

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056191.D
 Acq On : 11 Jun 2019 1:24
 Operator : JC/SP
 Sample : K3223-02DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW014-190605DL

Quant Time: Jun 11 06:46:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

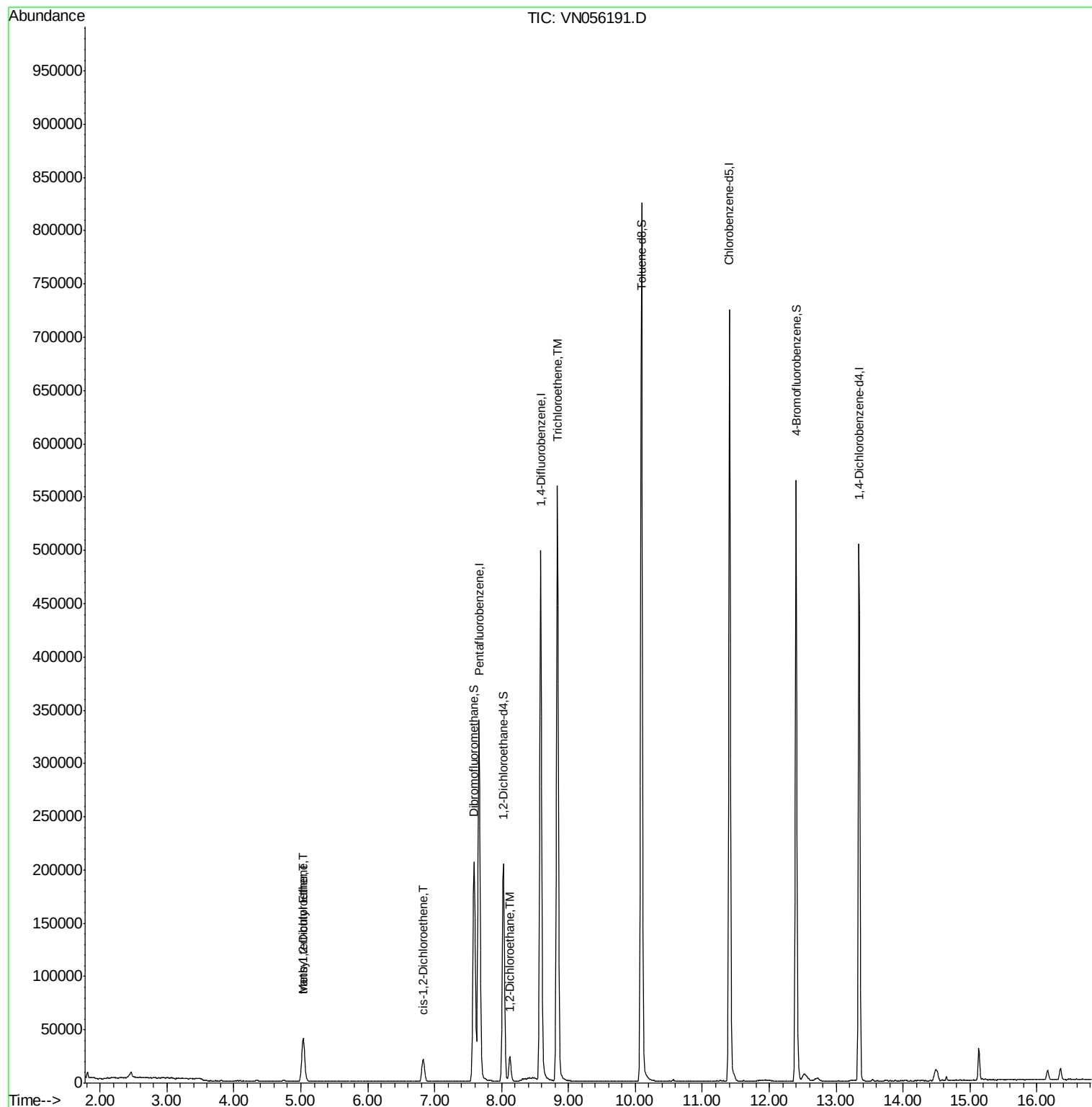
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	319708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	486211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	168702	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
35) Dibromofluoromethane	7.59	113	158995	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
50) Toluene-d8	10.09	98	630360	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.40	95	199134	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
Target Compounds						
19) Methyl tert-butyl Ether	5.04	73	6164	0.721	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	27959	9.723	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	15804	4.675	ug/l	86
42) 1,2-Dichloroethane	8.12	62	22394	5.483	ug/l	98
44) Trichloroethene	8.83	130	231582	63.470	ug/l	99

