

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055763.D
 Acq On : 23 May 2019 19:17
 Operator : JC/SP
 Sample : K2647-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-052219-A

Quant Time: May 24 07:29:39 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

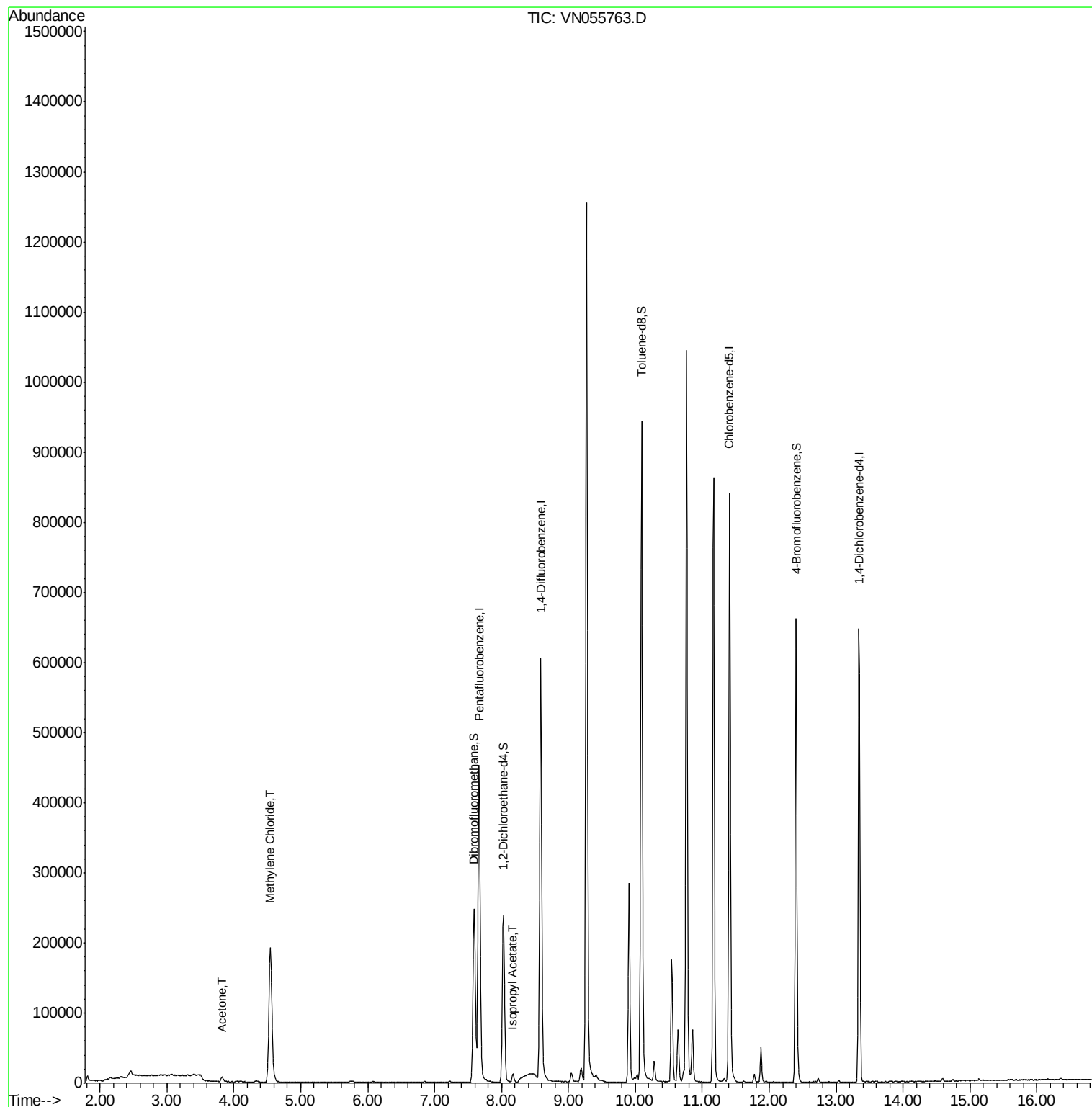
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	439744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	608045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	204285	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
35) Dibromofluoromethane	7.59	113	185733	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	10.09	98	715121	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.40	95	229075	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
16) Acetone	3.83	43	12303	6.163	ug/l	98
20) Methylene Chloride	4.55	84	157630	36.461	ug/l	98
43) Isopropyl Acetate	8.17	43	15234	1.770	ug/l #	88

