

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055758.D
 Acq On : 23 May 2019 17:11
 Operator : JC/SP
 Sample : K3008-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-21

Quant Time: May 24 07:19:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

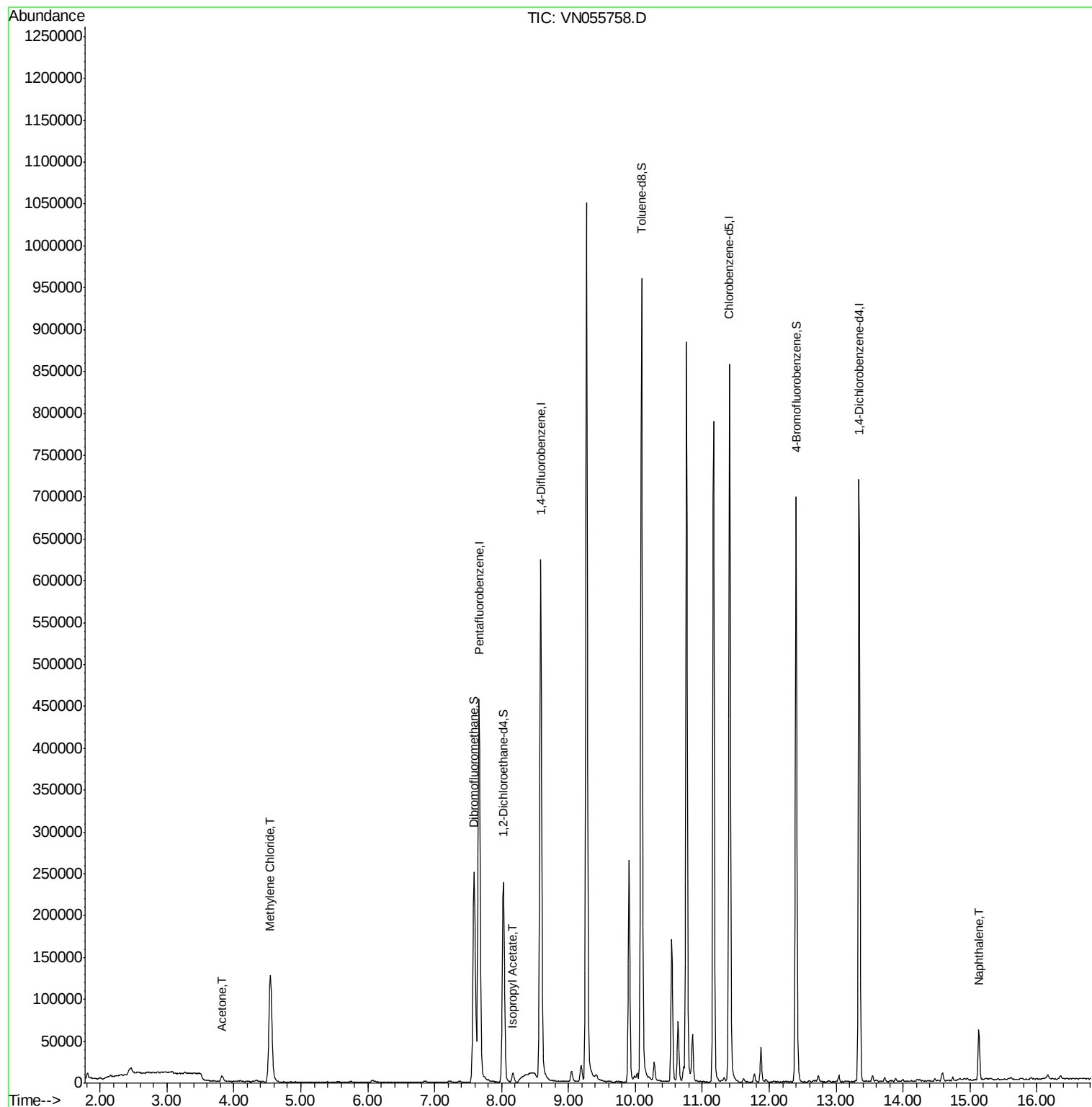
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	449736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	622386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	556419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	204906	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
35) Dibromofluoromethane	7.59	113	190055	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	738137	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	241896	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
16) Acetone	3.82	43	10694	5.238	ug/l	100
20) Methylene Chloride	4.54	84	105525	23.866	ug/l	99
43) Isopropyl Acetate	8.17	43	13258	1.505	ug/l #	89
95) Naphthalene	15.13	128	57256	5.675	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055758.D