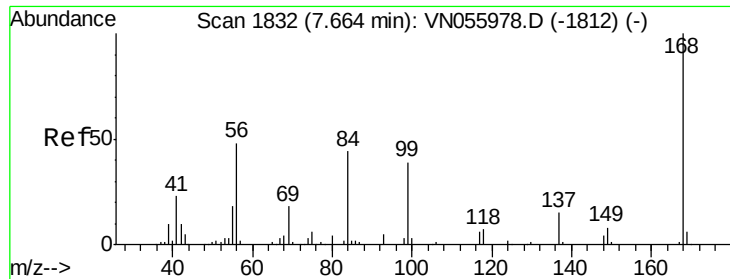
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056191.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056191.D

Acq: 11 Jun 2019 1:24

Instrument :

MSVOA_N

ClientSampleId :

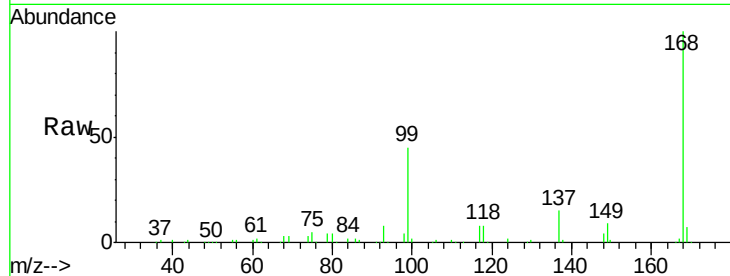
SS043MW014-190605DL

Tot Ion:168 Resp: 319708

Ion Ratio Lower Upper

168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

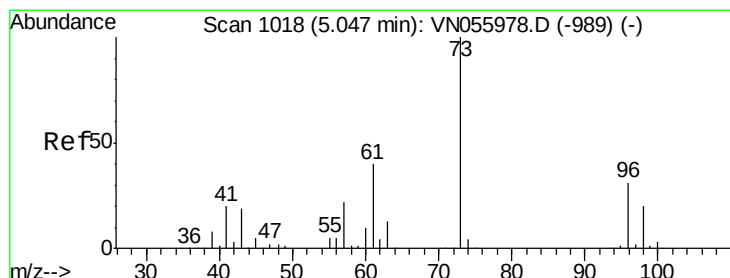
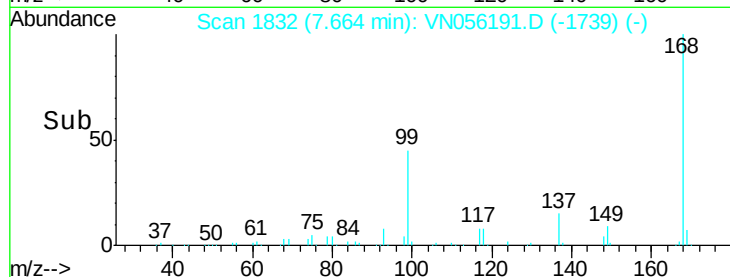
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.721 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN056191.D

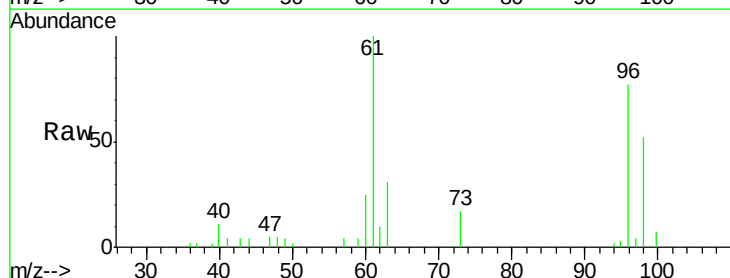
Acq: 11 Jun 2019 1:24

Tgt Ion: 73 Resp: 6164

Ion Ratio Lower Upper

73 100

57 21.9 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN

5.04

2000

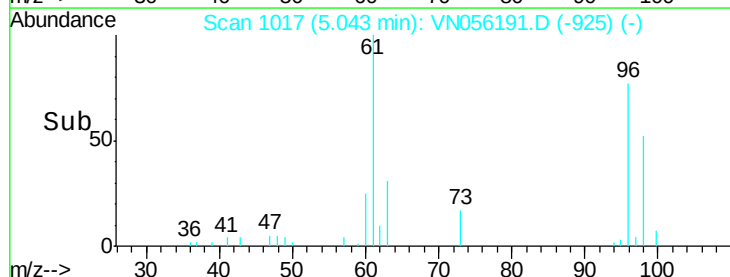
1500

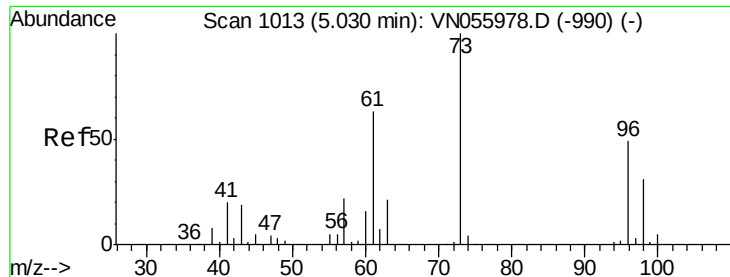
1000

500

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 9.723 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN056191.D