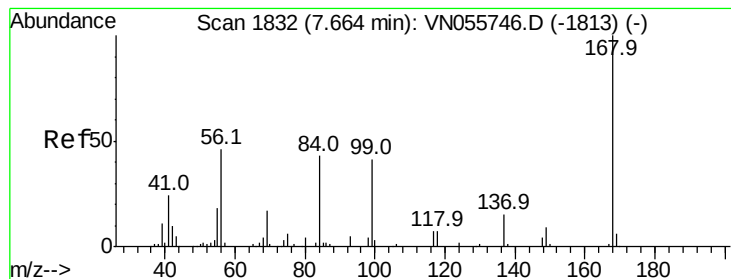
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 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: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

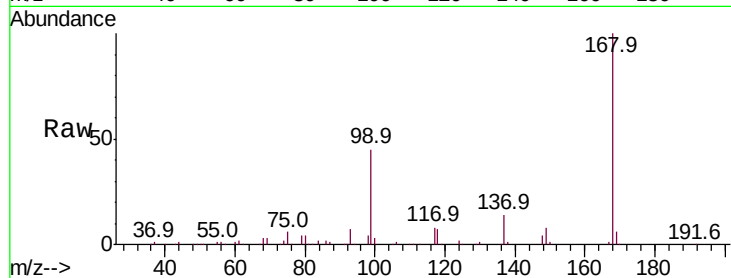
SU-03-052219-A

Tot Ion:168 Resp: 439744

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

200000

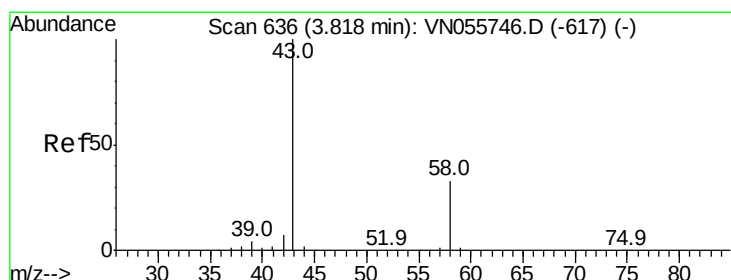
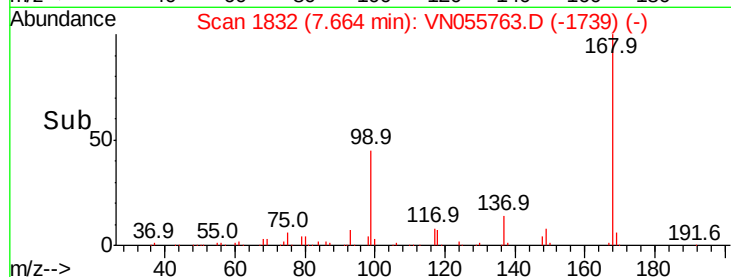
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.163 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055763.D

