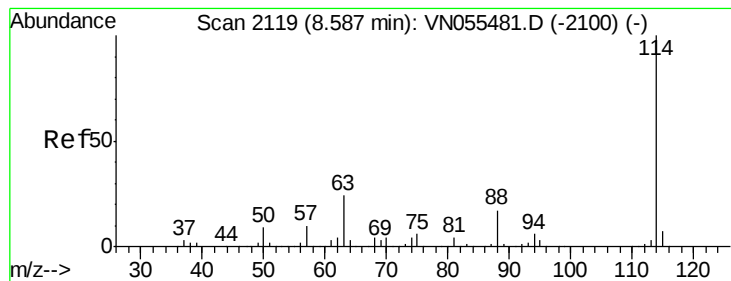
67 54.8 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN055547.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055547.D (-1852) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

IW-19

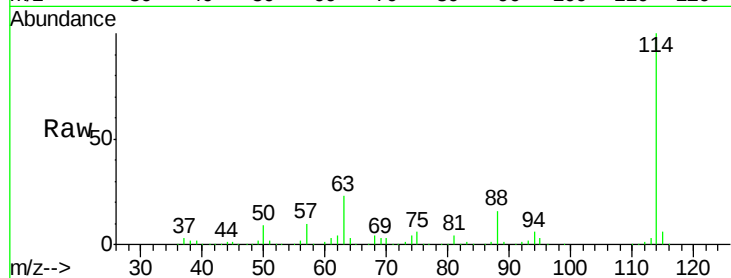
Tot Ion:114 Resp: 1458679

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

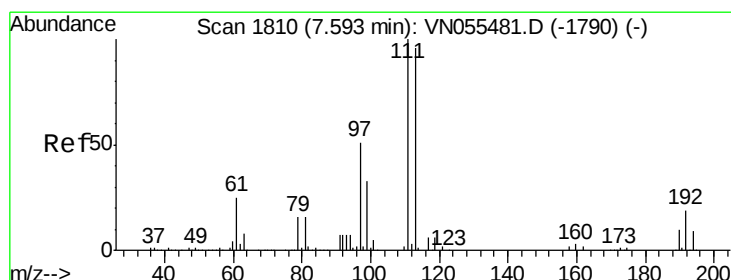
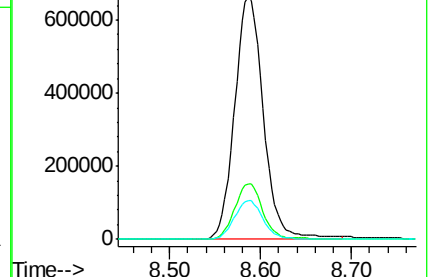
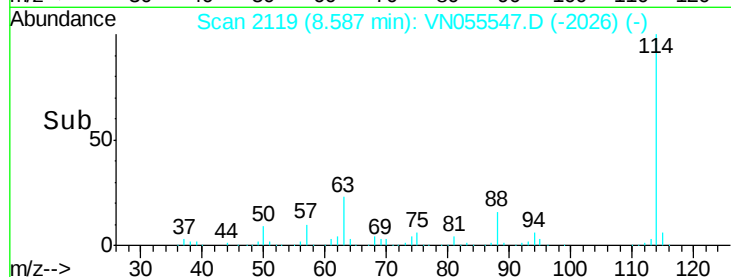
88 15.9 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.372 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