Acq: 11 Jun 2019 1:24

Instrument :

MSVOA_N

ClientSampleId :

SS043MW014-190605DL

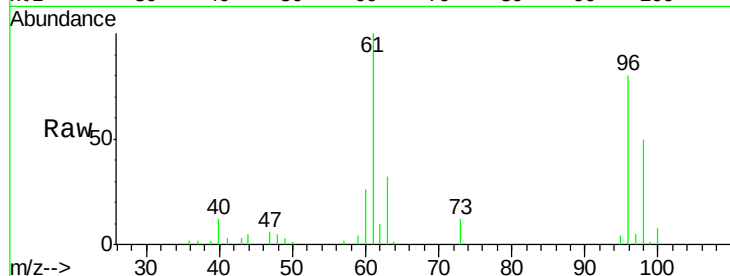
Tot Ion: 96 Resp: 27959

Ion Ratio Lower Upper

96 100

61 124.7 107.8 161.8

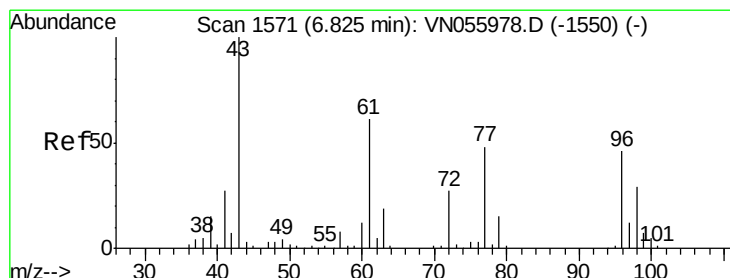
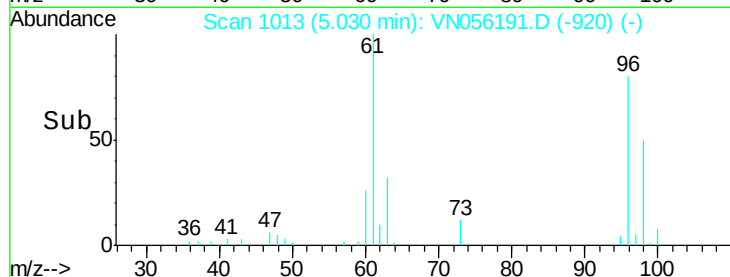
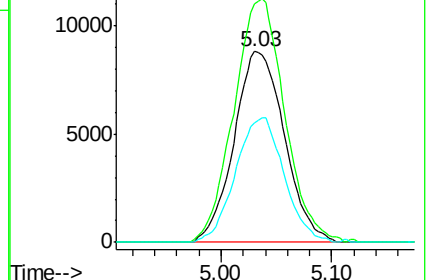
98 62.8 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-990) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-990) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-990) (-)



#27

cis-1,2-Dichloroethene

Concen: 4.675 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056191.D

Acq: 11 Jun 2019 1:24

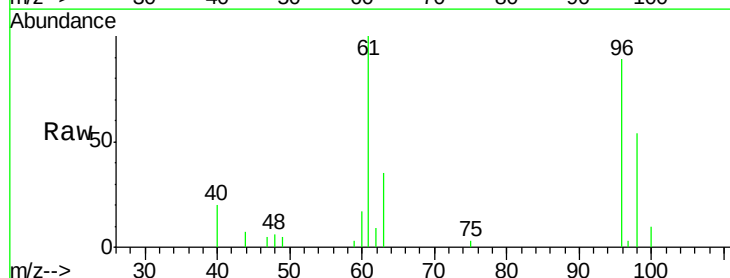
Tgt Ion: 96 Resp: 15804

Ion Ratio Lower Upper

96 100

61 115.8 0.0 275.8

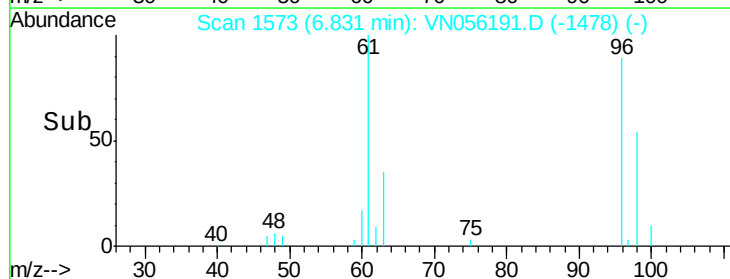
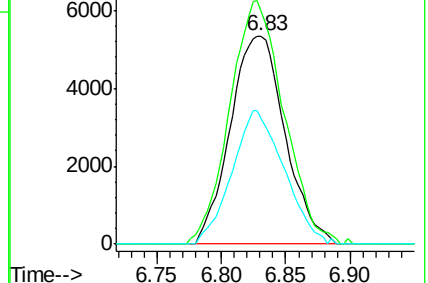
98 61.0 0.0 128.4