Acq: 23 May 2019 17:11

Instrument :

MSVOA_N

ClientSampled :

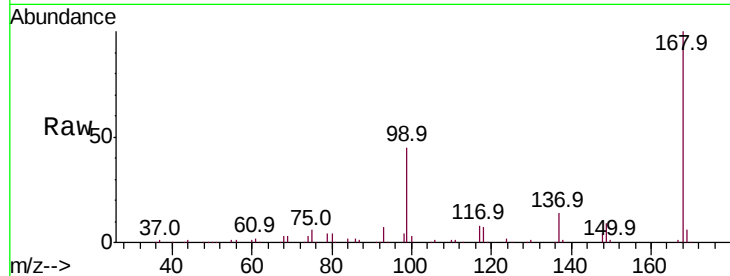
COMP-21

Tot Ion:168 Resp: 449736

Ion Ratio Lower Upper

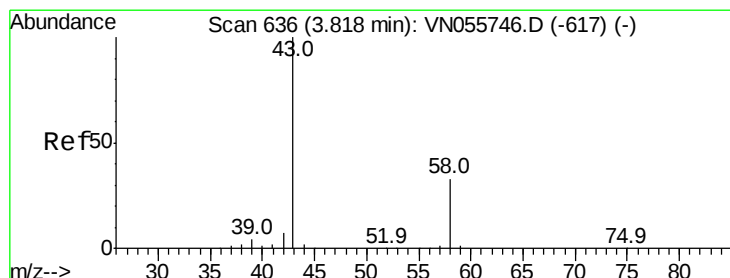
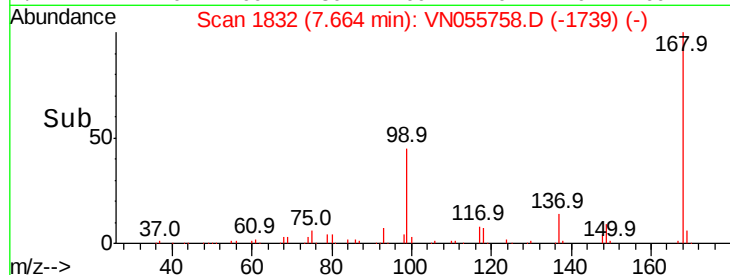
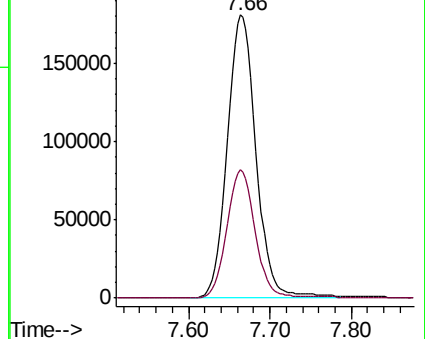
168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.238 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055758.D

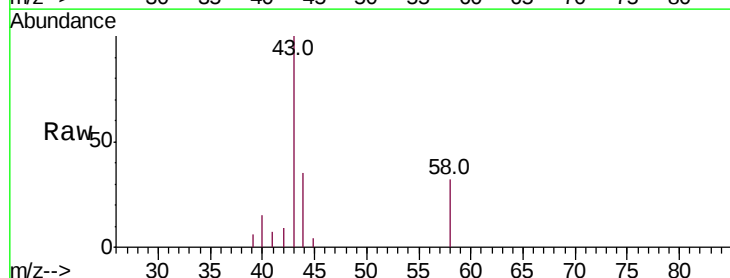
Acq: 23 May 2019 17:11

Tgt Ion: 43 Resp: 10694

Ion Ratio Lower Upper

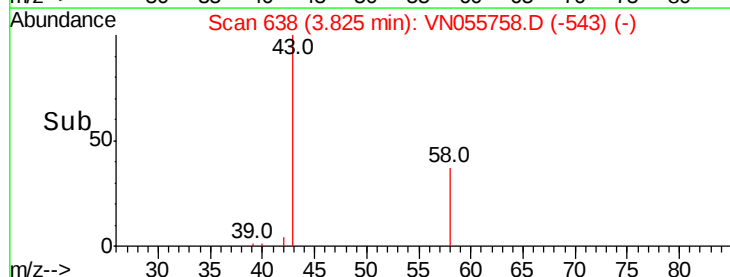
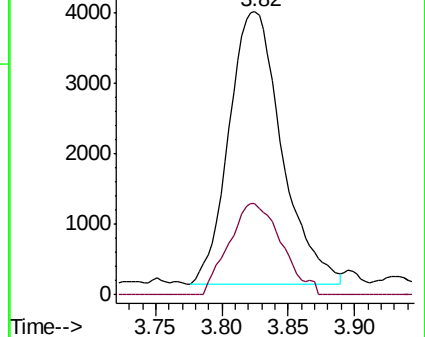
43 100

