

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054566.D
 Acq On : 22 Mar 2019 19:00
 Operator : JC/SP
 Sample : K1965-10RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW303I2-20190315

Quant Time: Mar 23 02:34:12 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	7.67	168	612815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	955161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265917	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	422860	55.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.96%	
35) Dibromofluoromethane	7.59	113	329446	53.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.08%	
50) Toluene-d8	10.09	98	1227569	53.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	363742	46.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.42%	

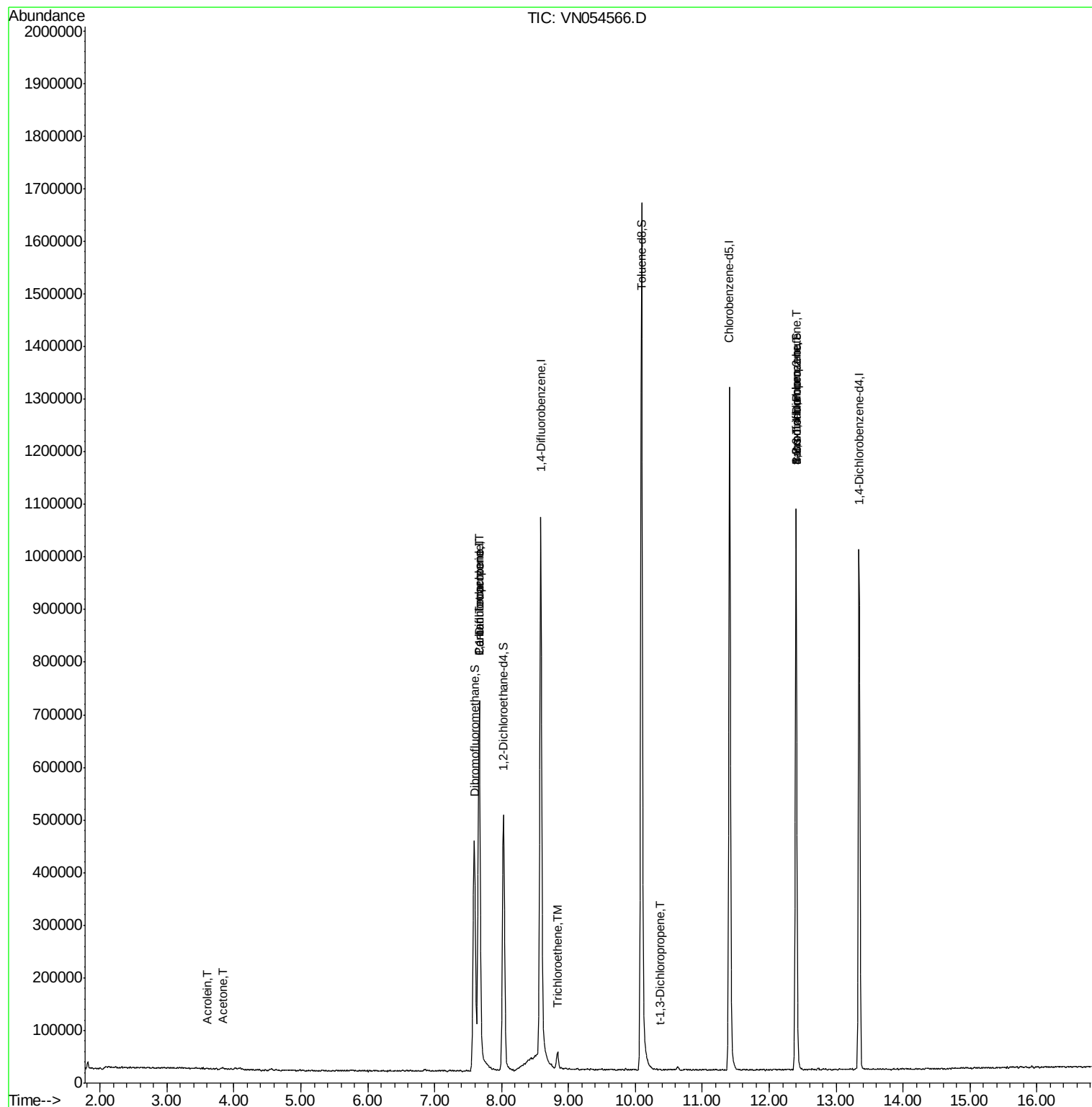
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.59	56	193	0.303	ug/l #	56
16) Acetone	3.83	43	3018	1.317	ug/l #	71
31) Cyclohexane	7.67	56	12533	Below Cal	#	14
36) 1,1-Dichloropropene	7.67	75	45149	5.055	ug/l #	49
38) Carbon Tetrachloride	7.66	117	56702	6.533	ug/l #	15
44) Trichloroethene	8.84	130	11362	1.600	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	74	2.240	ug/l #	81
71) Bromoform	12.40	173	1894	2.687	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	189196	44.836	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	189196	147.934	ug/l #	11

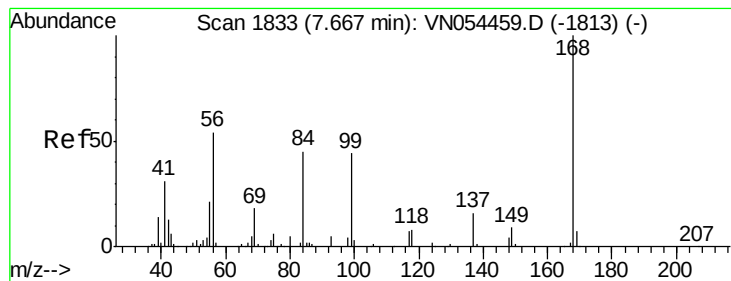
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPS1-TT-MW303I2-20190315

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 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: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