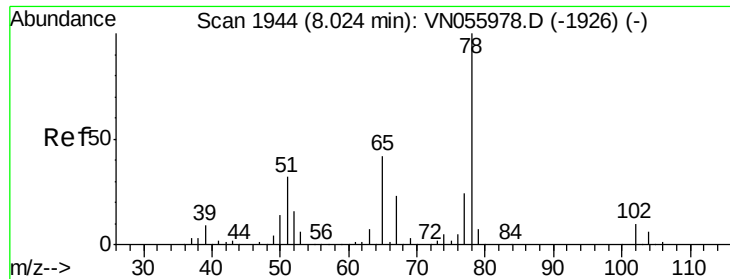


Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)

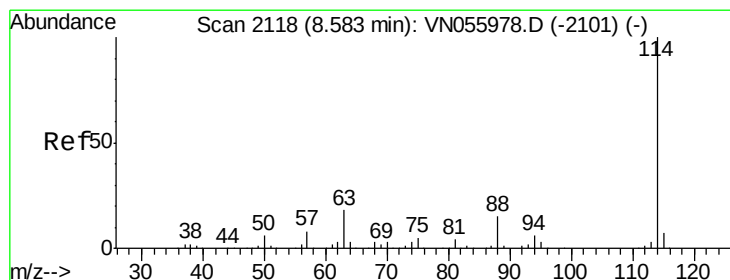
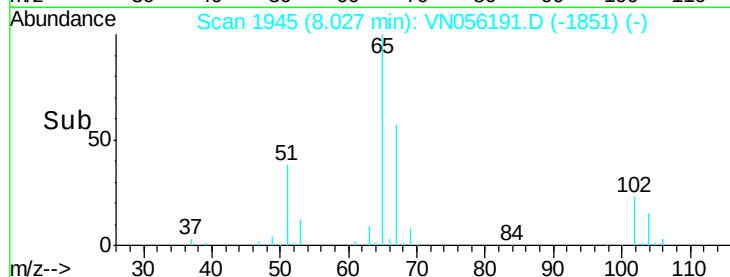
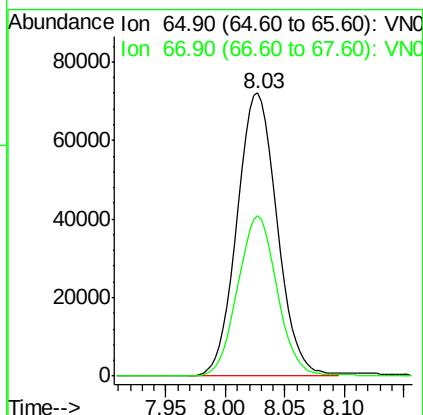
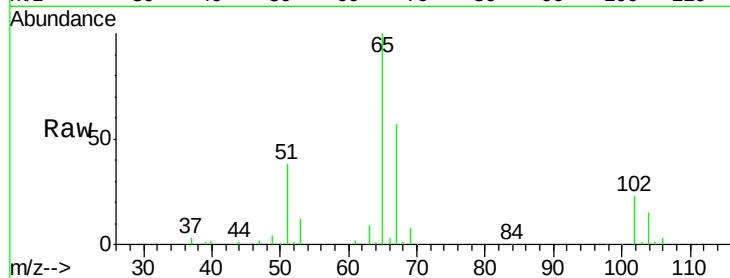




#33
 1,2-Dichloroethane-d4
 Concen: 53.144 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056191.D
 Acq: 11 Jun 2019 1:24

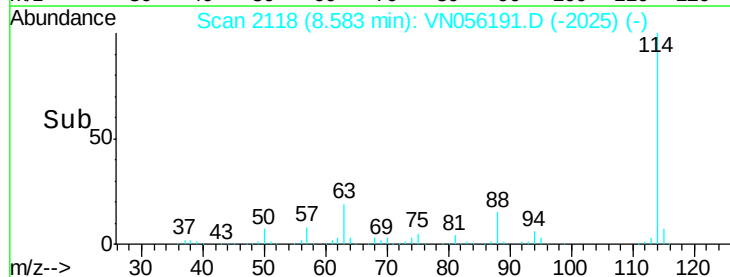
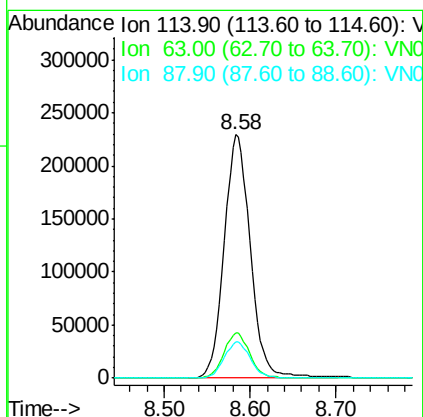
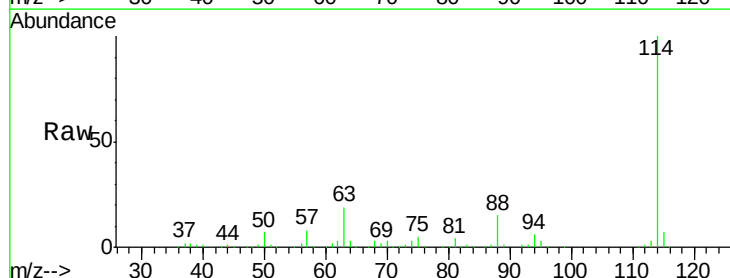
Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW014-190605DL