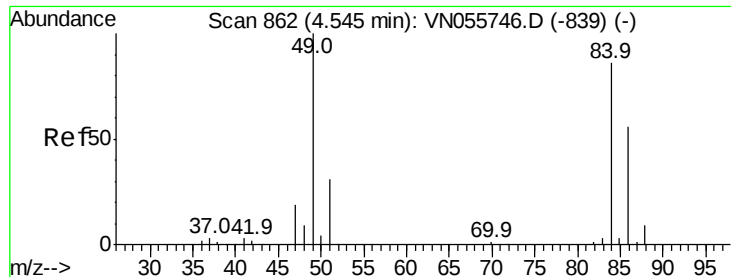
58 33.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

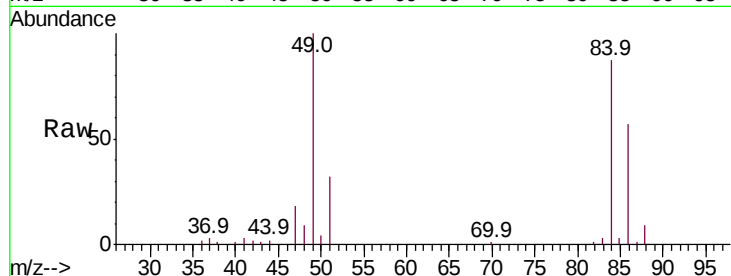




#20
Methvlene Chloride
Concen: 23.866 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055758.D
Acq: 23 May 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
COMP-21

Tot Ion:	84	Resp:	105525
Ion	Ratio	Lower	Upper
84	100		
49	114.8	93.5	140.3
51	36.5	28.6	43.0
86	65.2	52.6	79.0



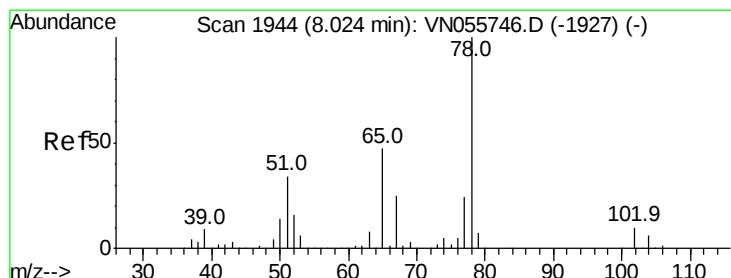
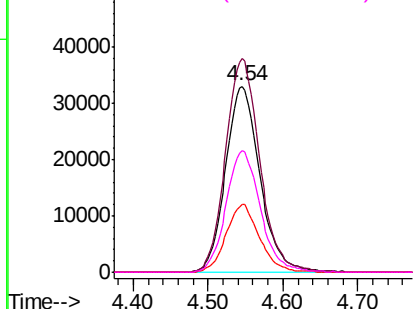
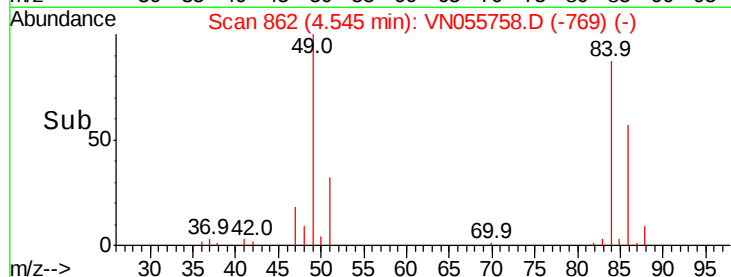
Abundance

Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

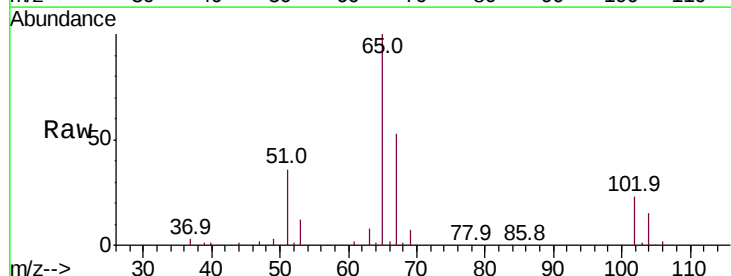
Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: 44.118 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055758.D
Acq: 23 May 2019 17:11