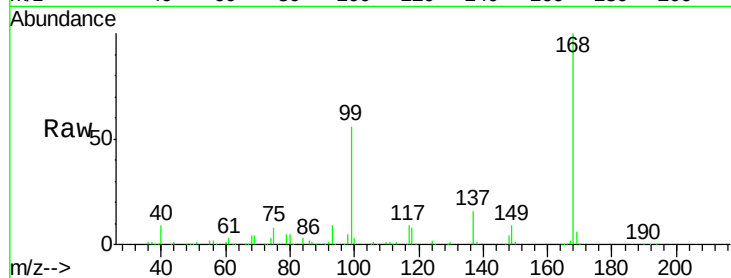
BPS1-TT-MW303I2-20190315

Tot Ion:168 Resp: 612815

Ion Ratio Lower Upper

168 100

99 55.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

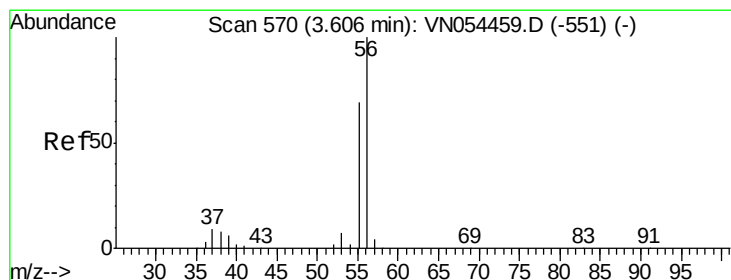
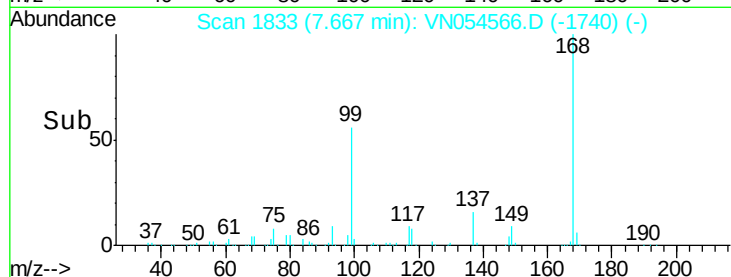
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.303 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.02 min

Lab File: VN054566.D

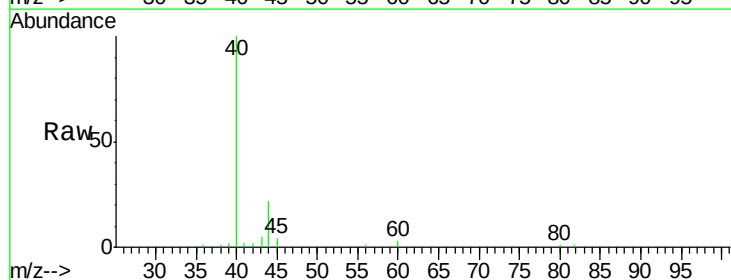
Acq: 22 Mar 2019 19:00

Tgt Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 34.2 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.59

250

200

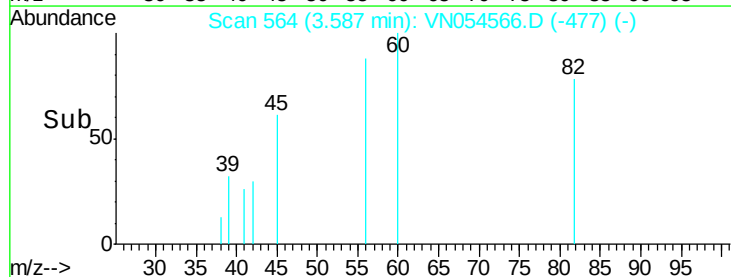
150

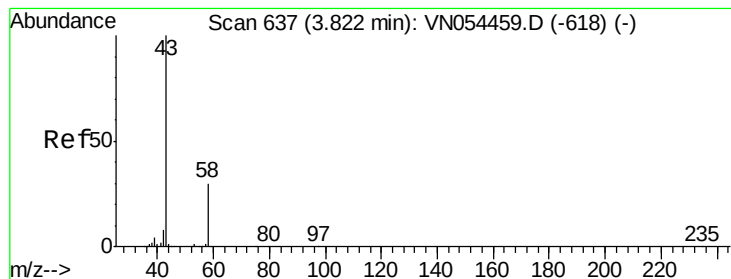
100

50

0

Time-->





#16

Acetone

Concen: 1.317 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

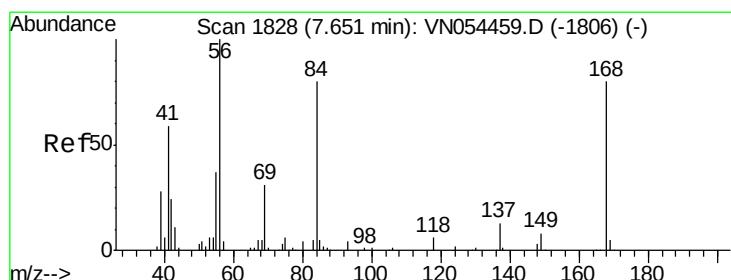
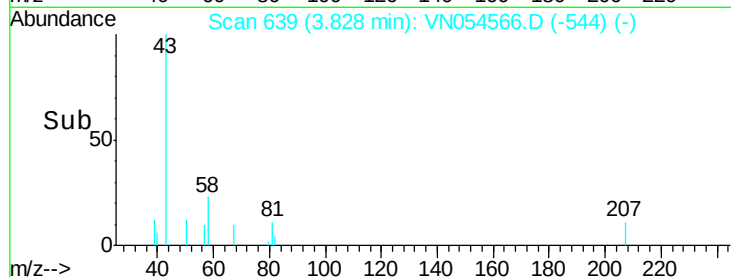
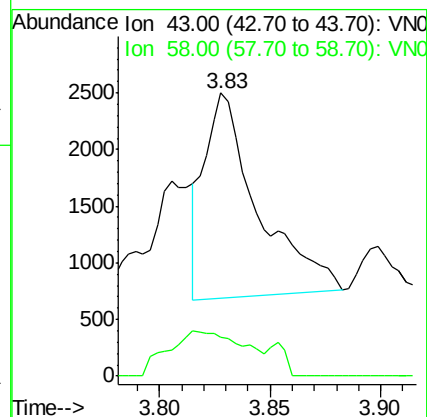
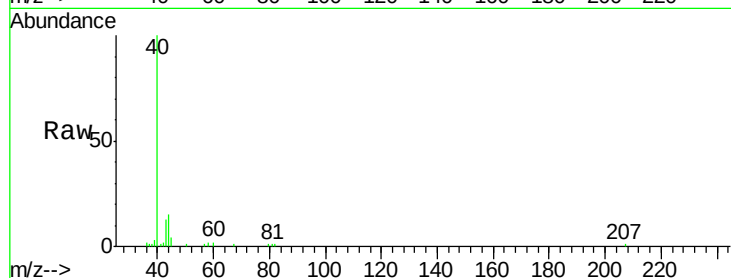
BPS1-TT-MW303I2-20190315