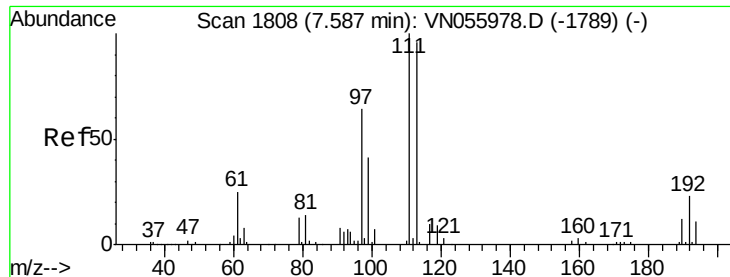
Tot Ion: 65 Resp: 168702
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056191.D
 Acq: 11 Jun 2019 1:24

Tgt Ion: 114 Resp: 486211
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.8 0.0 31.0

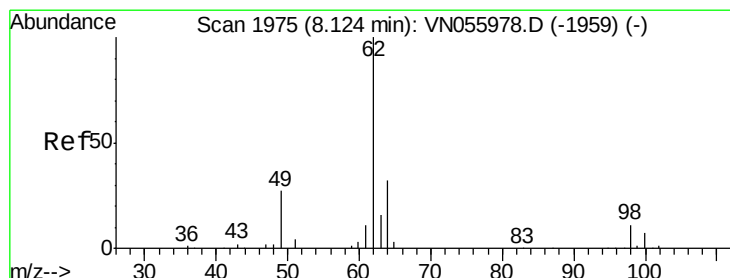
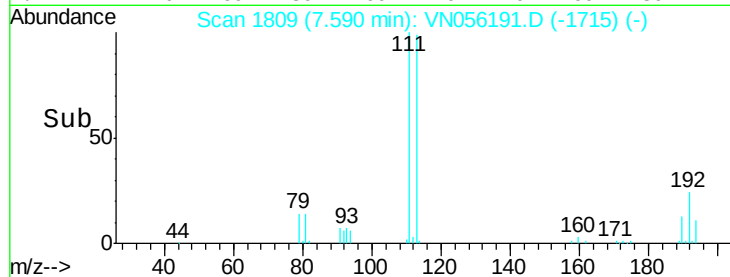
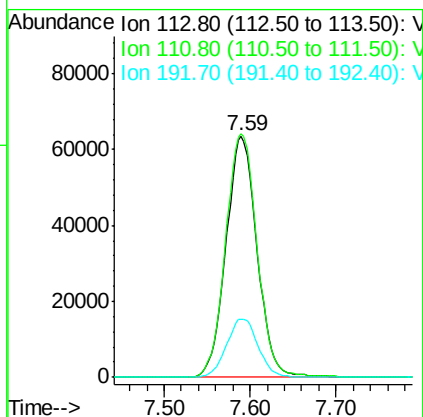
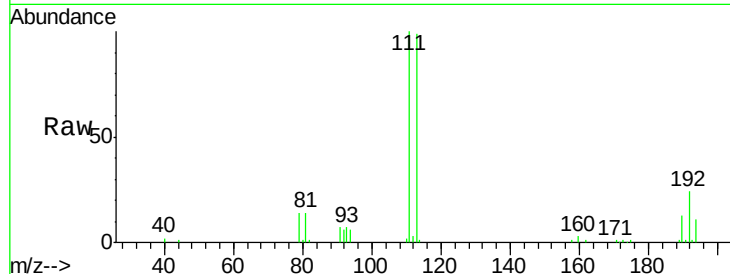




#35
 Dibromofluoromethane
 Concen: 53.299 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056191.D
 Acq: 11 Jun 2019 1:24