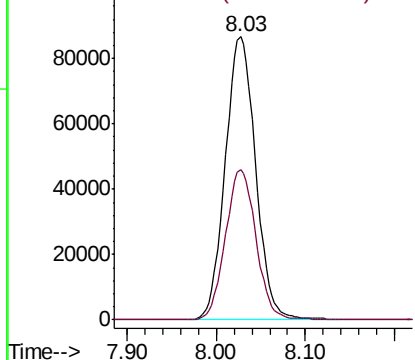
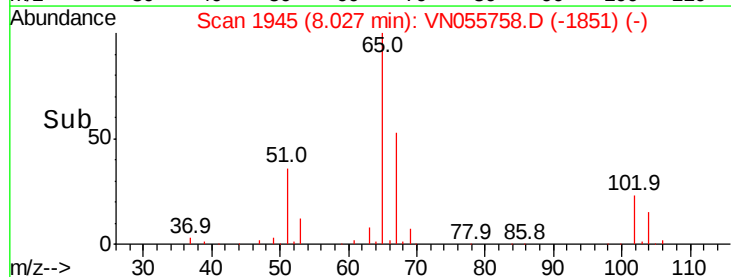
Tgt Ion:	65	Resp:	204906
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	109.2

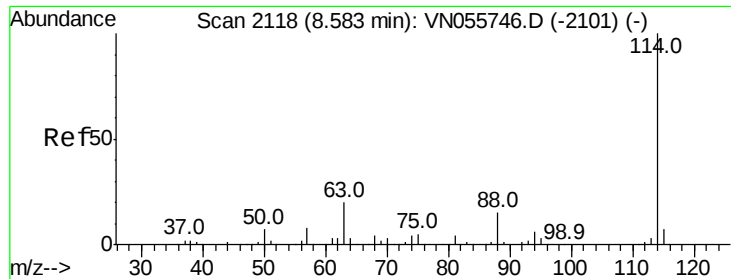


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

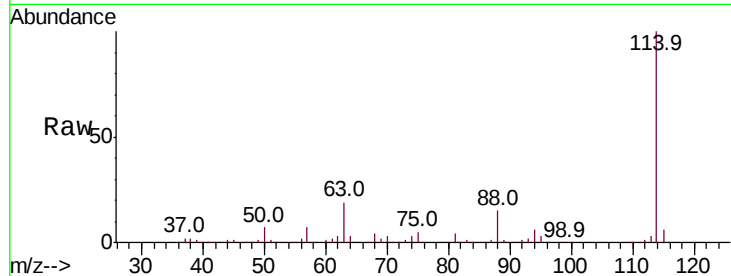




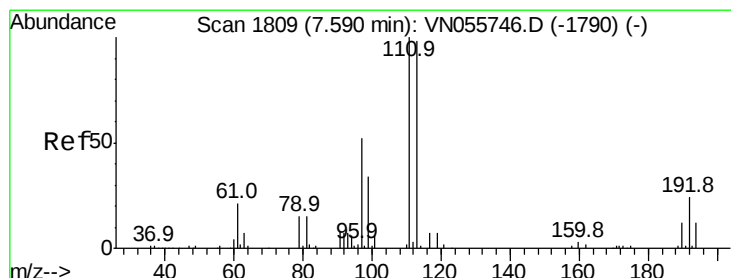
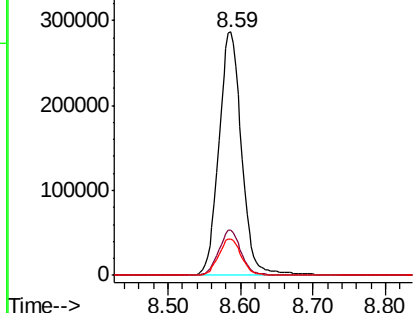
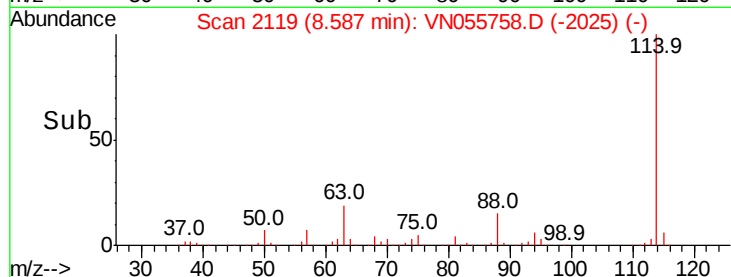
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055758.D
 Acq: 23 May 2019 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-21