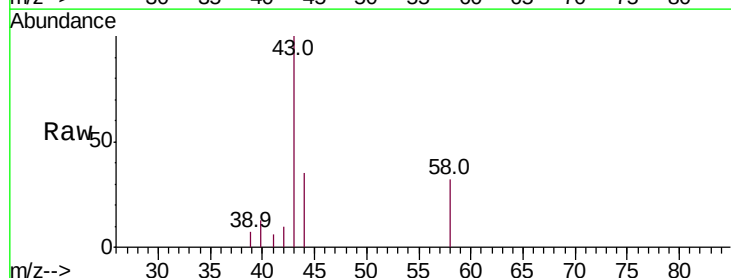
Acq: 23 May 2019 19:17

Tgt Ion: 43 Resp: 12303

Ion Ratio Lower Upper

43 100

58 31.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

4000

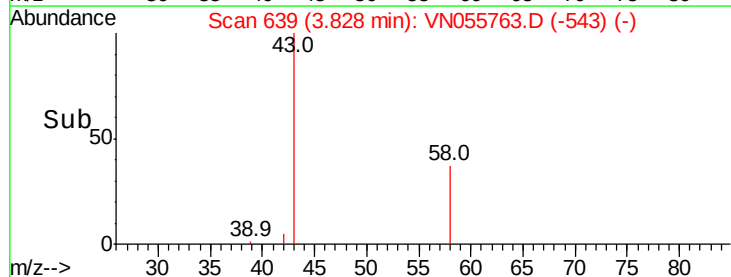
3000

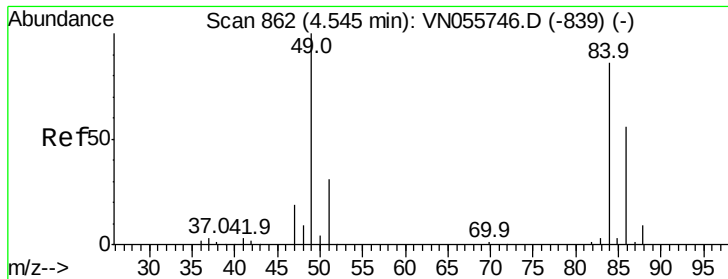
2000

1000

0

Time-->

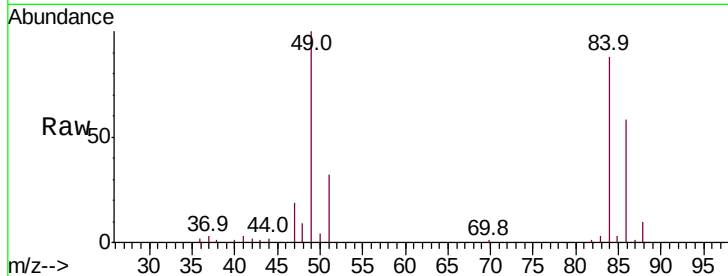




#20
Methylene Chloride
Concen: 36.461 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055763.D
Acq: 23 May 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SU-03-052219-A

Tot Ion:	84	Resp:	157630
Ion	Ratio	Lower	Upper
84	100		
49	113.2	93.5	140.3
51	35.7	28.6	43.0
86	65.3	52.6	79.0



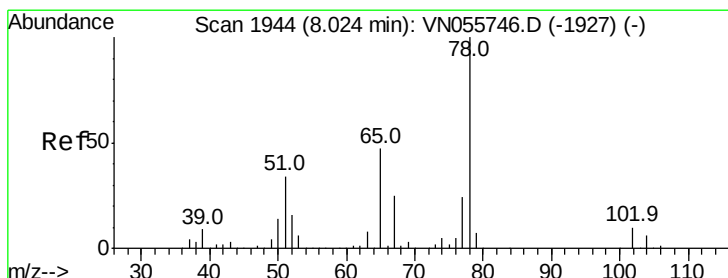
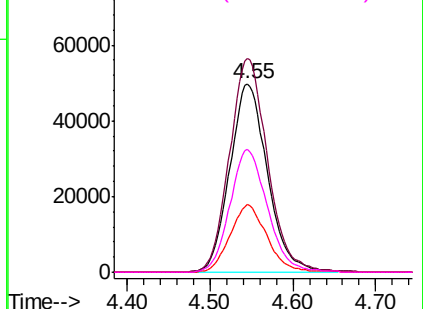
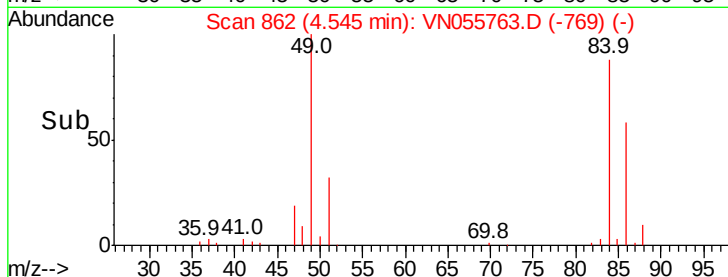
Abundance

Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

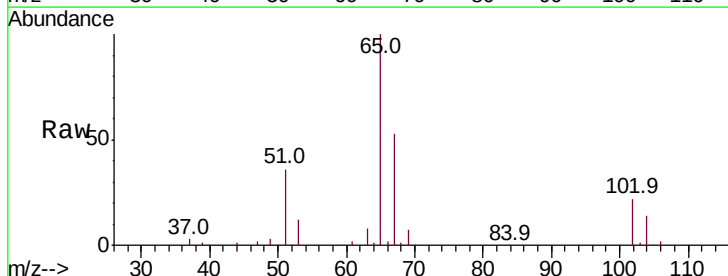
Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: 44.984 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055763.D
Acq: 23 May 2019 19:17

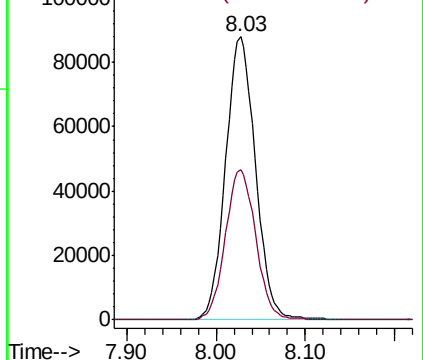
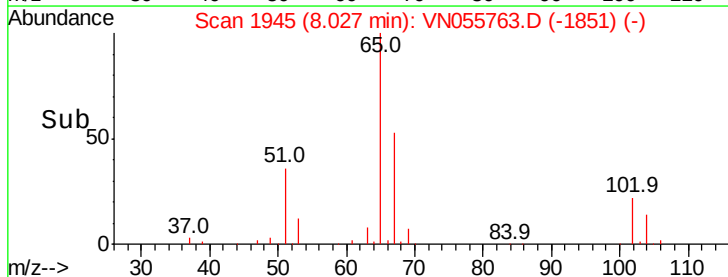
Tgt Ion:	65	Resp:	204285
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.2

