

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056219.D
 Acq On : 11 Jun 2019 13:31
 Operator : JC/SP
 Sample : K3284-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW311S-20190609

Quant Time: Jun 12 06:33:34 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	299738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	454551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	446084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	161554	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	
35) Dibromofluoromethane	7.59	113	149459	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
50) Toluene-d8	10.09	98	590131	54.99	ug/l	0.00
Spiked Amount			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.40	95	177397	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

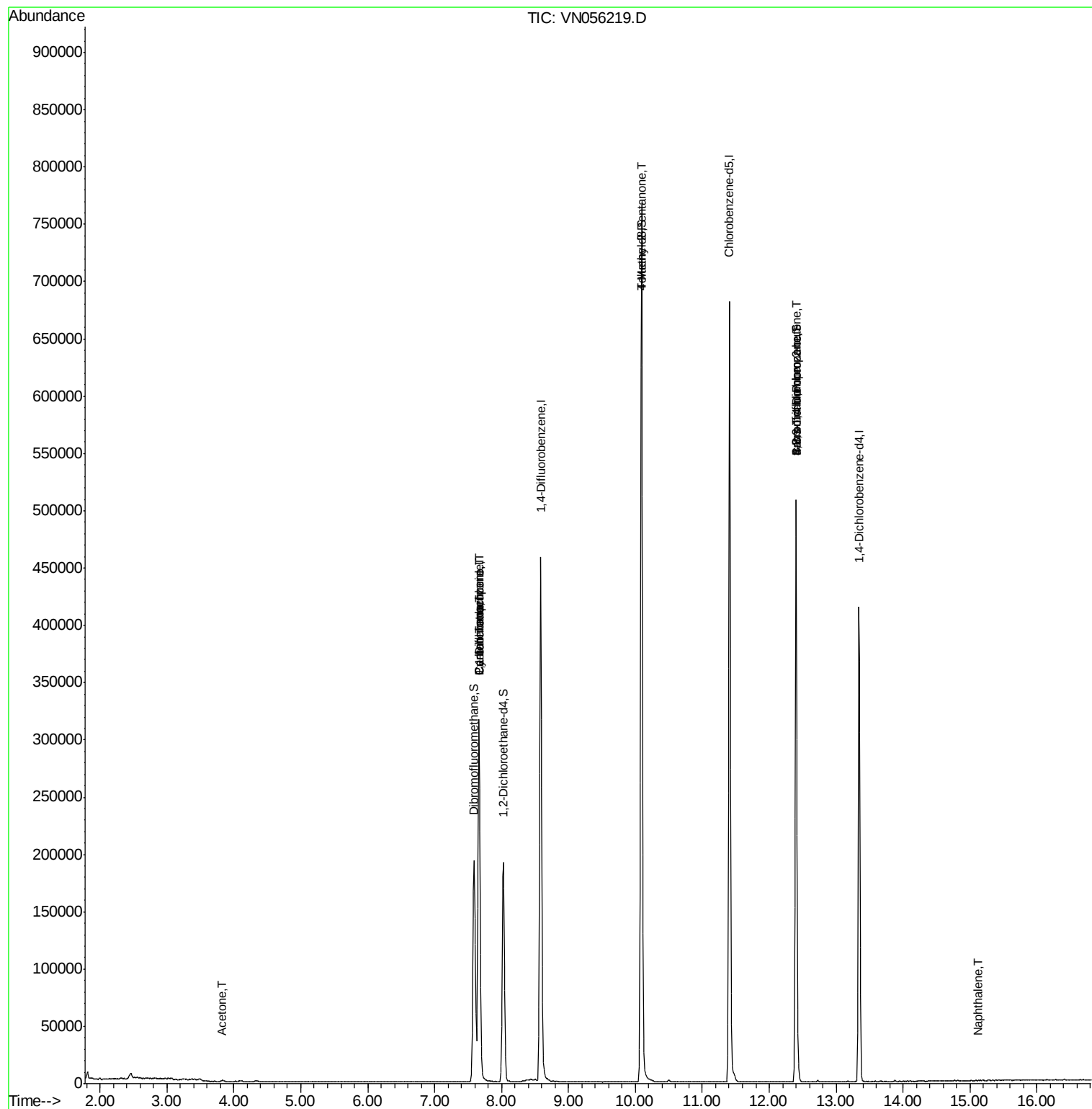
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	1848	1.298	ug/l	93
31) Cyclohexane	7.67	56	4185	0.886	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	16902	4.324	ug/l #	47
38) Carbon Tetrachloride	7.66	117	24725	6.862	ug/l #	15
51) 4-Methyl-2-Pentanone	10.09	43	2444	0.694	ug/l #	1
71) Bromoform	12.40	173	1032	3.121	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	81683	34.169	ug/l #	100
79) 2-Chlorotoluene	12.40	91	428	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	81683	113.788	ug/l #	15
95) Naphthalene	15.13	128	598	3.940	ug/l #	69

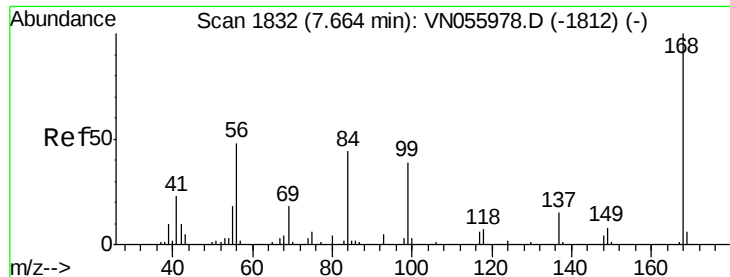
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061119\
Data File : VN056219.D
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BPS1-TT-MW311S-20190609

Quant Time: Jun 12 06:33:34 2019
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: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