Tot Ion:114 Resp: 622386
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.1 0.0 31.0

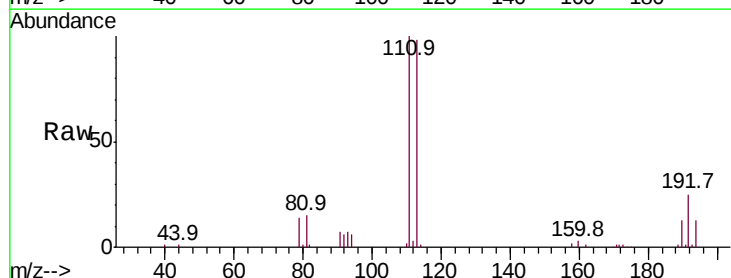


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

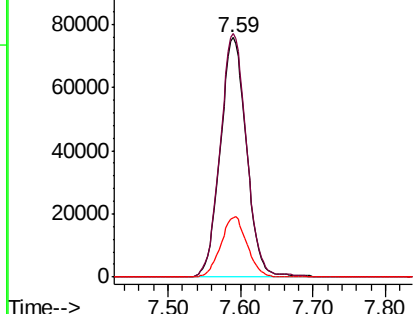
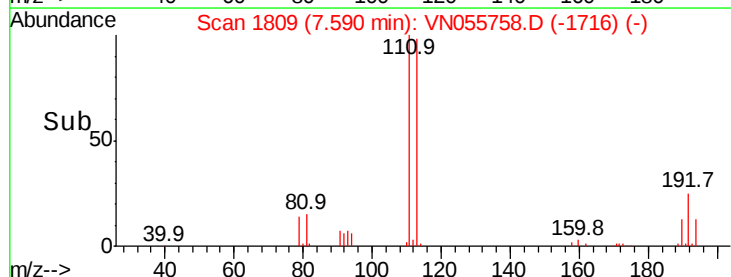


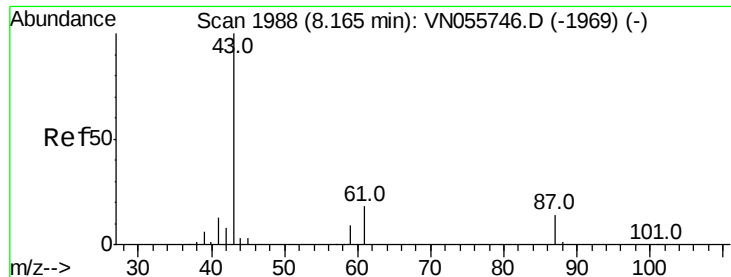
#35
 Dibromofluoromethane
 Concen: 48.299 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055758.D
 Acq: 23 May 2019 17:11

Tgt Ion:113 Resp: 190055
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 25.2 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