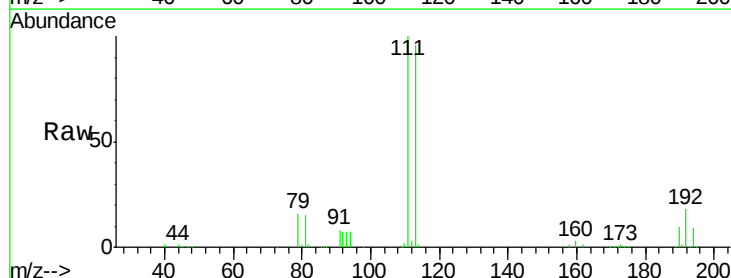
Tgt Ion:113 Resp: 464572

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

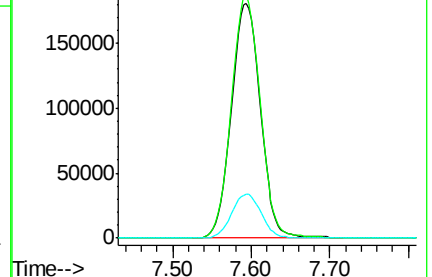
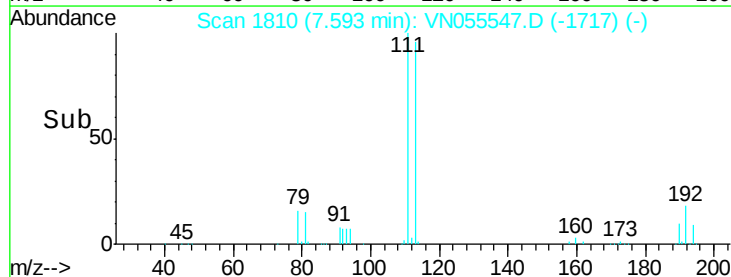
192 19.1 15.6 23.4

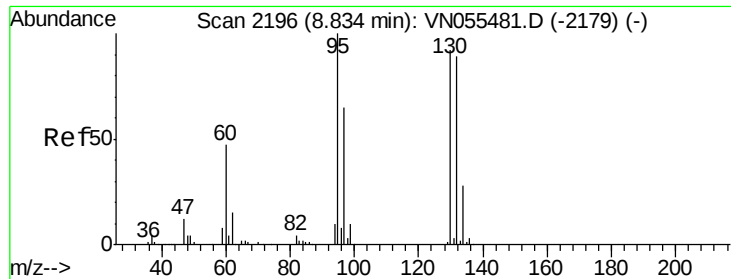


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 13.604 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

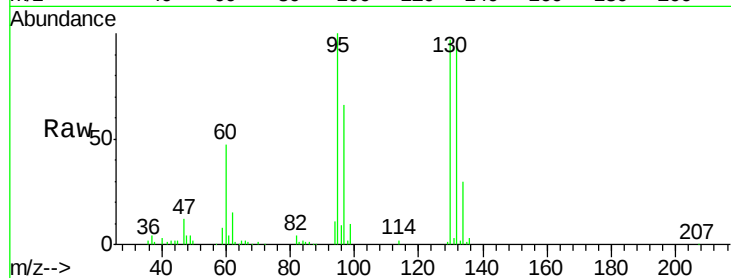
IW-19

Tot Ion:130 Resp: 144369

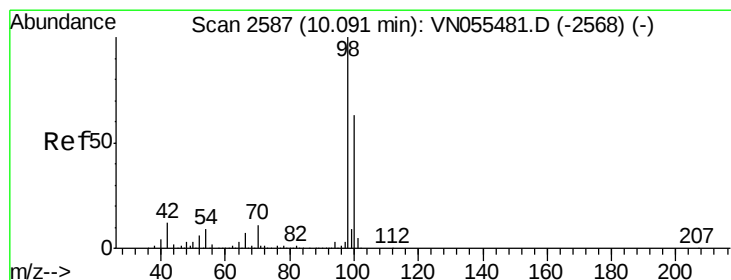
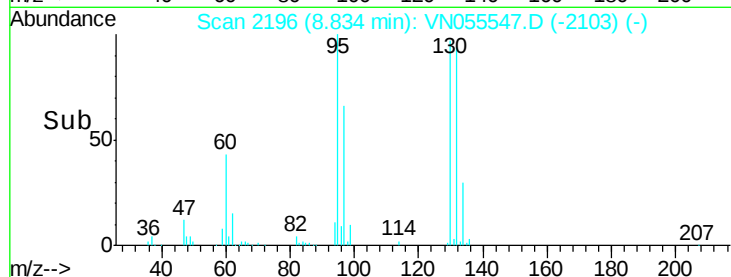
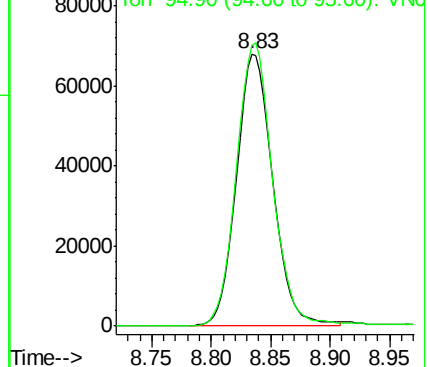
Ion Ratio Lower Upper

130 100

95 103.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055547.D (-2103) (-)