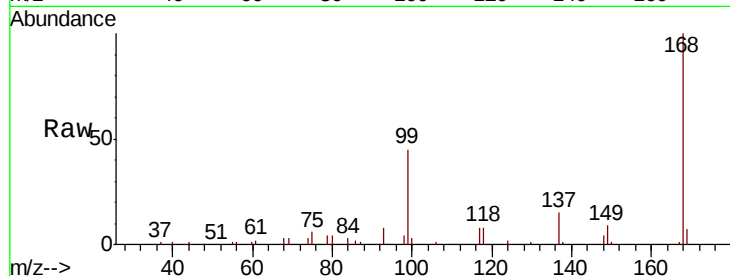
BPS1-TT-MW311S-20190609

Tot Ion:168 Resp: 299738

Ion Ratio Lower Upper

168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

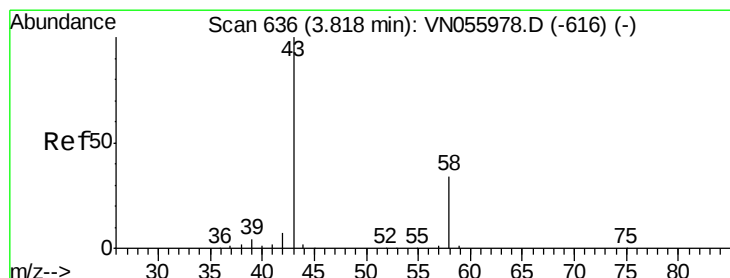
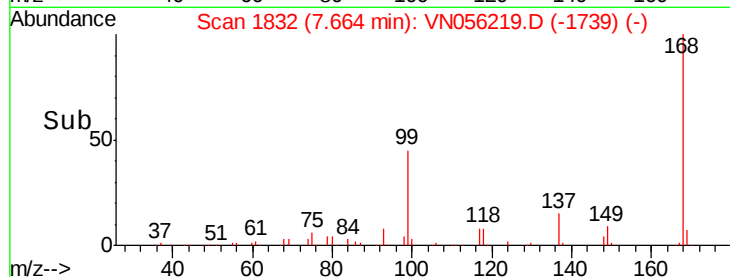
7.66

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 1.298 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN056219.D

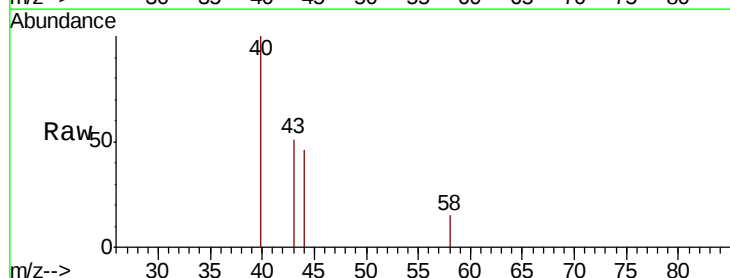
Acq: 11 Jun 2019 13:31

Tgt Ion: 43 Resp: 1848

Ion Ratio Lower Upper

43 100

58 29.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

800

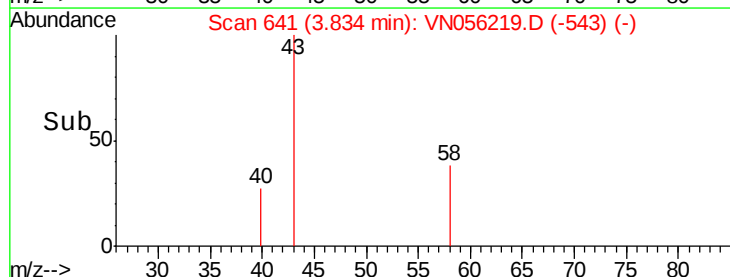
600

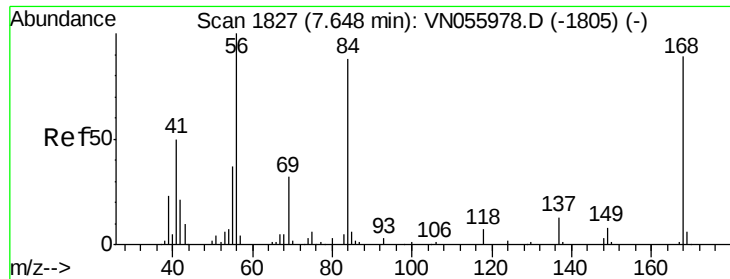
400

200

0

Time--> 3.75 3.80 3.85 3.90

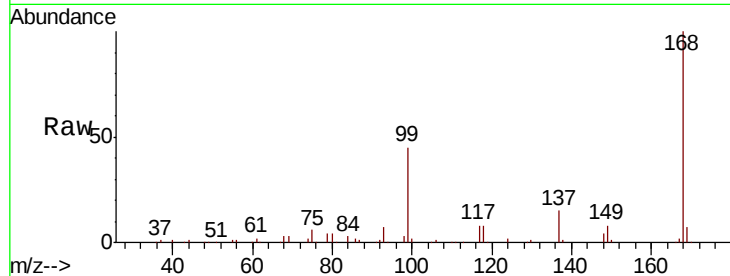




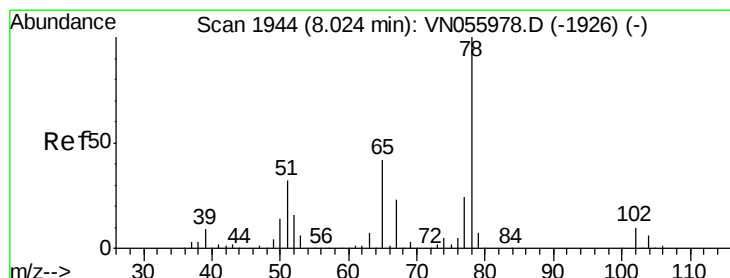
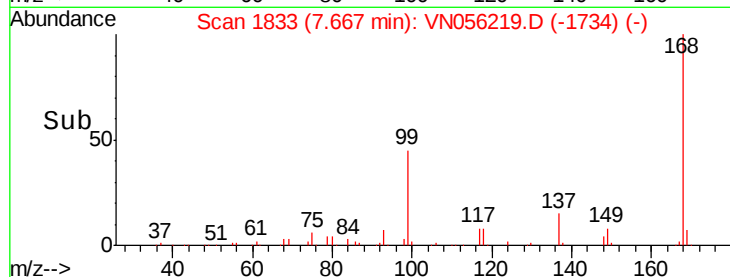
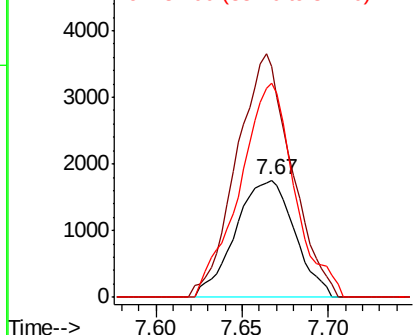
#31
Cyclohexane
Concen: 0.886 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056219.D
Acq: 11 Jun 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW311S-20190609

Tot Ion: 56 Resp: 4185
Ion Ratio Lower Upper
56 100
69 196.6 25.6 38.4#
84 182.8 67.4 101.0#