#43

Isopropyl Acetate

Concen: 1.505 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055758.D

Acq: 23 May 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

COMP-21

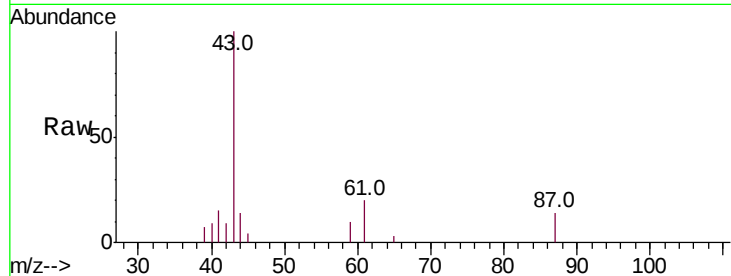
Tot Ion: 43 Resp: 13258

Ion Ratio Lower Upper

43 100

61 19.8 22.2 33.4#

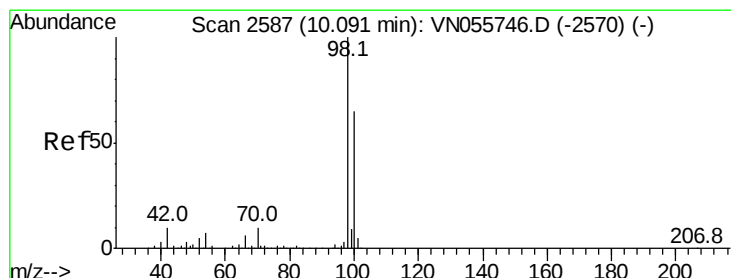
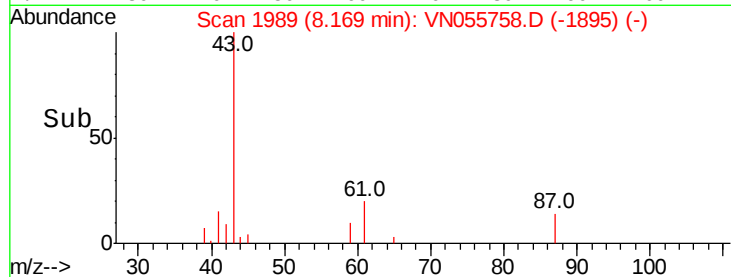
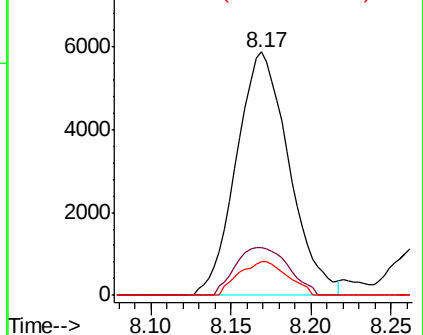
87 12.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#50

Toluene-d8

Concen: 48.903 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055758.D

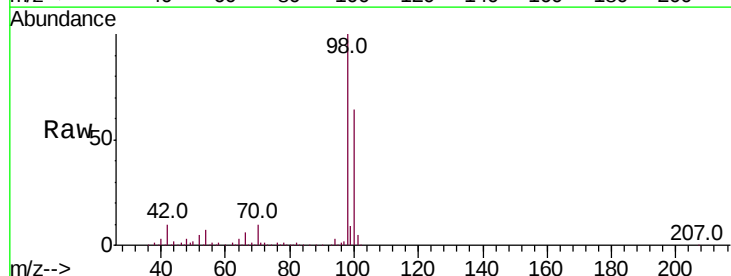
Acq: 23 May 2019 17:11

Tgt Ion: 98 Resp: 738137

Ion Ratio Lower Upper

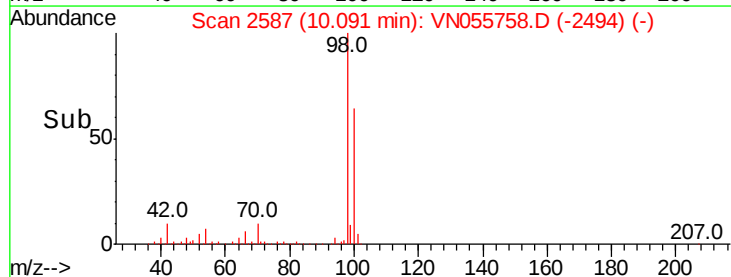
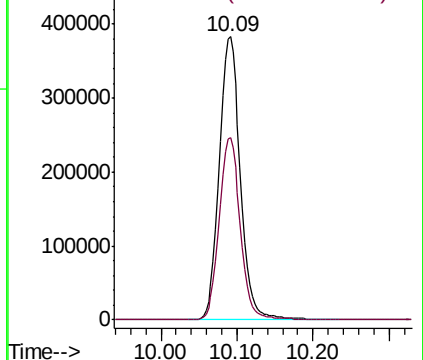
98 100

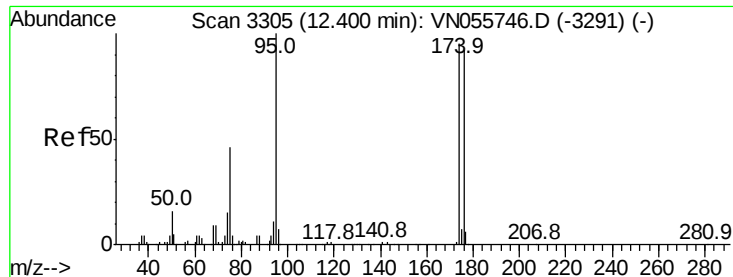
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 46.738 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055758.D