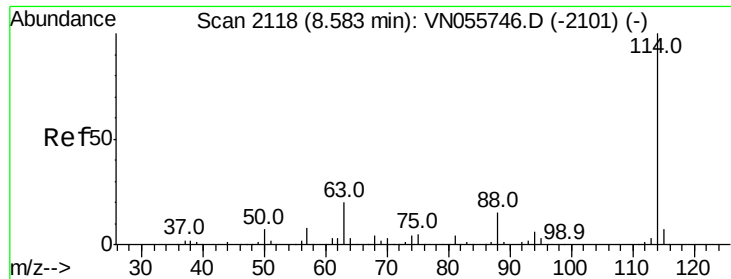


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

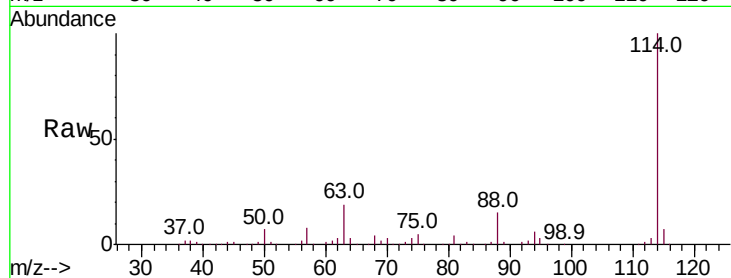




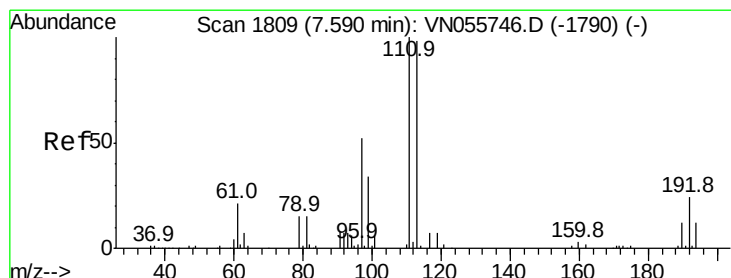
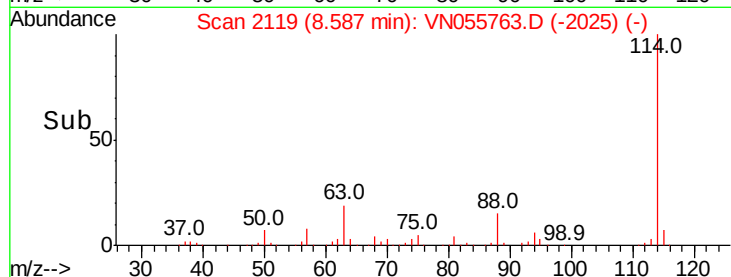
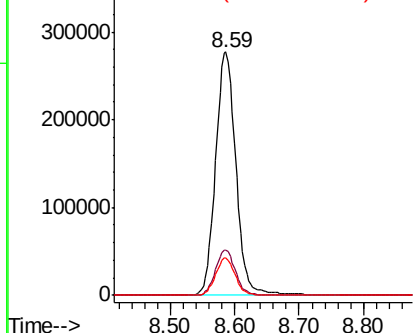
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-052219-A

Tot Ion:114 Resp: 608045
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.2 0.0 31.0

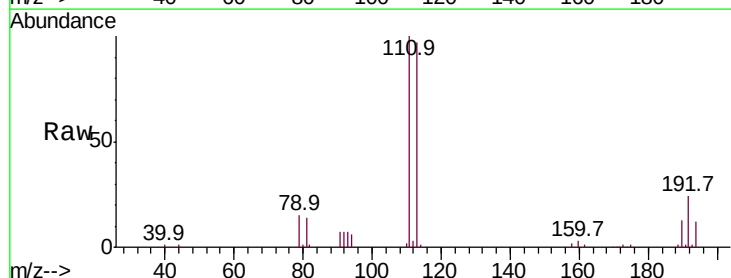


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

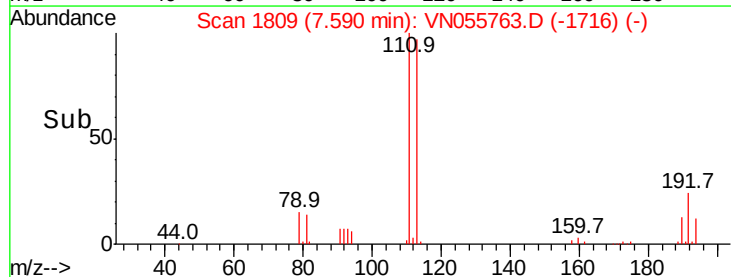
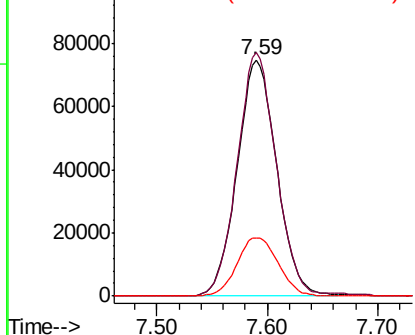