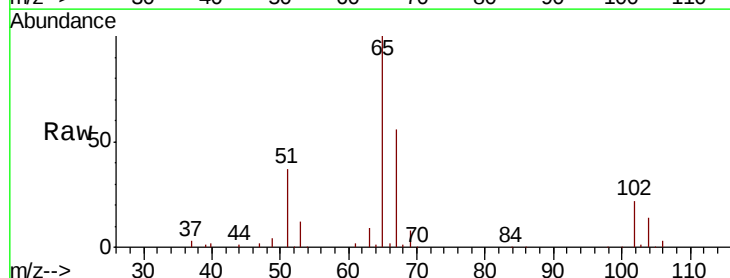


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

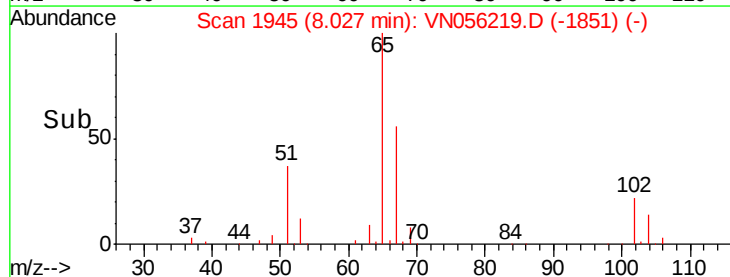
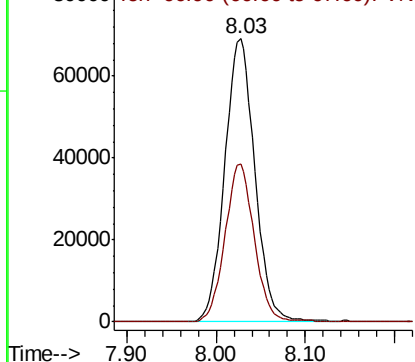


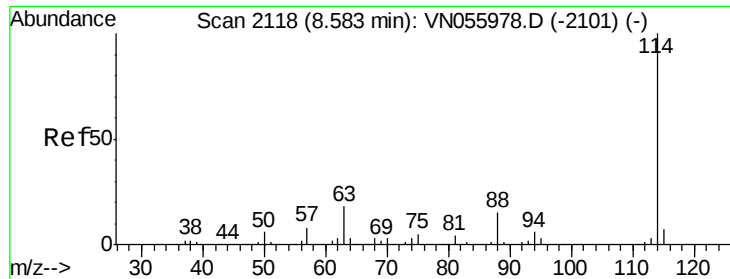
#33
1,2-Dichloroethane-d4
Concen: 54.283 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056219.D
Acq: 11 Jun 2019 13:31

Tgt Ion: 65 Resp: 161554
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW311S-20190609

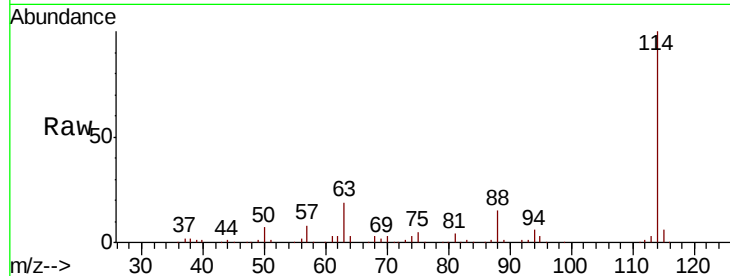
Tot Ion:114 Resp: 454551

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

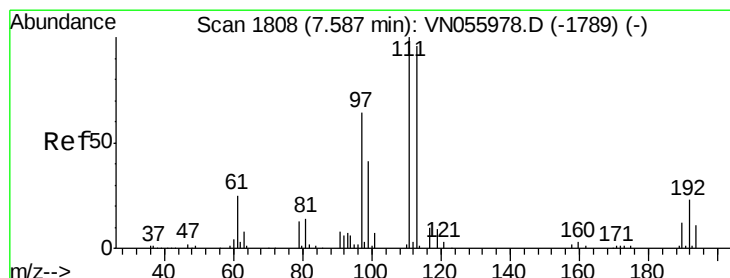
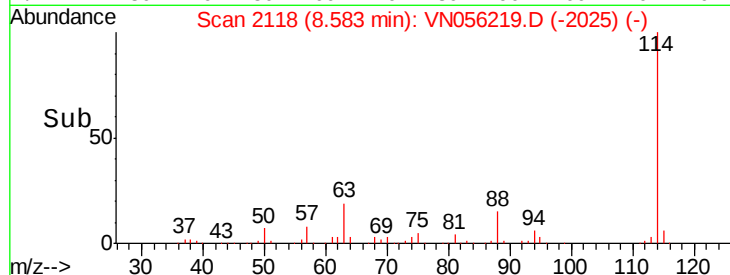
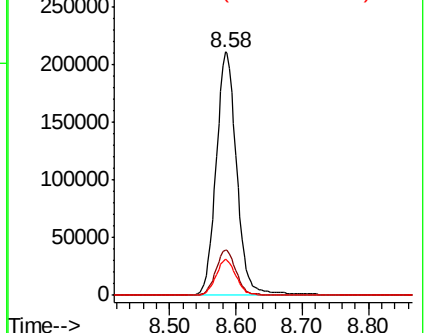
88 14.6 0.0 31.0



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: 53.592 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

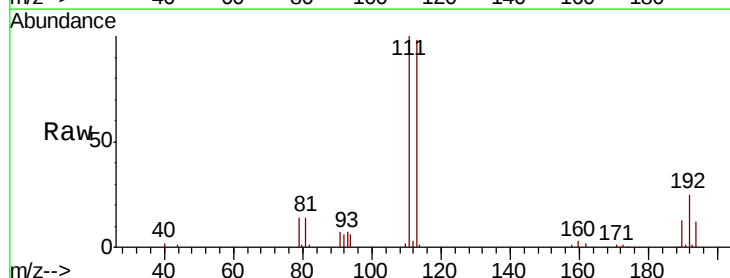
Tgt Ion:113 Resp: 149459

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

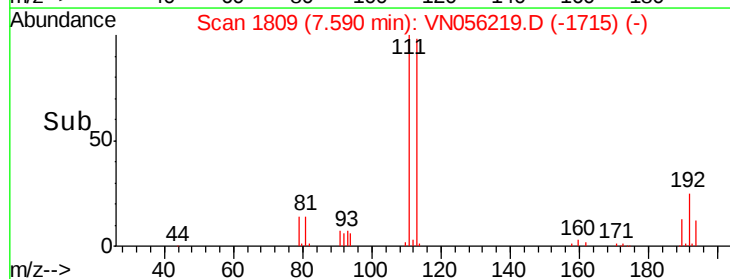
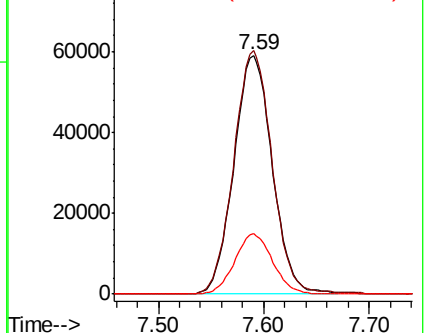
192 24.9 19.5 29.3