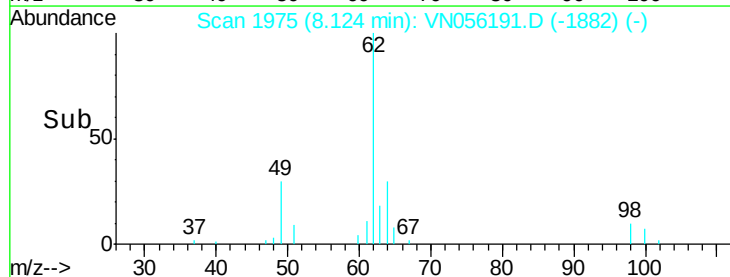
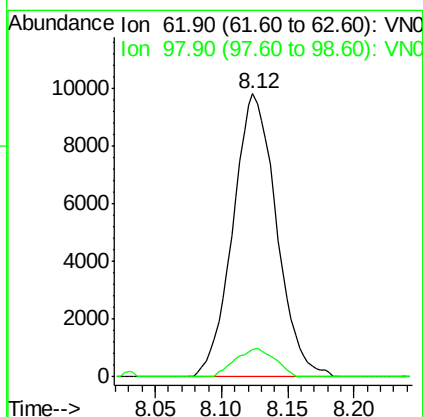
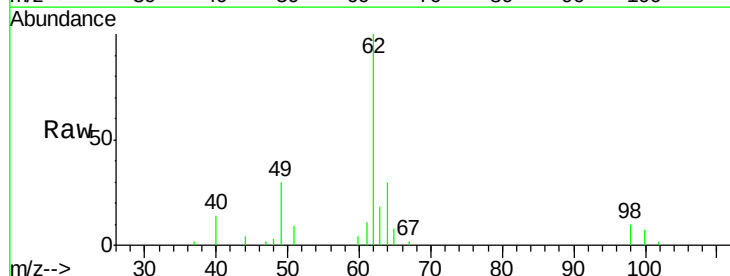
Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW014-190605DL

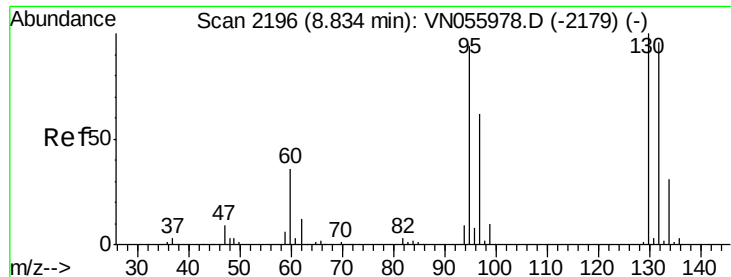
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	24.6	19.5	29.3



#42
 1,2-Dichloroethane
 Concen: 5.483 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN056191.D
 Acq: 11 Jun 2019 1:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#44

Trichloroethene

Concen: 63.470 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056191.D

Acq: 11 Jun 2019 1:24

Instrument :

MSVOA_N

ClientSampleId :

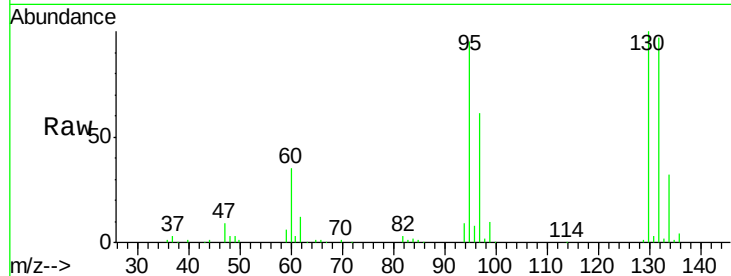
SS043MW014-190605DL

Tot Ion:130 Resp: 231582

Ion Ratio Lower Upper

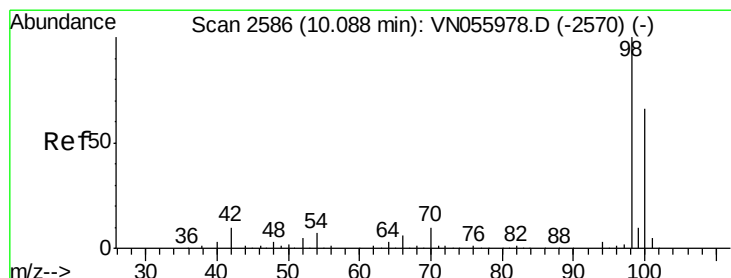
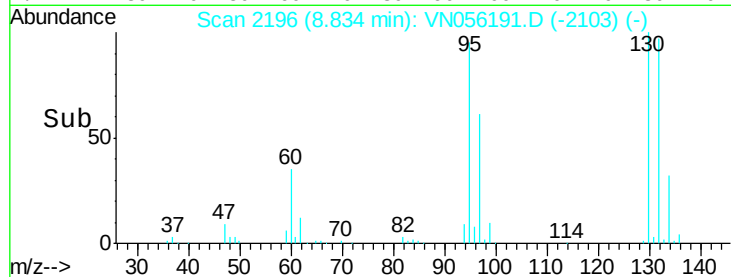
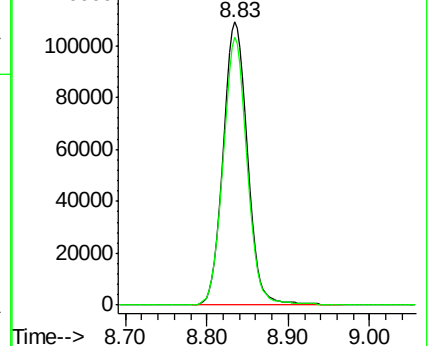
130 100