#50

Toluene-d8

Concen: 47.506 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055547.D

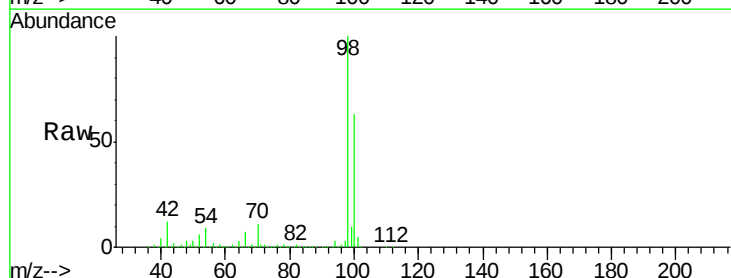
Acq: 10 May 2019 13:12

Tgt Ion: 98 Resp: 1741986

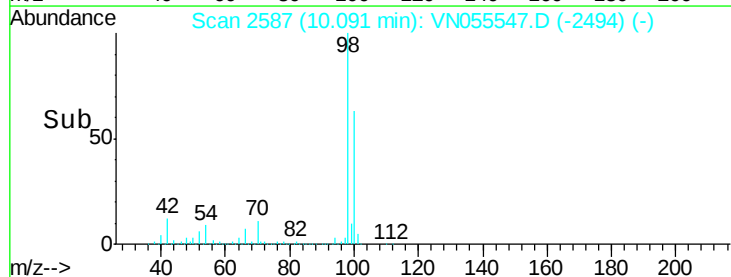
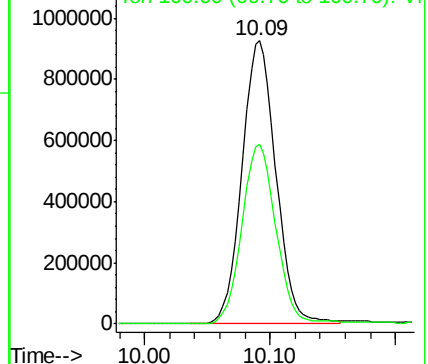
Ion Ratio Lower Upper

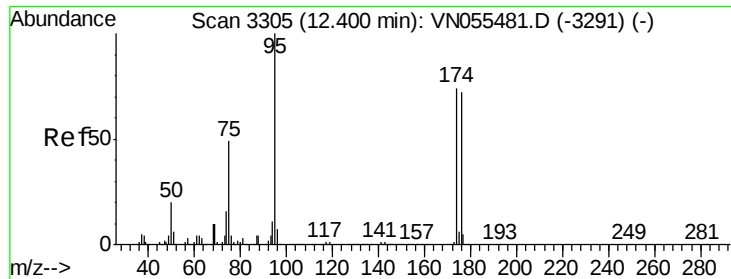
98 100

100 64.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055547.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 40.640 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