Tot Ion: 43 Resp: 3018

Ion Ratio Lower Upper

43 100

58 20.1 29.9 44.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

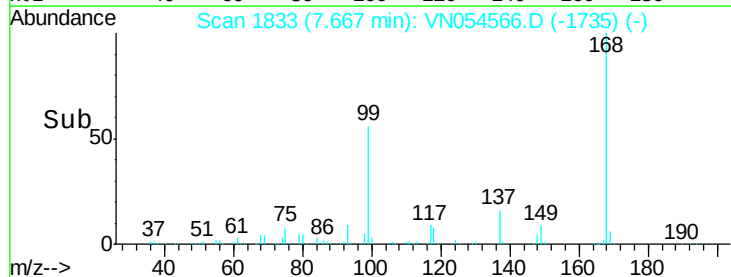
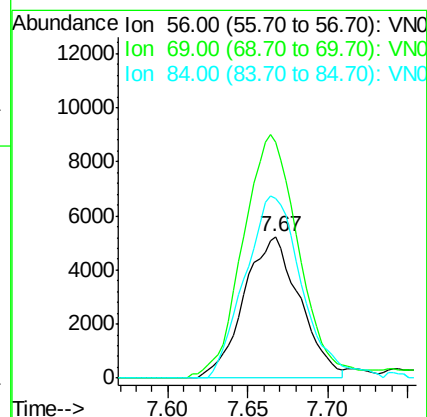
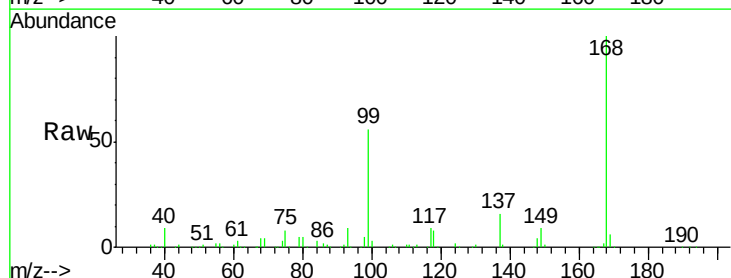
Tgt Ion: 56 Resp: 12533

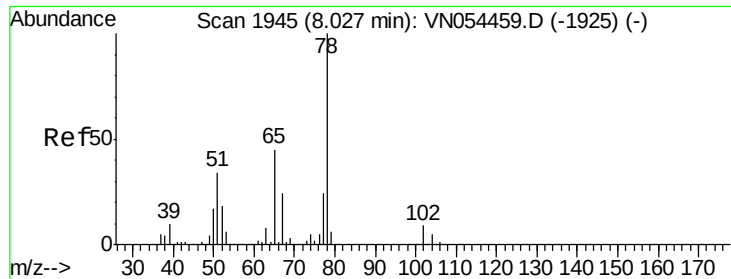
Ion Ratio Lower Upper

56 100

69 163.1 27.8 41.6#

84 126.5 74.6 111.8#

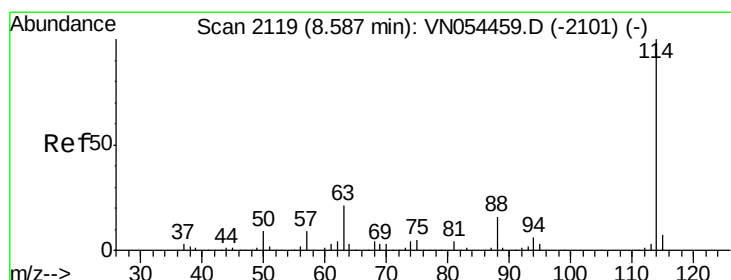
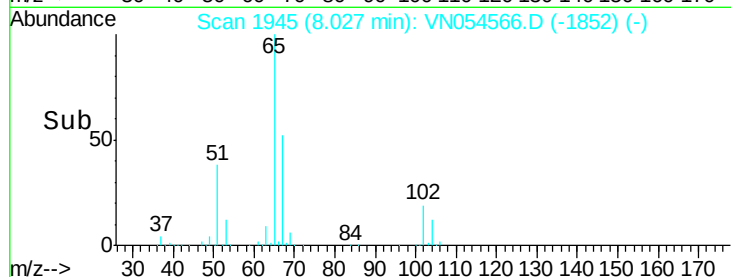
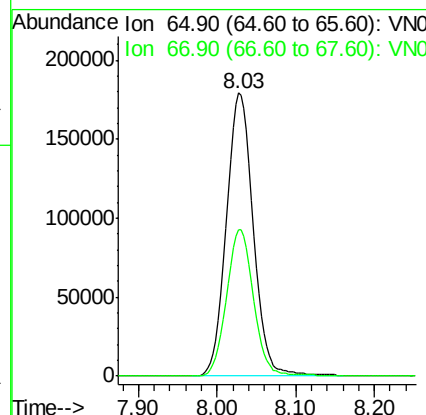
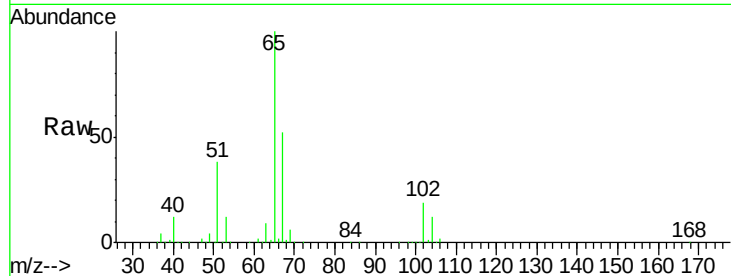




#33
 1,2-Dichloroethane-d4
 Concen: 55.476 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054566.D
 Acq: 22 Mar 2019 19:00