95 94.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 54.915 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056191.D

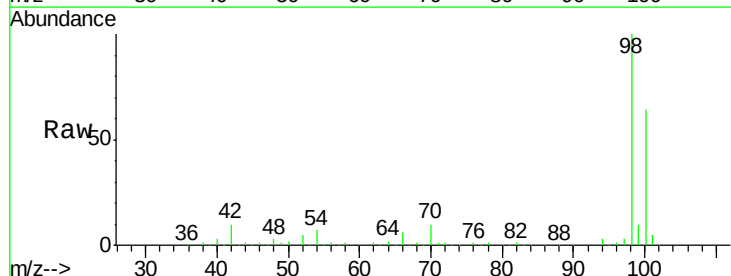
Acq: 11 Jun 2019 1:24

Tgt Ion: 98 Resp: 630360

Ion Ratio Lower Upper

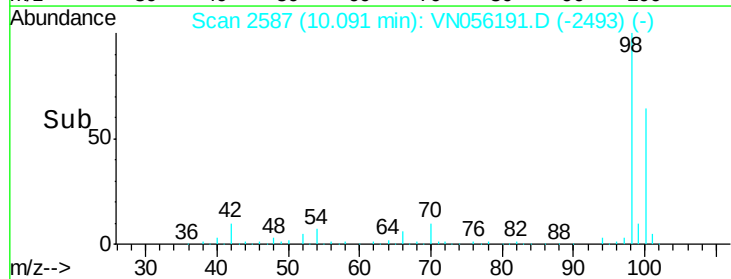
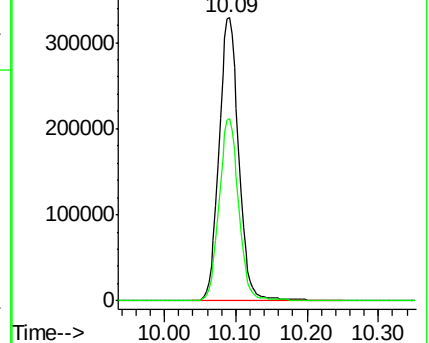
98 100

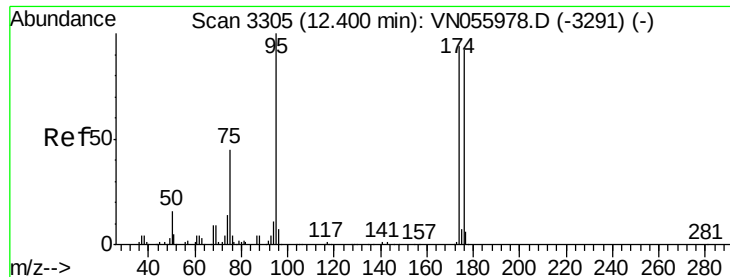
100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.012 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056191.D

Acq: 11 Jun 2019 1:24

Instrument :

MSVOA_N

ClientSampleId :

SS043MW014-190605DL

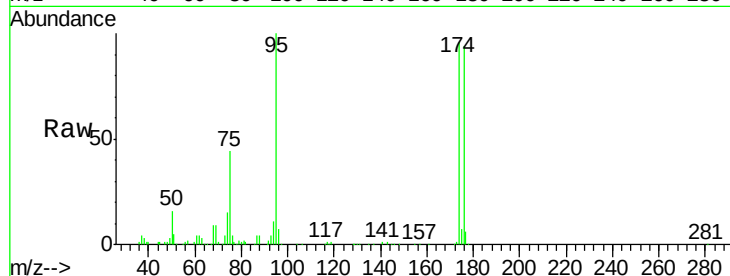
Tot Ion: 95 Resp: 199134

Ion Ratio Lower Upper

95 100

174 97.1 0.0 191.0

176 95.2 0.0 185.2

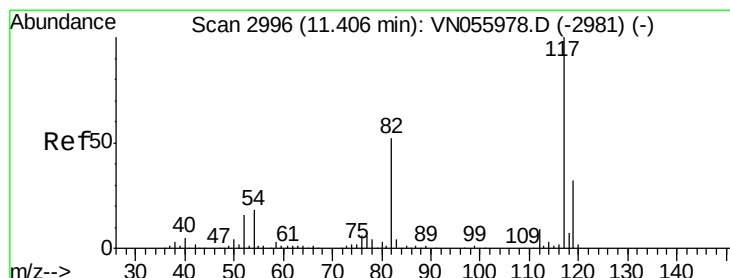
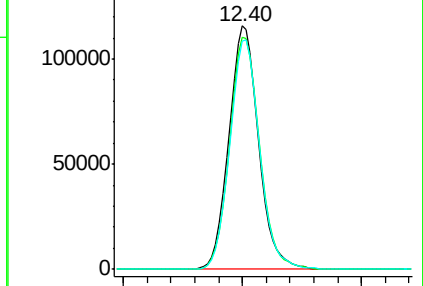
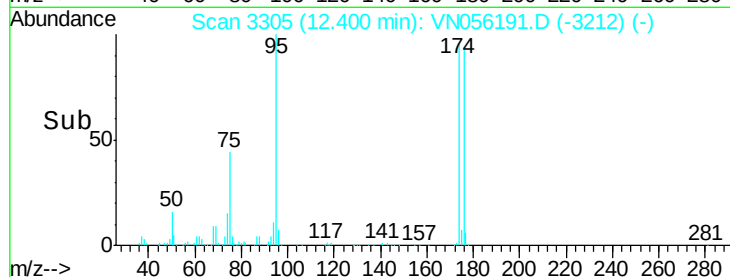