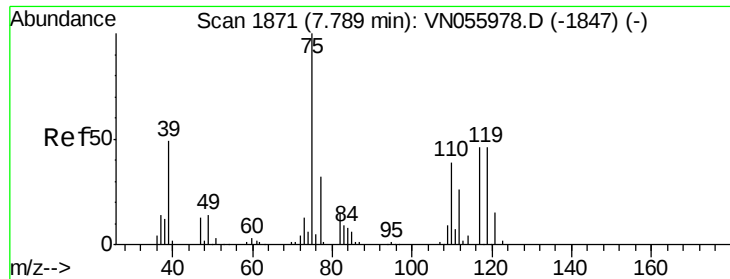


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

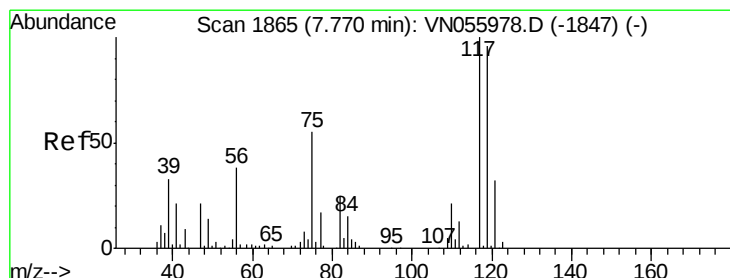
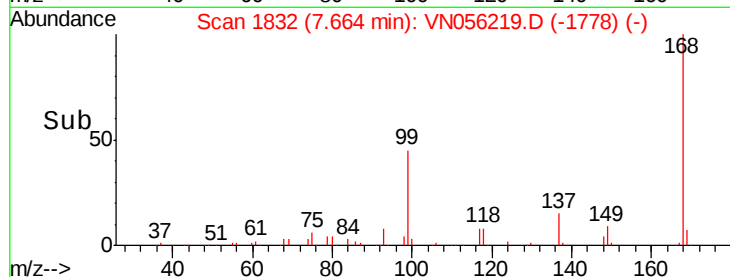
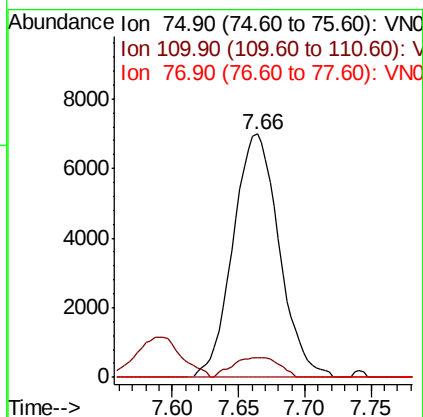
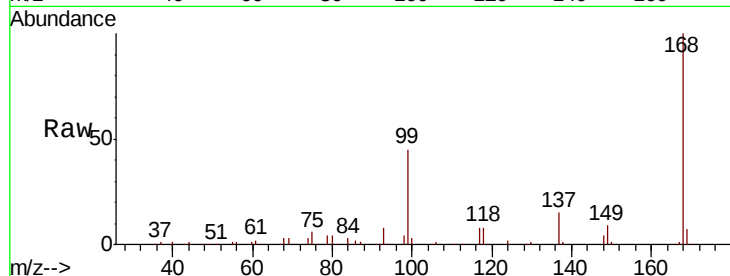




#36
 1,1-Dichloropropene
 Concen: 4.324 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056219.D
 Acq: 11 Jun 2019 13:31

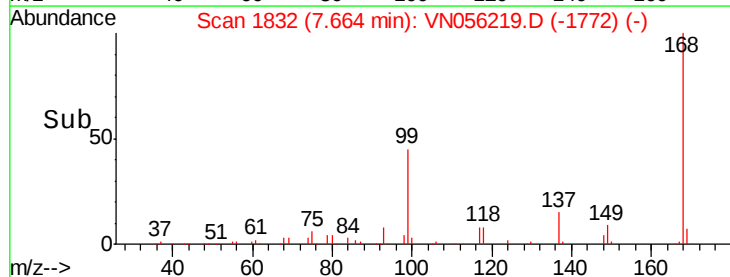
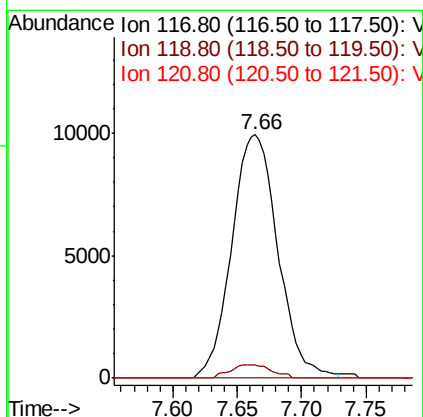
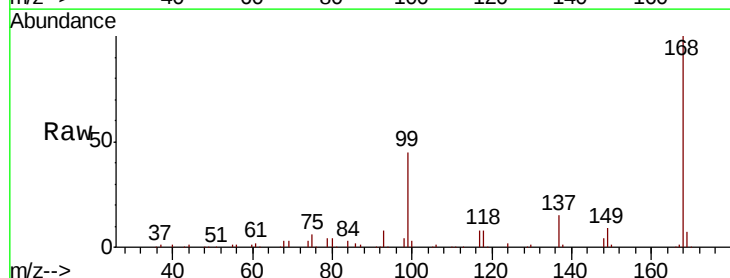
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW311S-20190609