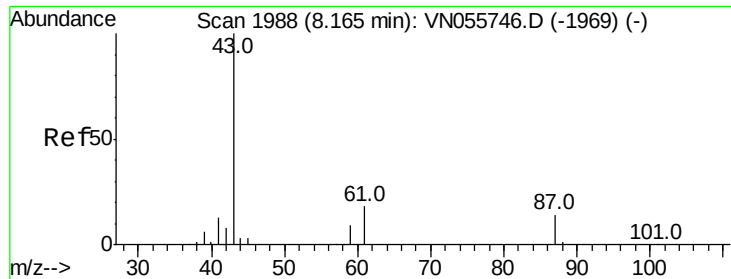
#35
 Dibromofluoromethane
 Concen: 48.314 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Tgt Ion:113 Resp: 185733
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 25.8 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: 1.770 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

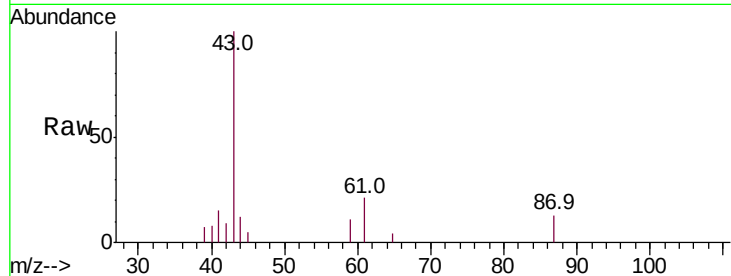
Tot Ion: 43 Resp: 15234

Ion Ratio Lower Upper

43 100

61 19.9 22.2 33.4#

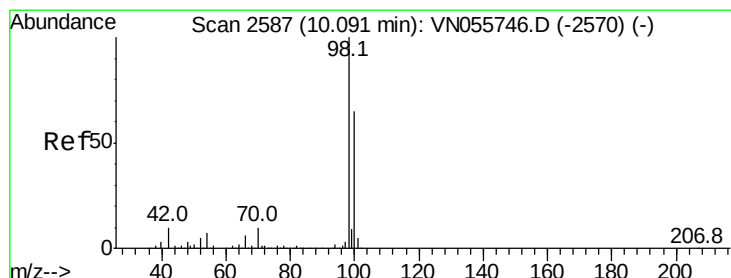
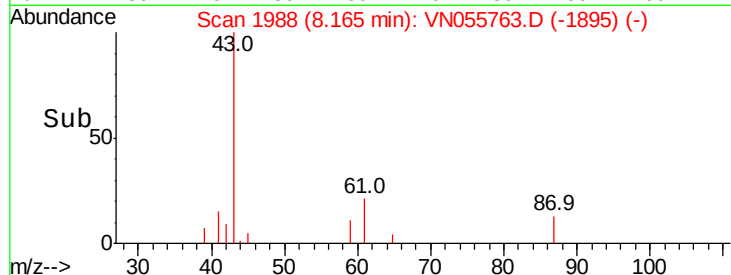
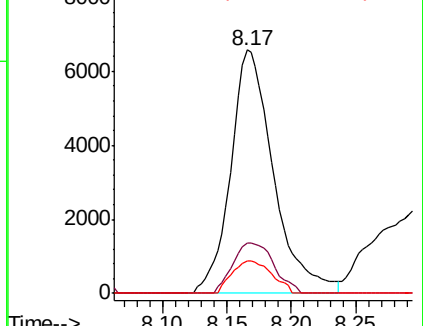
87 12.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.495 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055763.D