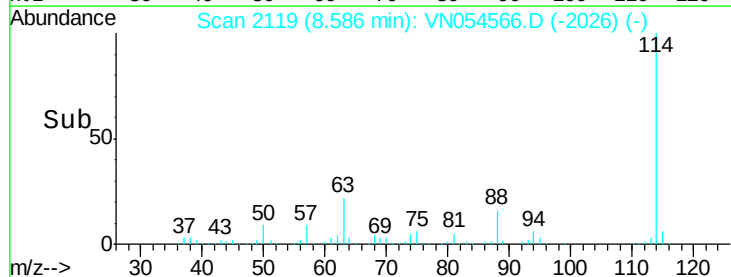
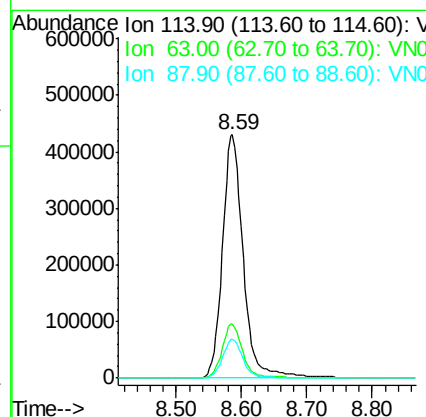
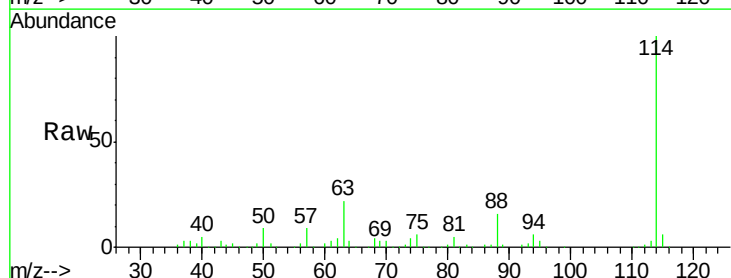
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW303I2-20190315

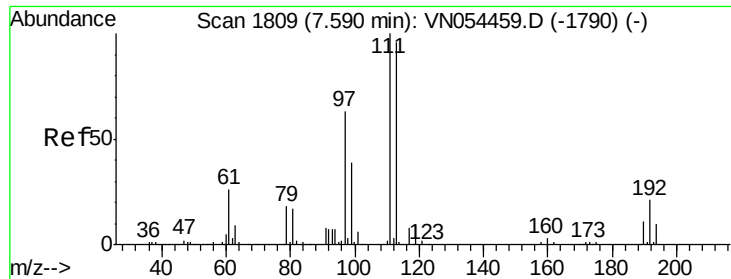
Tot Ion: 65 Resp: 422860
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054566.D
 Acq: 22 Mar 2019 19:00

Tgt Ion: 114 Resp: 955161
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.9 0.0 30.2

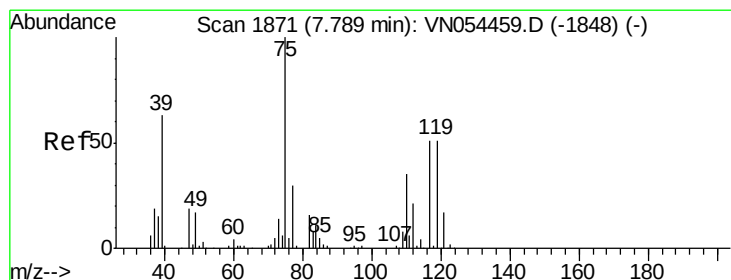
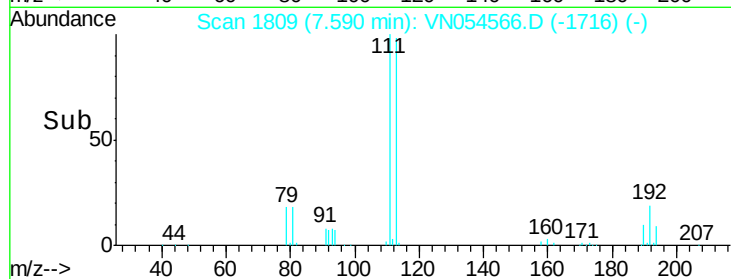
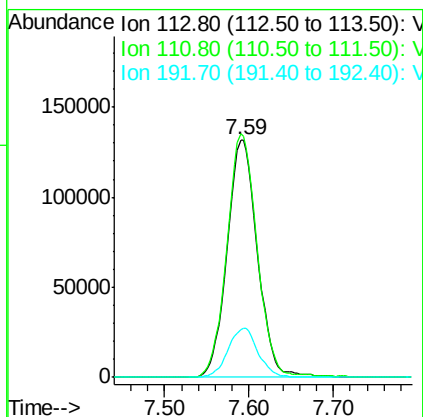
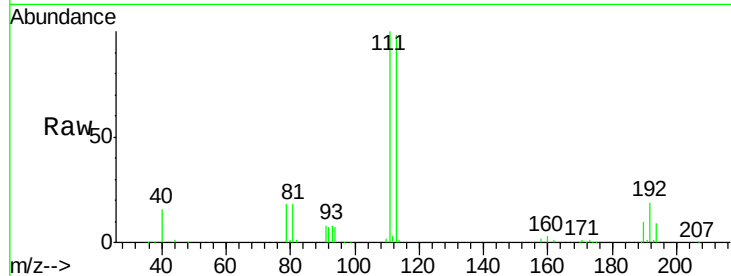




#35
 Dibromofluoromethane
 Concen: 53.537 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054566.D
 Acq: 22 Mar 2019 19:00

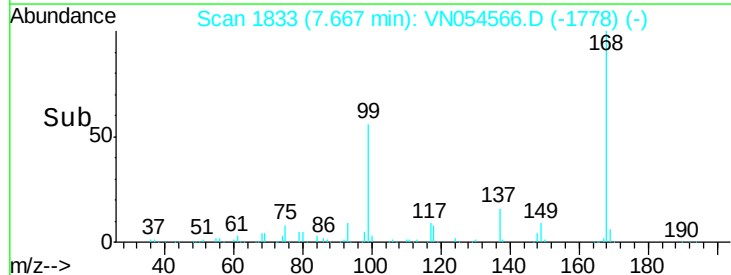
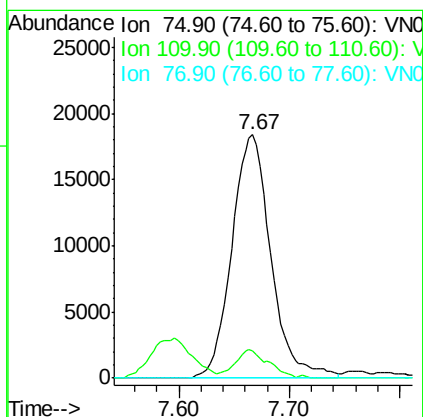
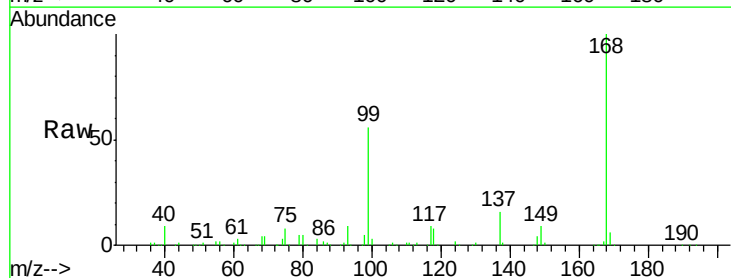
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW303I2-20190315