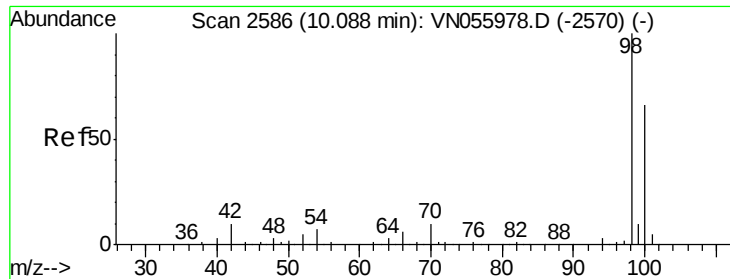
Tot Ion: 75 Resp: 16902
 Ion Ratio Lower Upper
 75 100
 110 8.2 19.0 57.0#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.862 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056219.D
 Acq: 11 Jun 2019 13:31

Tgt Ion: 117 Resp: 24725
 Ion Ratio Lower Upper
 117 100
 119 5.2 79.0 118.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 54.991 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

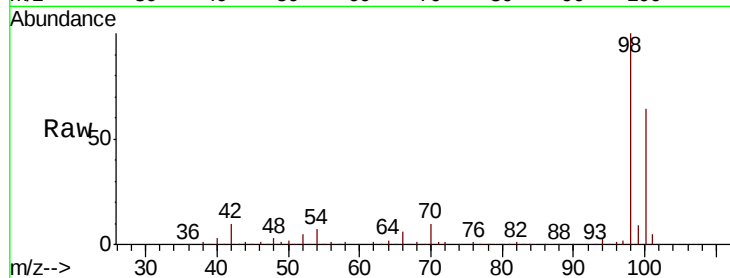
BPS1-TT-MW311S-20190609

Tot Ion: 98 Resp: 590131

Ion Ratio Lower Upper

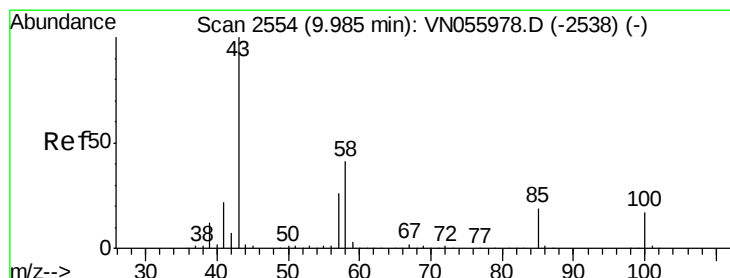
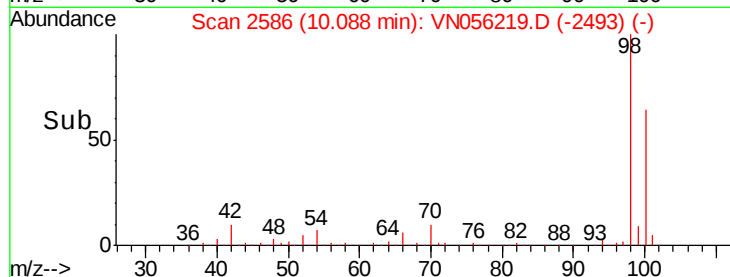
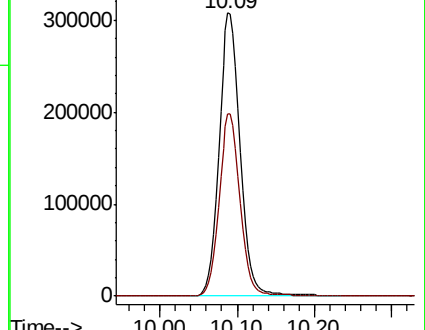
98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.694 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN056219.D

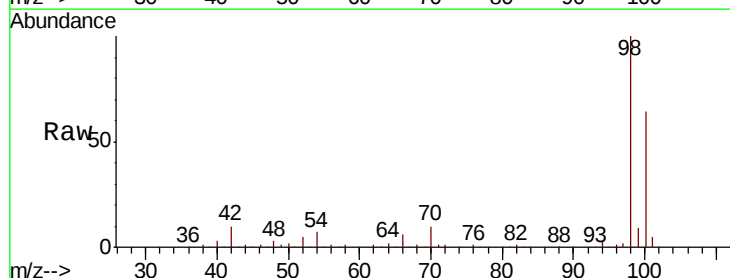
Acq: 11 Jun 2019 13:31

Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

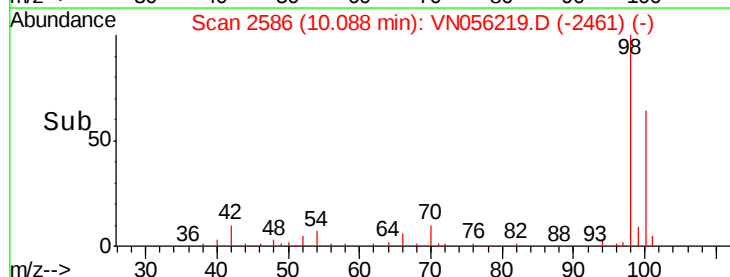
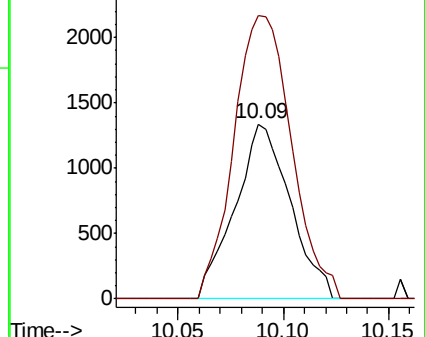
43 100

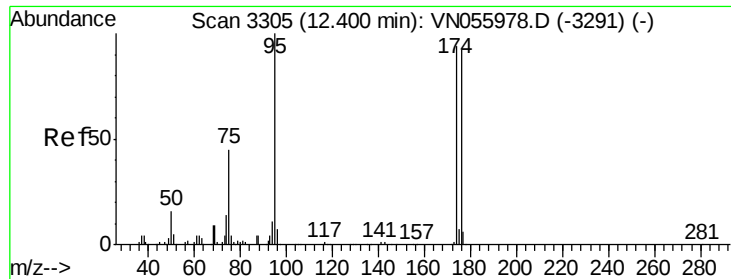
58 169.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)





#62

4-Bromofluorobenzene

Concen: 48.609 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW311S-20190609