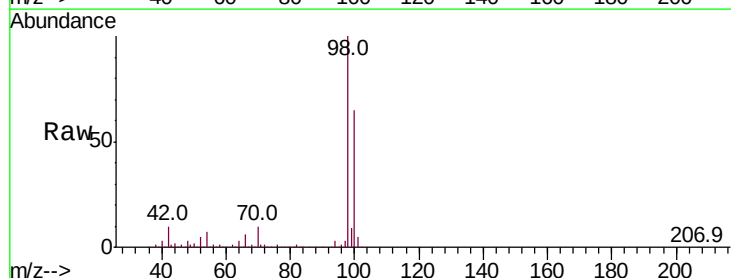
Acq: 23 May 2019 19:17

Tgt Ion: 98 Resp: 715121

Ion Ratio Lower Upper

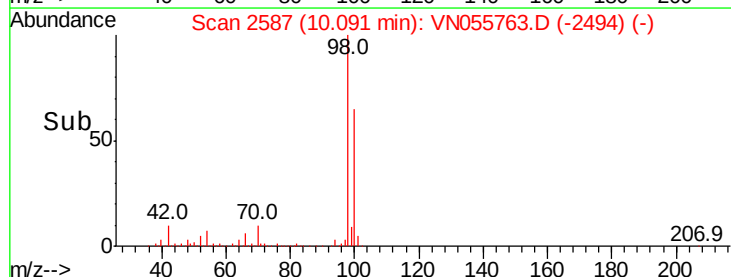
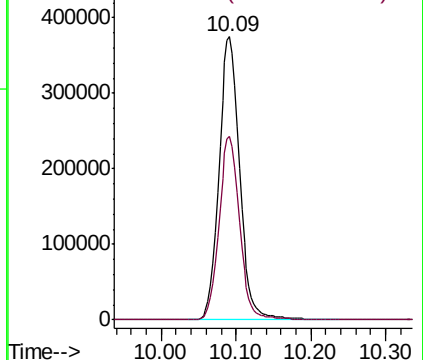
98 100

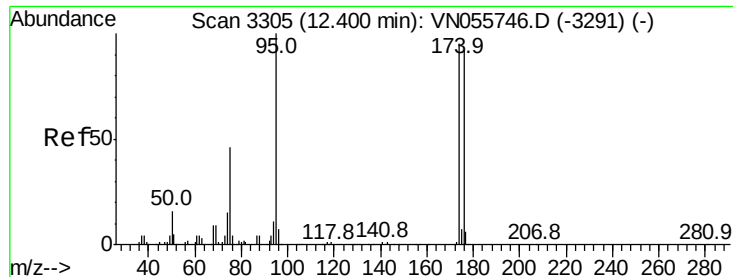
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.305 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