IW-19

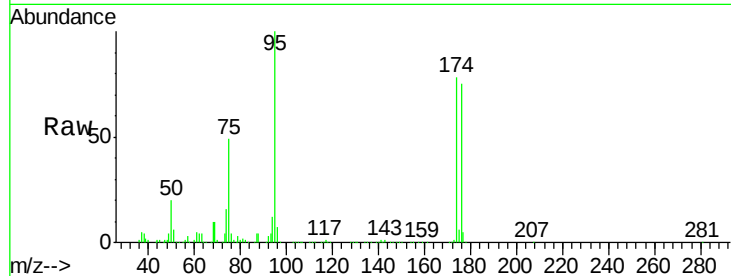
Tot Ion: 95 Resp: 502473

Ion Ratio Lower Upper

95 100

174 79.1 0.0 152.2

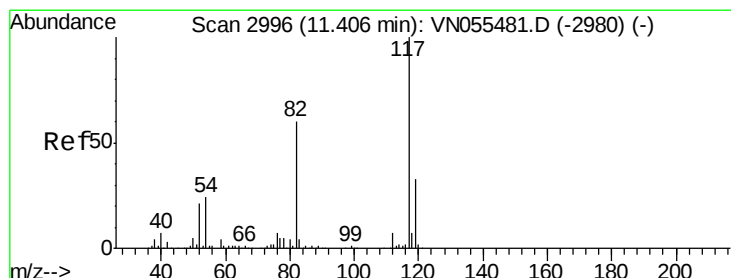
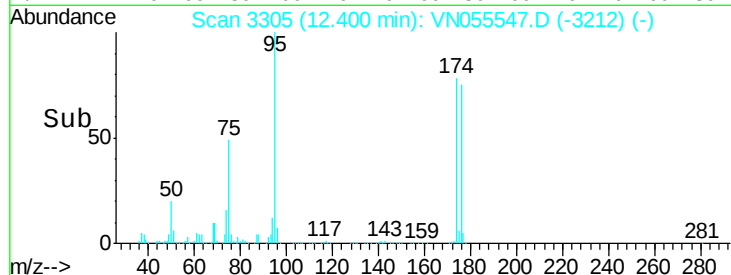
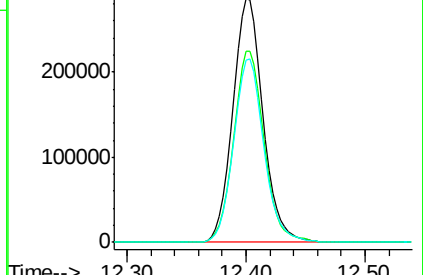
176 75.6 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

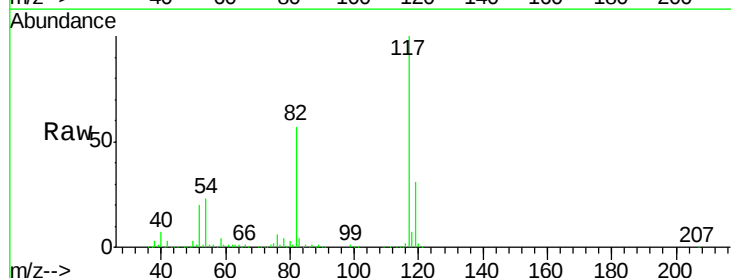
Tgt Ion: 117 Resp: 1223764

Ion Ratio Lower Upper

117 100

82 57.4 48.0 72.0

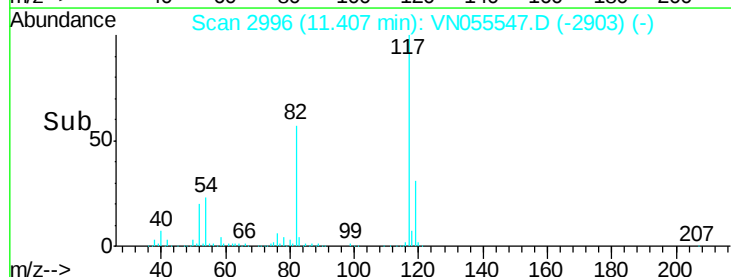
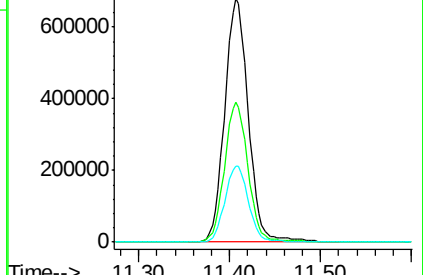
119 31.4 26.0 39.0

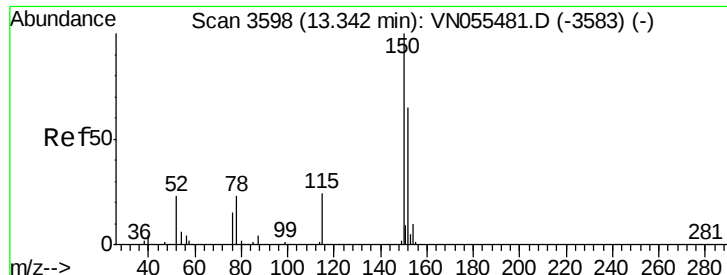


Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055547.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

IW-19

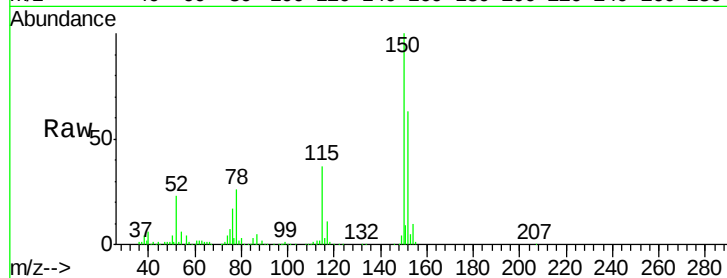
Tot Ion:152 Resp: 326180

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 158.3 0.0 355.0



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