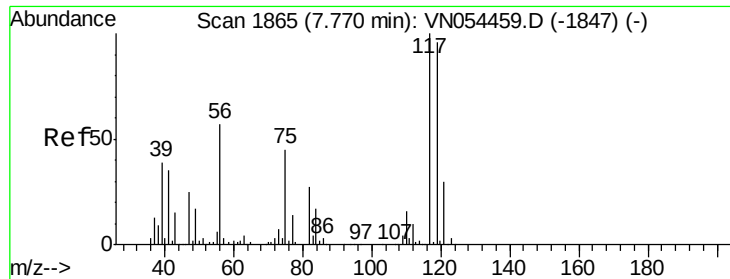
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	20.6	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 5.055 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054566.D
 Acq: 22 Mar 2019 19:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.5#
77	0.0	25.0	37.4#

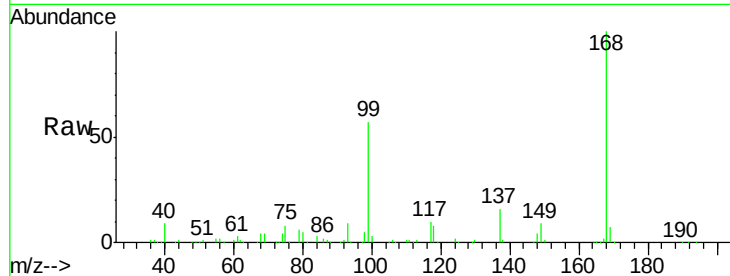




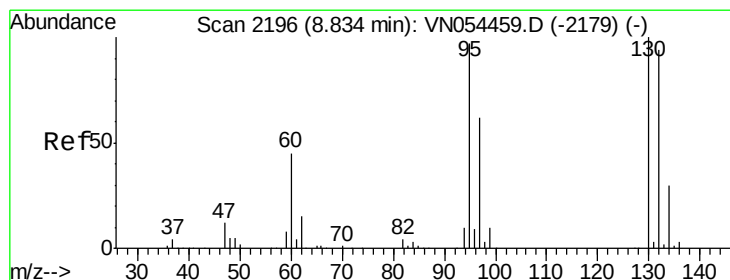
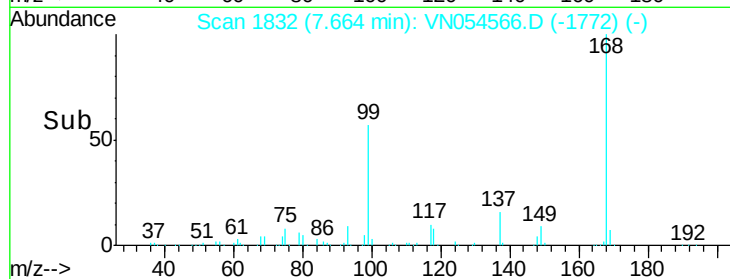
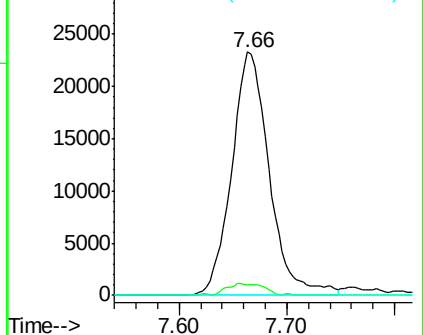
#38
Carbon Tetrachloride
Concen: 6.533 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054566.D
Acq: 22 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW303I2-20190315

Tot Ion:117 Resp: 56702
Ion Ratio Lower Upper
117 100
119 4.2 76.3 114.5#
121 0.0 24.6 36.8#

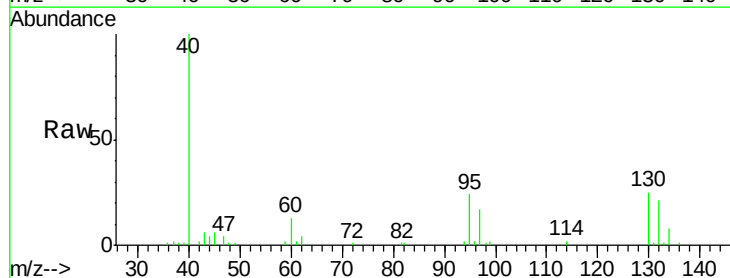


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

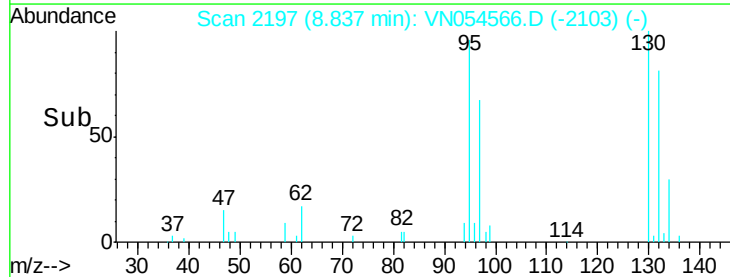
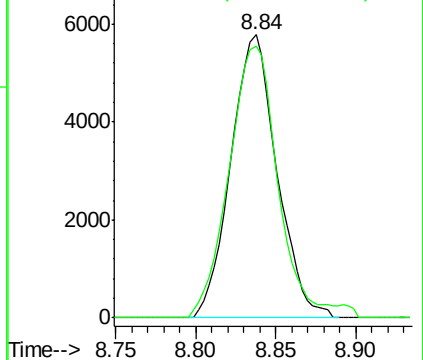


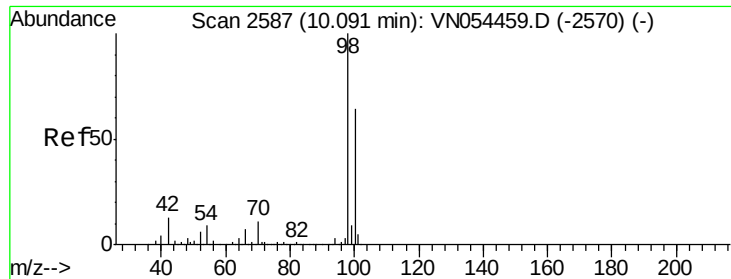
#44
Trichloroethene
Concen: 1.600 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN054566.D
Acq: 22 Mar 2019 19:00