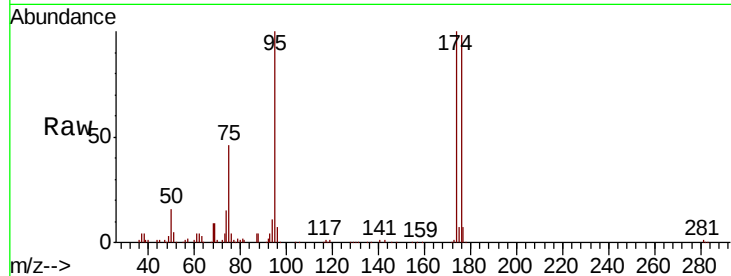
Tot Ion: 95 Resp: 177397

Ion Ratio Lower Upper

95 100

174 99.8 0.0 191.0

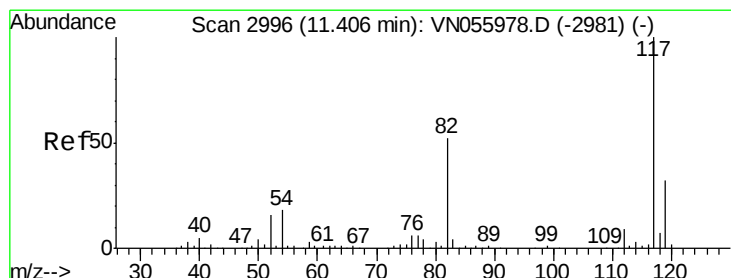
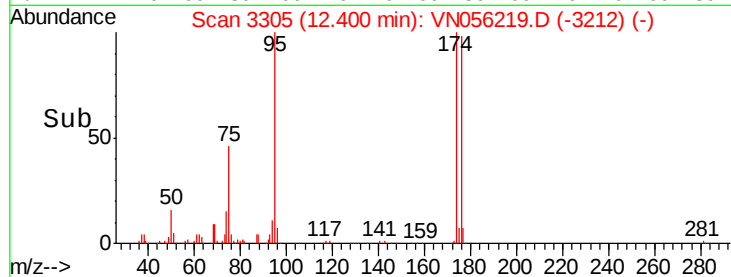
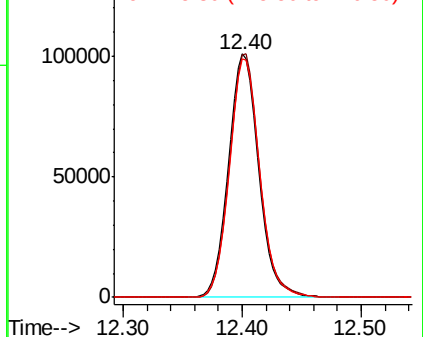
176 98.5 0.0 185.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

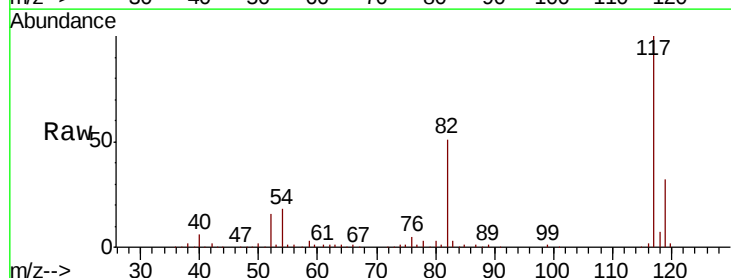
Tgt Ion: 117 Resp: 446084

Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

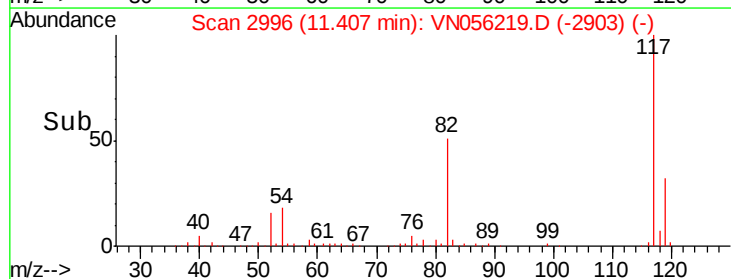
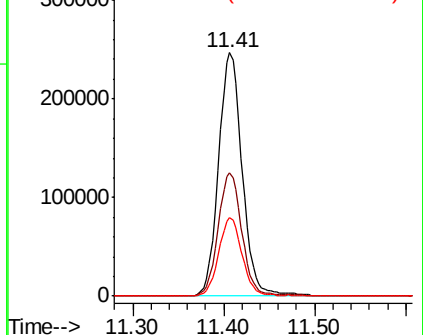
119 32.2 25.4 38.0

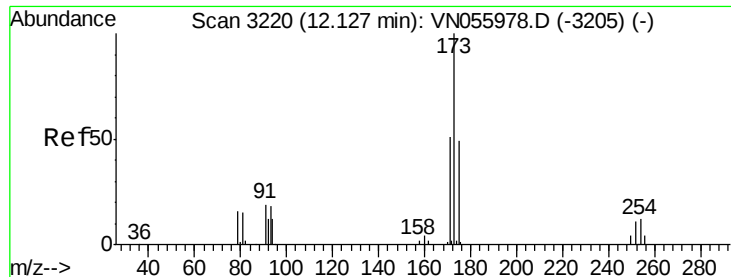


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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