Acq: 23 May 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

COMP-21

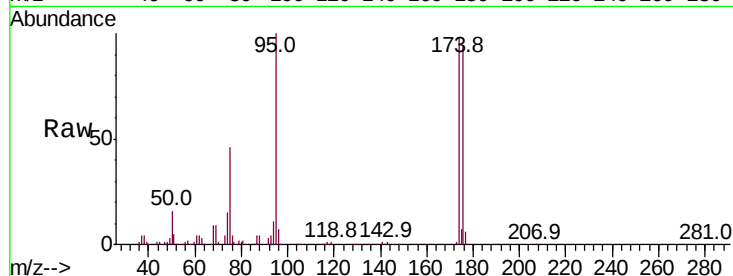
Tot Ion: 95 Resp: 241896

Ion Ratio Lower Upper

95 100

174 98.7 0.0 191.0

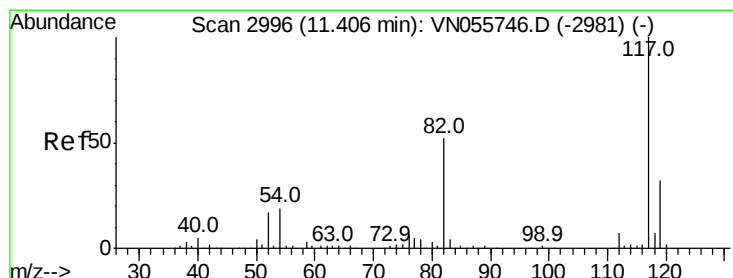
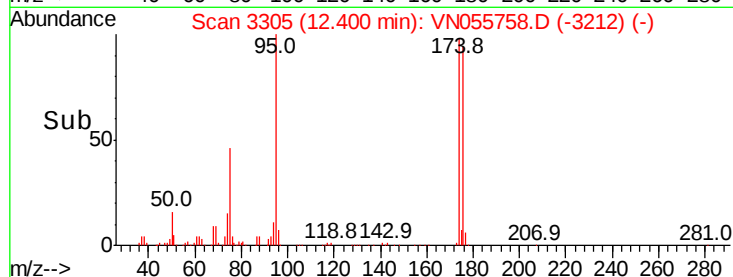
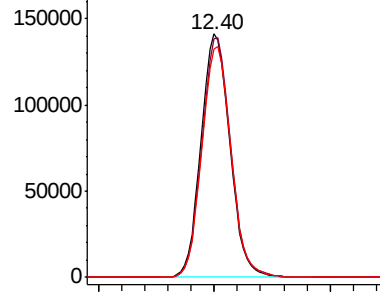
176 95.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055758.D

Acq: 23 May 2019 17:11

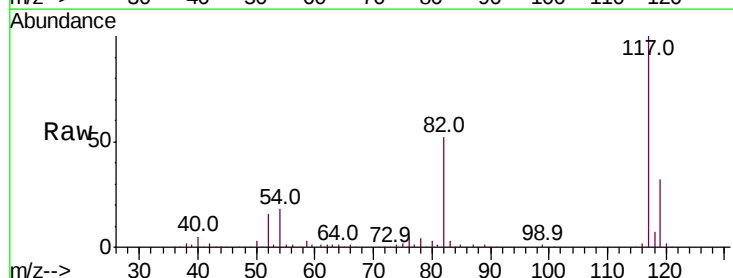
Tgt Ion: 117 Resp: 556419

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

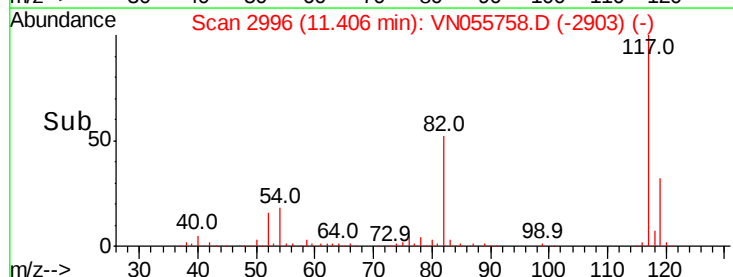
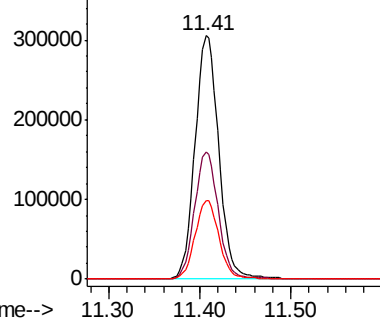
119 32.4 25.4 38.0