Tgt Ion:130 Resp: 11362
Ion Ratio Lower Upper
130 100
95 96.1 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

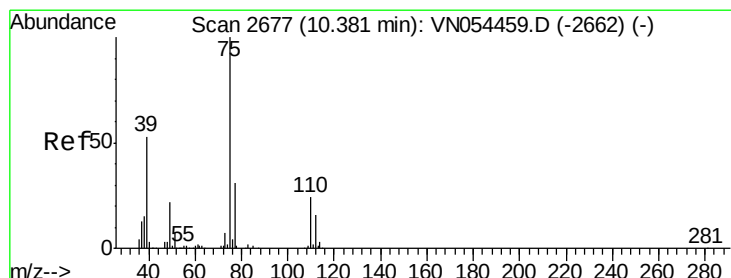
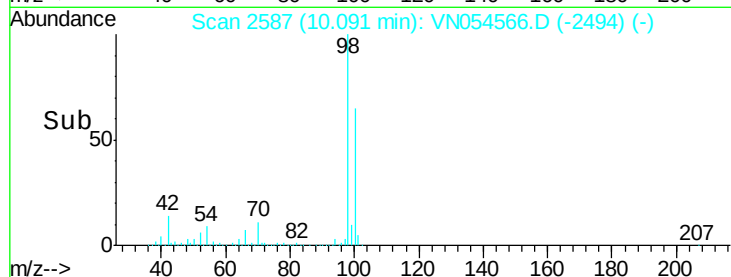
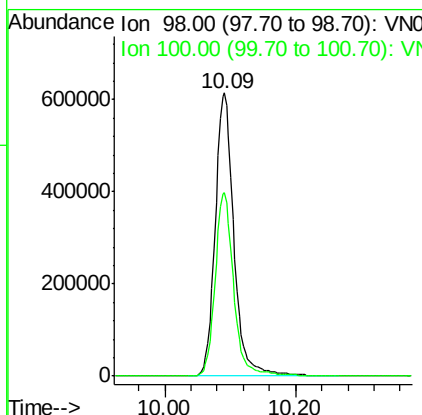
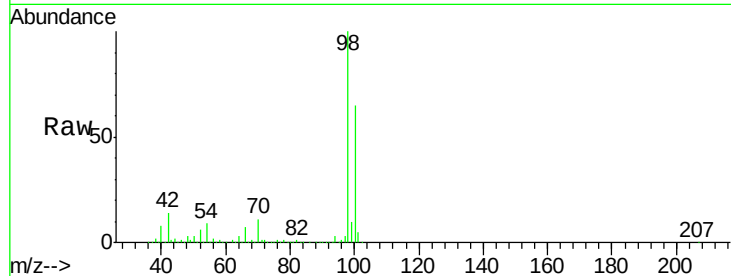




#50
Toluene-d8
Concen: 53.064 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054566.D
Acq: 22 Mar 2019 19:00

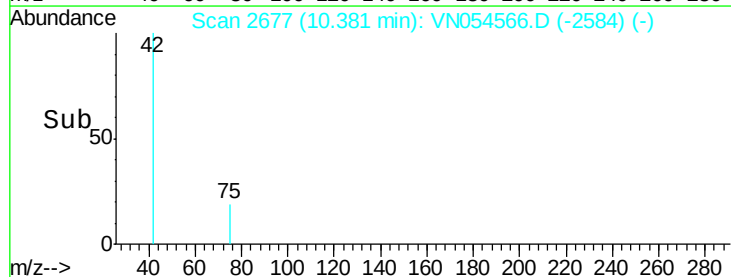
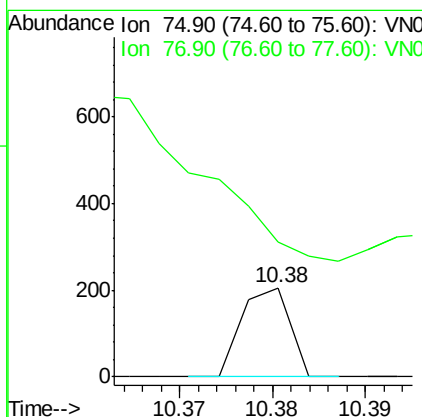
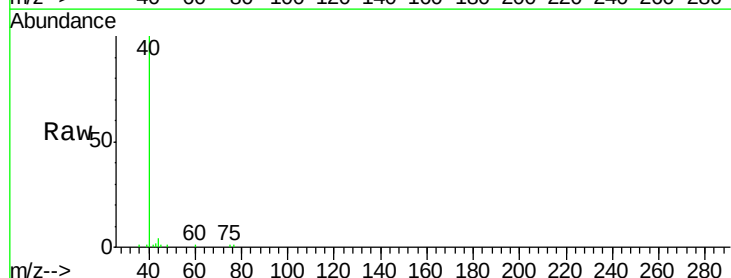
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ClientSampleId :
BPS1-TT-MW303I2-20190315

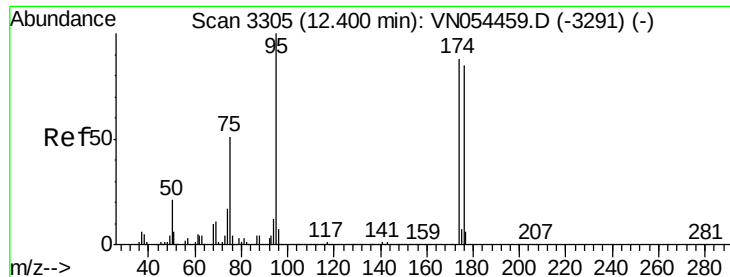
Tot Ion: 98 Resp: 1227569
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#53
t-1,3-Dichloropropene
Concen: 2.240 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054566.D
Acq: 22 Mar 2019 19:00

Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
77 21.8 25.8 38.8#





#62

4-Bromofluorobenzene

Concen: 46.207 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW303I2-20190315