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

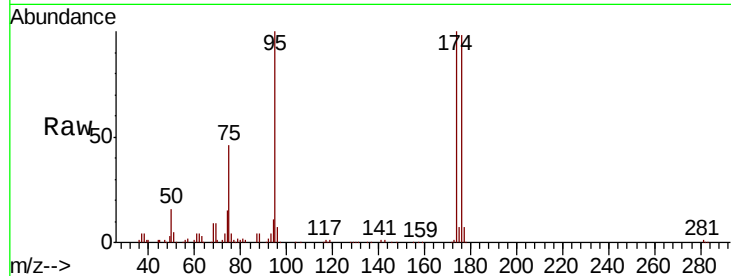




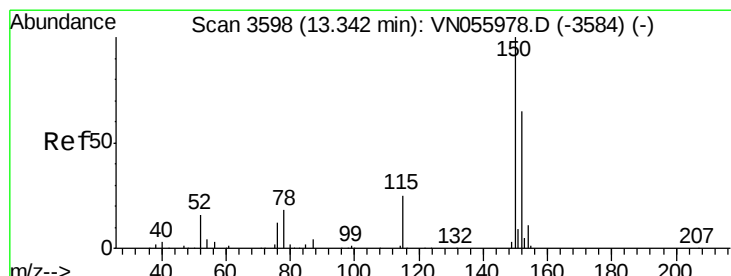
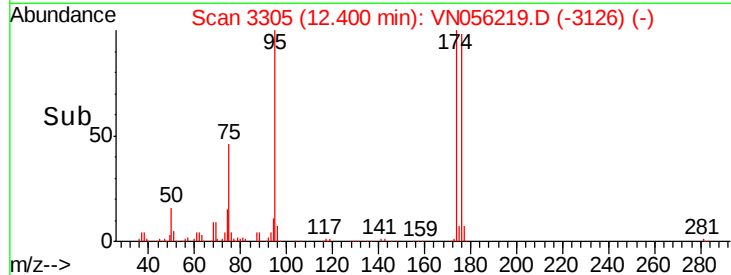
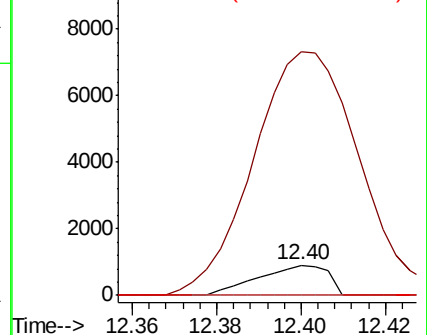
#71
Bromoform
Concen: 3.121 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056219.D
Acq: 11 Jun 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW311S-20190609

Tot Ion:173 Resp: 1032
Ion Ratio Lower Upper
173 100
175 1083.9 24.3 72.8#
254 0.0 0.0 0.0

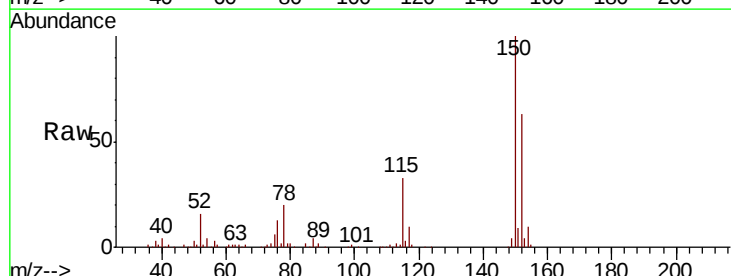


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

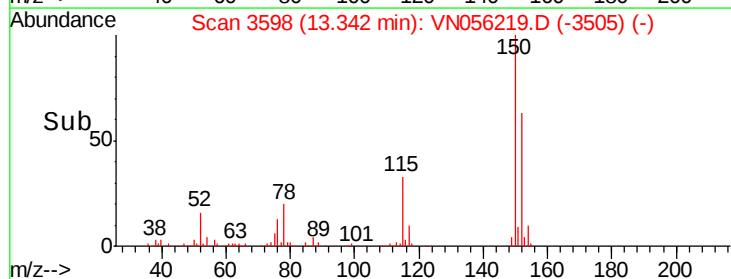
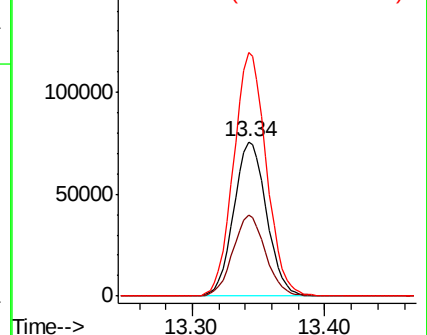


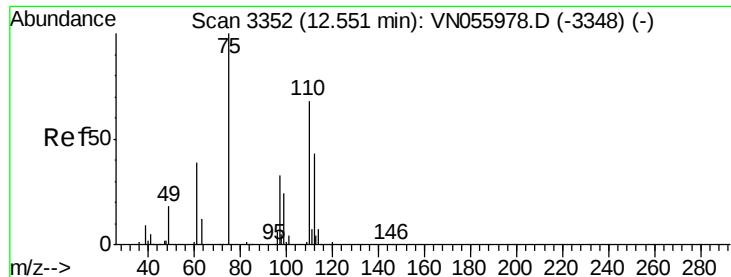
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056219.D
Acq: 11 Jun 2019 13:31

Tgt Ion:152 Resp: 129920
Ion Ratio Lower Upper
152 100
115 52.1 27.0 81.0
150 157.6 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





#76

1,2,3-Trichloropropane

Concen: 34.169 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

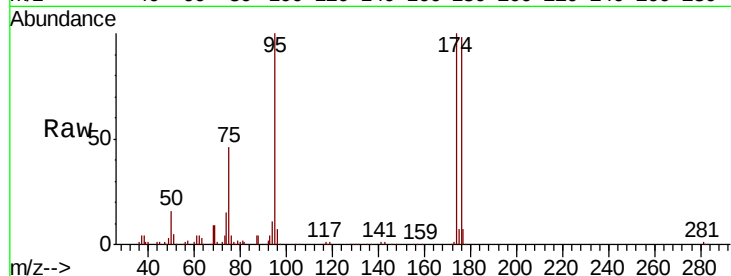
BPS1-TT-MW311S-20190609

Tot Ion: 75 Resp: 81683

Ion Ratio Lower Upper

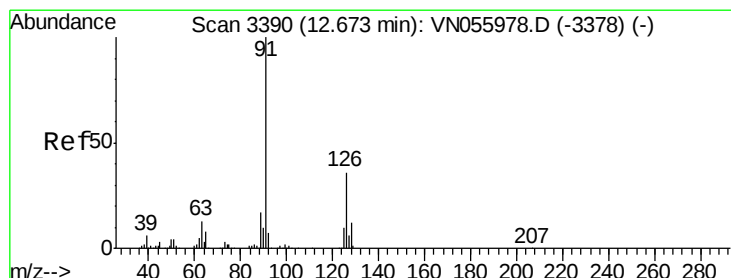
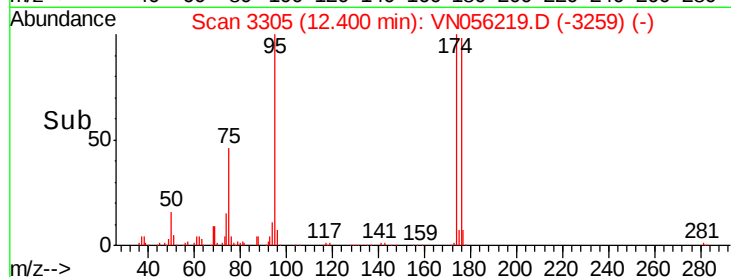
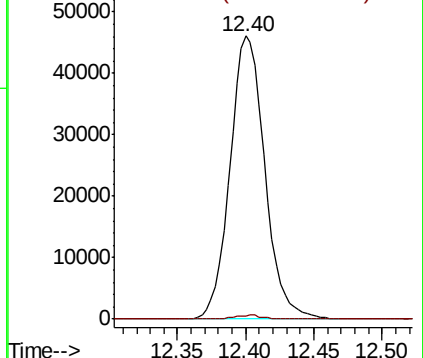
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.27 min