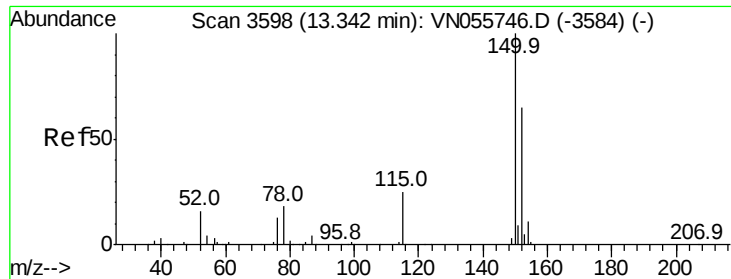


Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055758.D

Acq: 23 May 2019 17:11

Instrument :

MSVOA_N

ClientSampled :

COMP-21

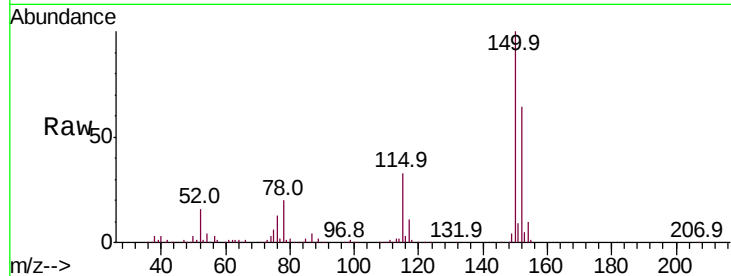
Tot Ion:152 Resp: 218101

Ion Ratio Lower Upper

152 100

115 52.5 27.0 81.0

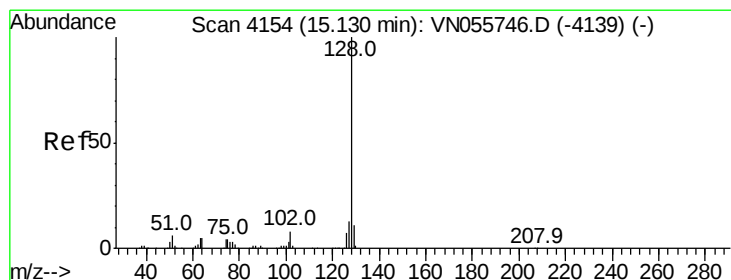
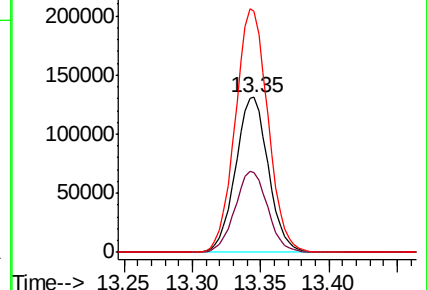
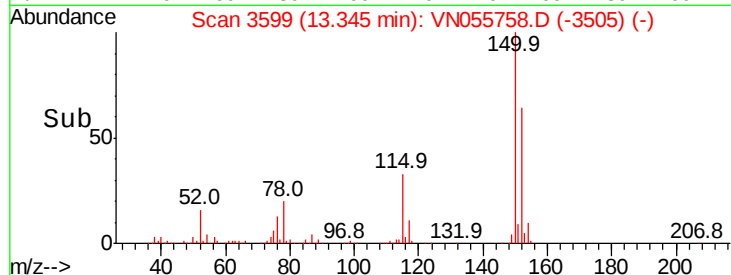
150 157.3 0.0 343.2



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



#95

Naphthalene

Concen: 5.675 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055758.D

Acq: 23 May 2019 17:11

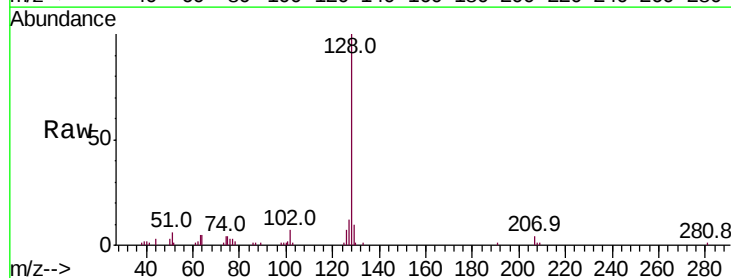
Tgt Ion:128 Resp: 57256

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