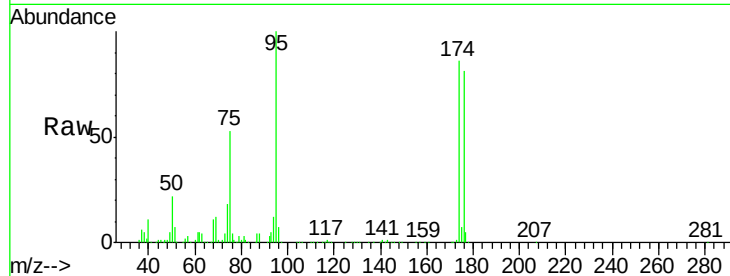
Tot Ion: 95 Resp: 363742

Ion Ratio Lower Upper

95 100

174 85.2 0.0 191.0

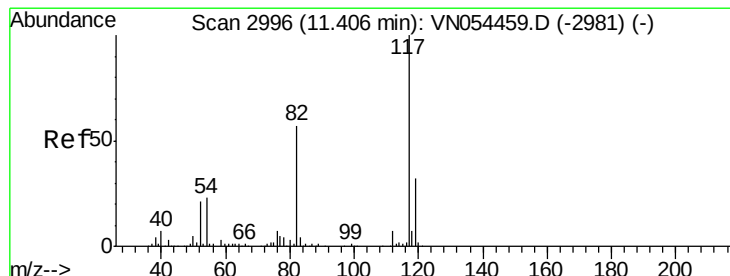
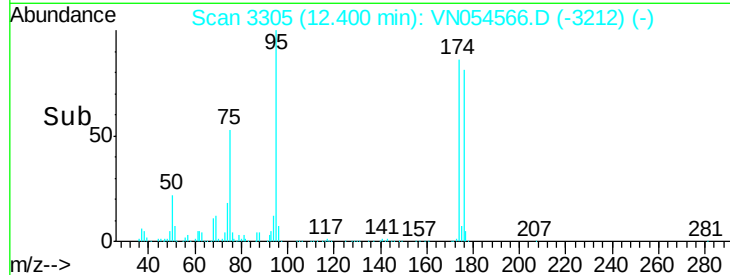
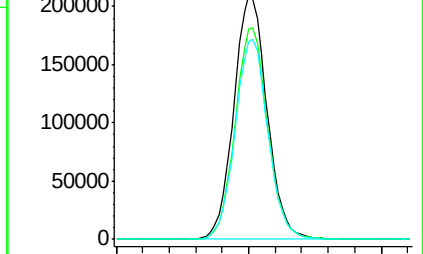
176 81.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

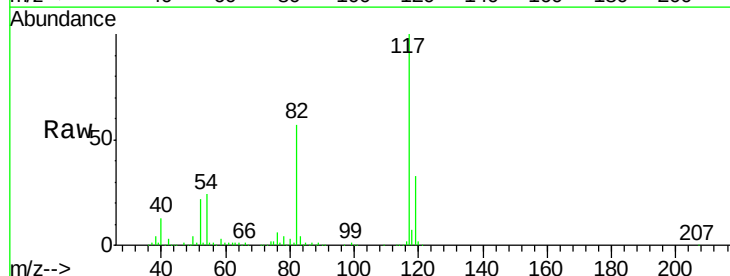
Tgt Ion: 117 Resp: 770242

Ion Ratio Lower Upper

117 100

82 57.3 40.0 60.0

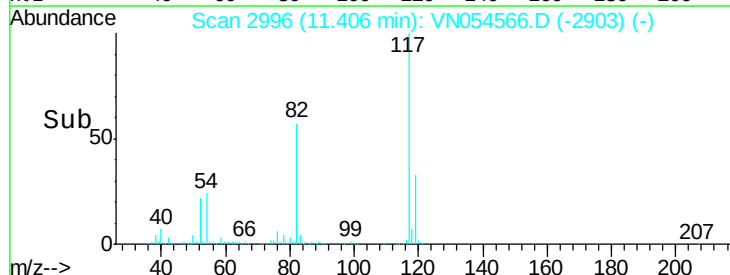
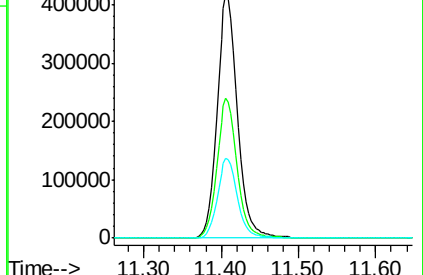
119 32.7 25.8 38.6

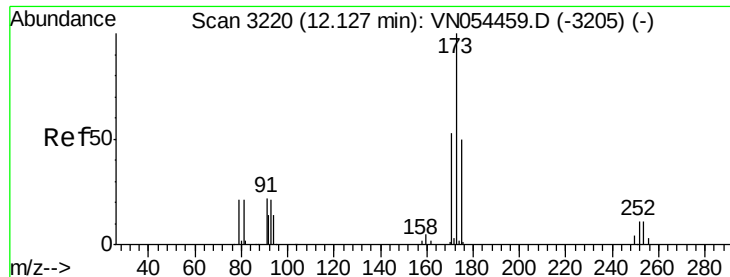


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#71

Bromoform

Concen: 2.687 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW303I2-20190315

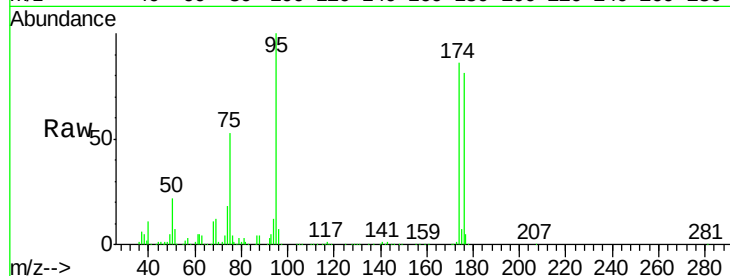
Tot Ion:173 Resp: 1894

Ion Ratio Lower Upper

173 100

175 1069.2 24.4 73.2#

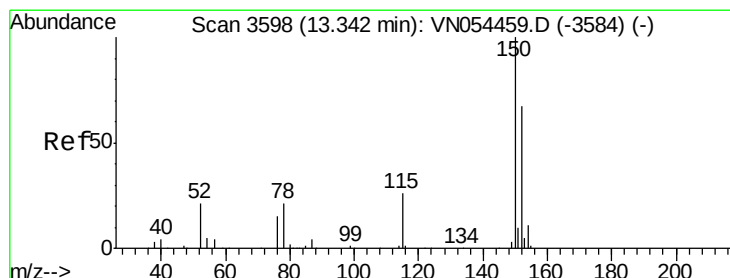
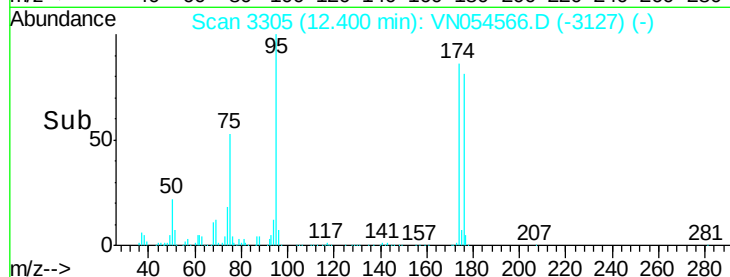
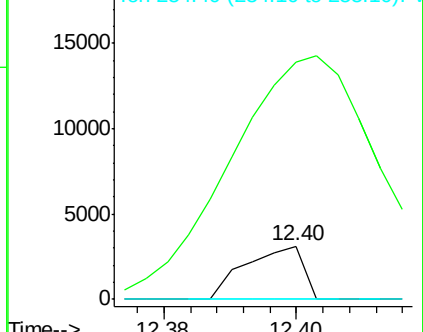
254 0.0 0.1 0.1#