Lab File: VN056219.D

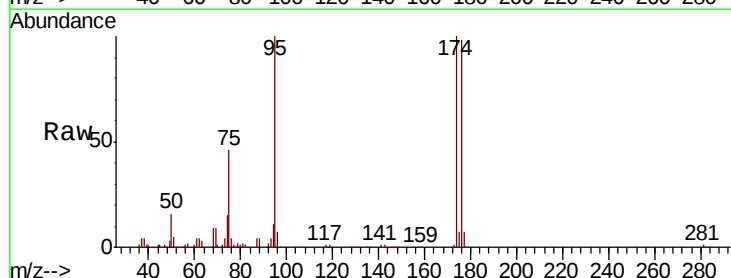
Acq: 11 Jun 2019 13:31

Tgt Ion: 91 Resp: 428

Ion Ratio Lower Upper

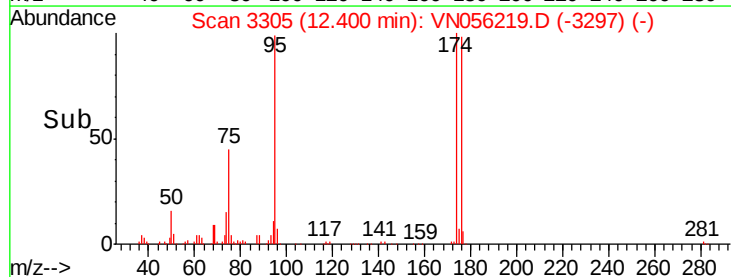
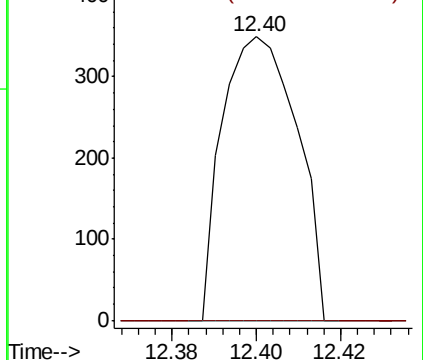
91 100

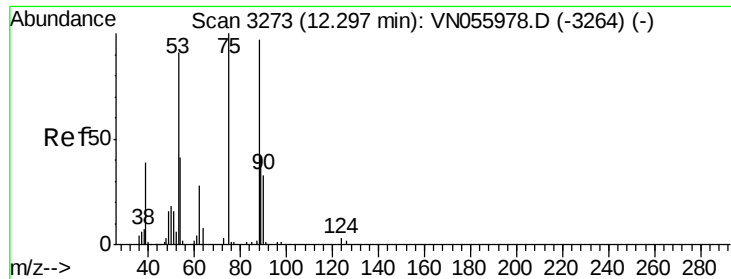
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 113.788 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW311S-20190609

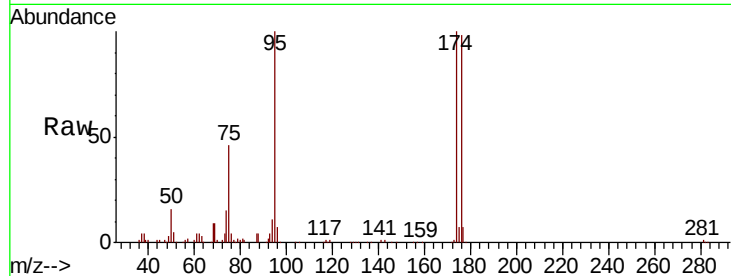
Tot Ion: 75 Resp: 81683

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

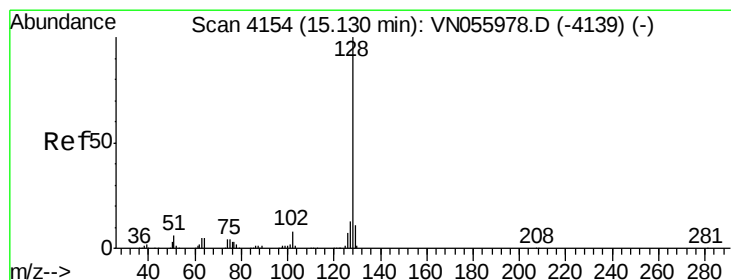
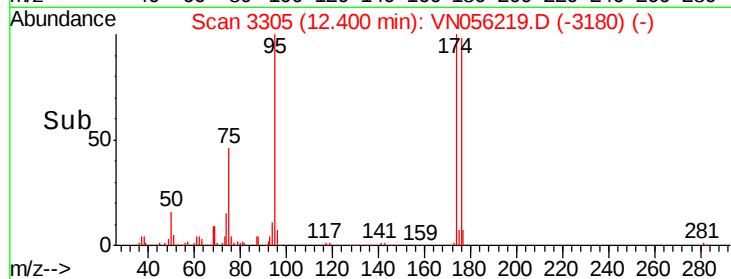
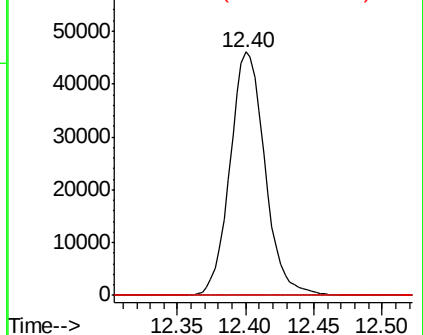
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#95

Naphthalene

Concen: 3.940 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

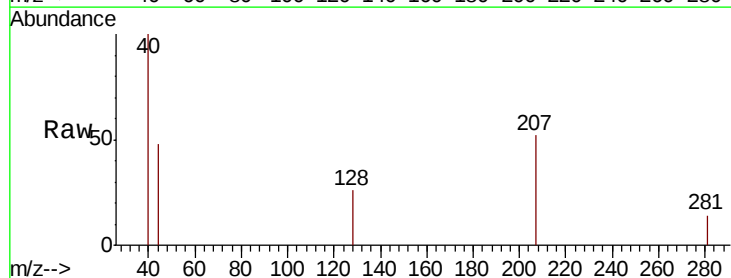
Tgt Ion: 128 Resp: 598

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN055978.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN055978.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN055978.D (-4139) (-)