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056191.D

Acq: 11 Jun 2019 1:24

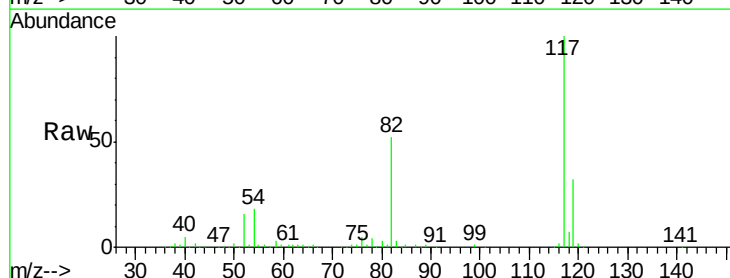
Tgt Ion: 117 Resp: 474474

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 31.7 25.4 38.0

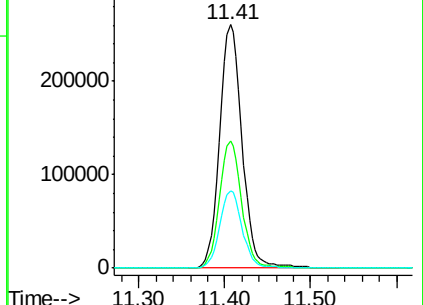
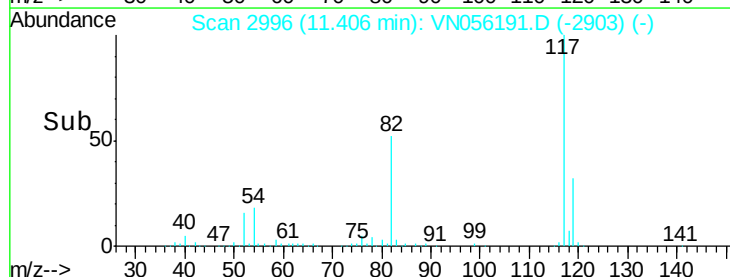


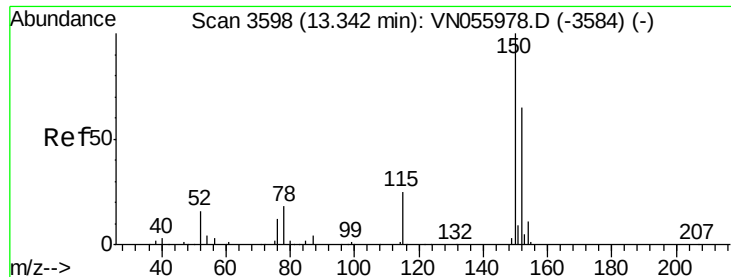
Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056191.D

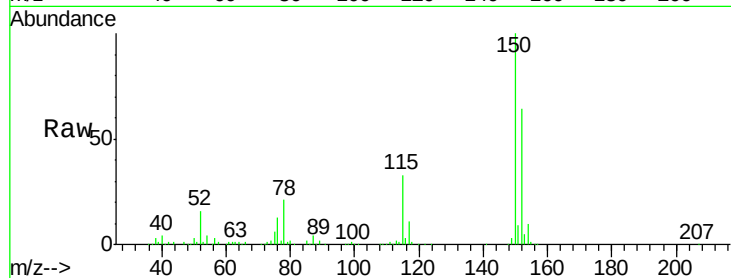
Acq: 11 Jun 2019 1:24

Instrument :

MSVOA_N

ClientSampleId :

SS043MW014-190605DL



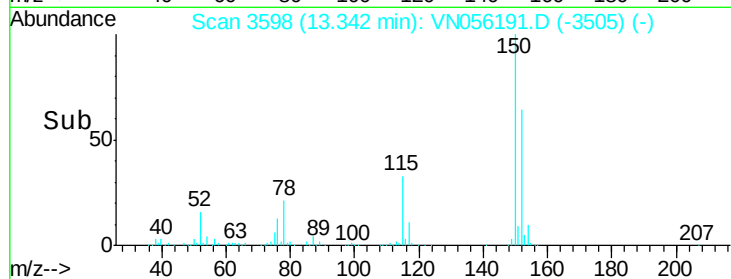
Tot Ion:152 Resp: 155152

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

150 157.7 0.0 343.2



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