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: VN054566.D

Acq: 22 Mar 2019 19:00

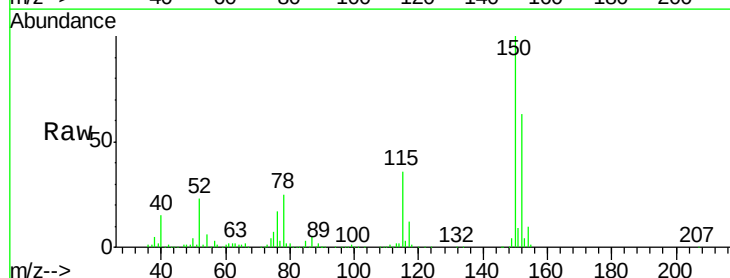
Tgt Ion:152 Resp: 265917

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

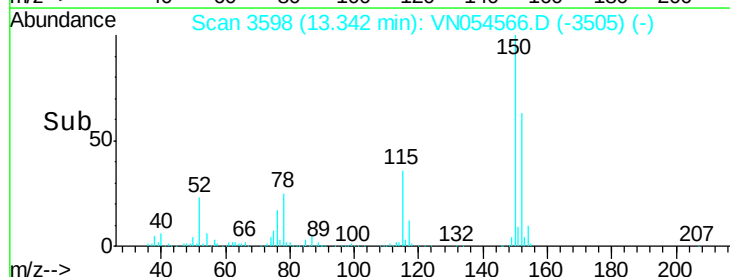
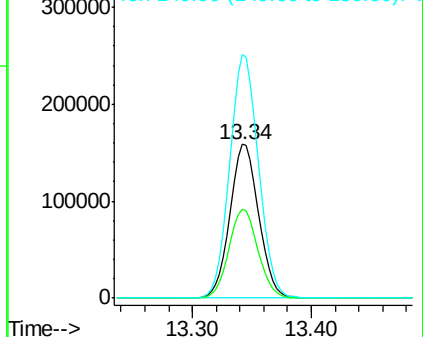
150 158.0 0.0 349.2

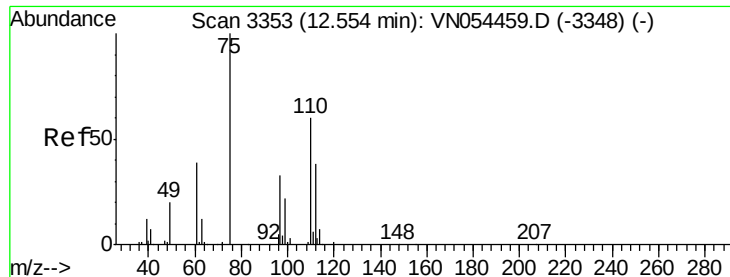


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 44.836 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

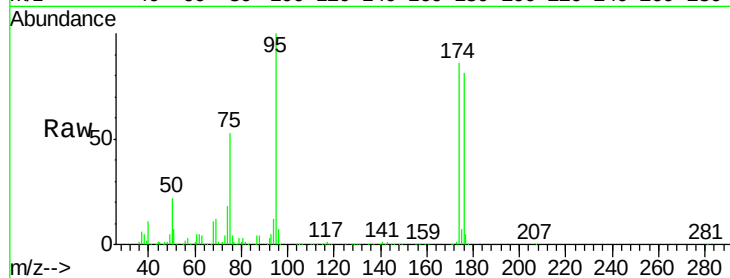
BPS1-TT-MW303I2-20190315

Tot Ion: 75 Resp: 189196

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

120000

100000

80000

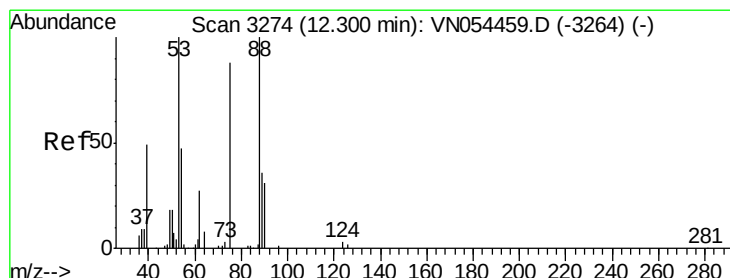
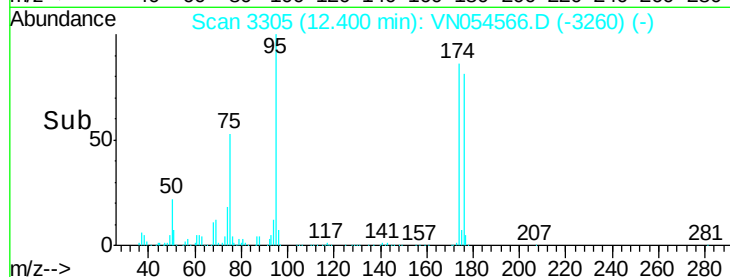
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 147.934 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

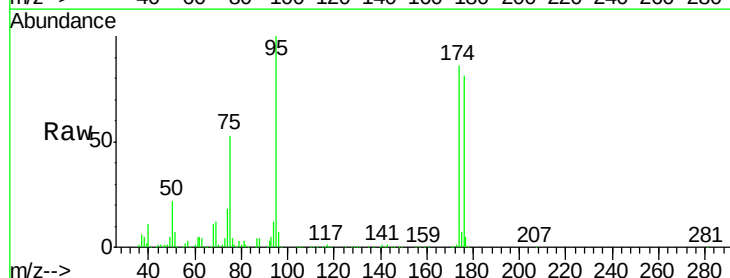
Tgt Ion: 75 Resp: 189196

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

150000

100000

50000

0

Time--> 12.30 12.40 12.50