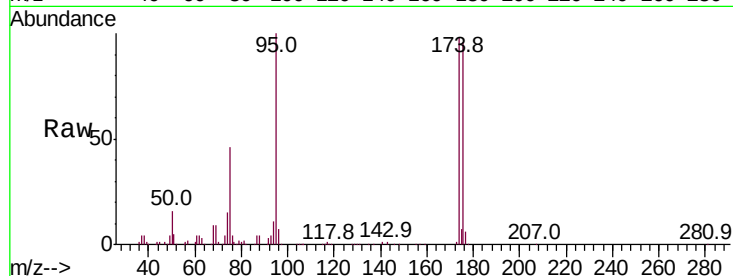
Tot Ion: 95 Resp: 229075

Ion Ratio Lower Upper

95 100

174 98.9 0.0 191.0

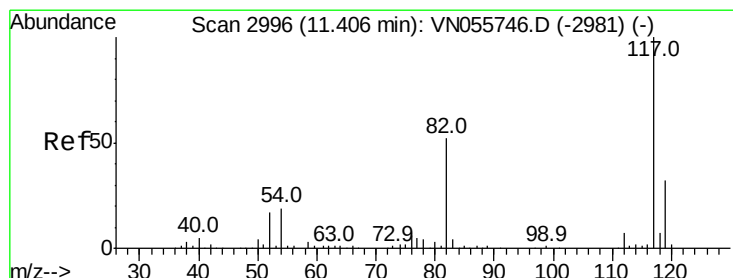
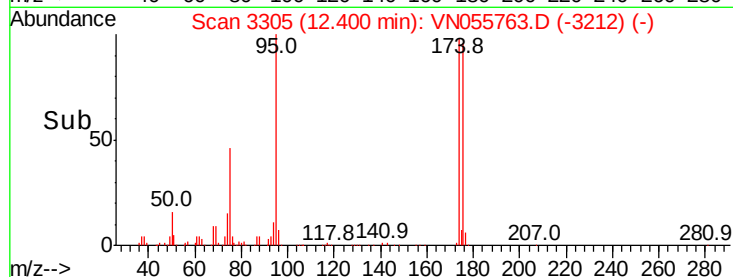
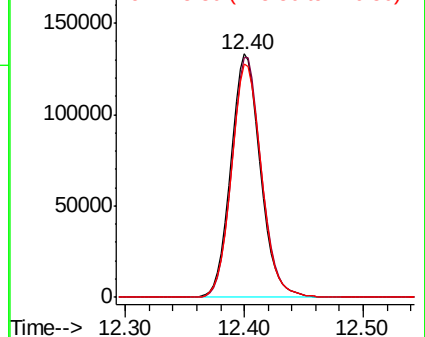
176 97.3 0.0 185.2



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: VN055763.D

Acq: 23 May 2019 19:17

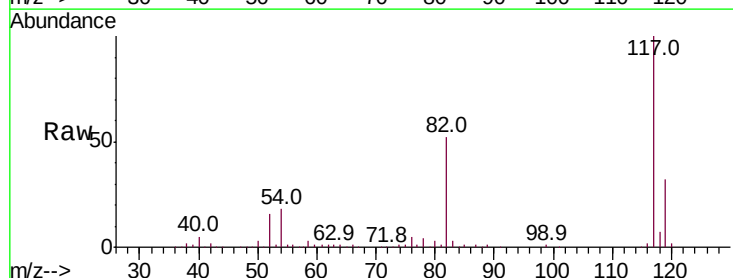
Tgt Ion: 117 Resp: 541606

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

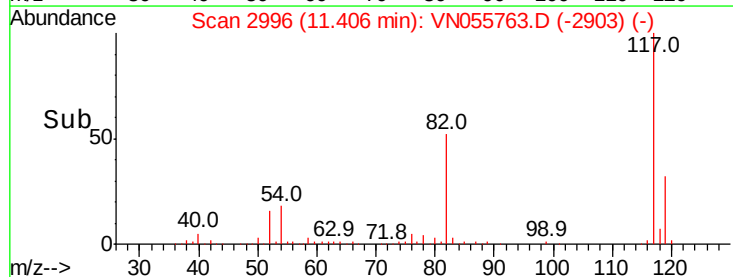
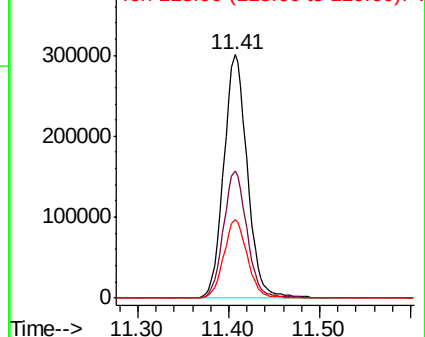
119 32.2 25.4 38.0

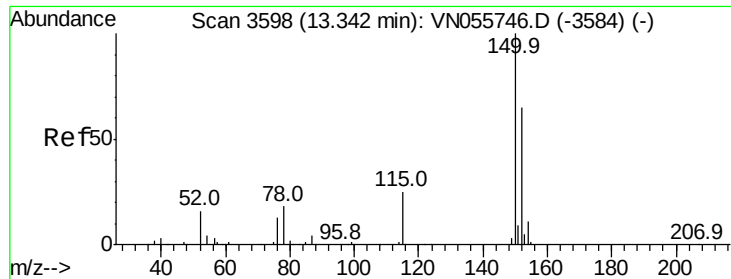


Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

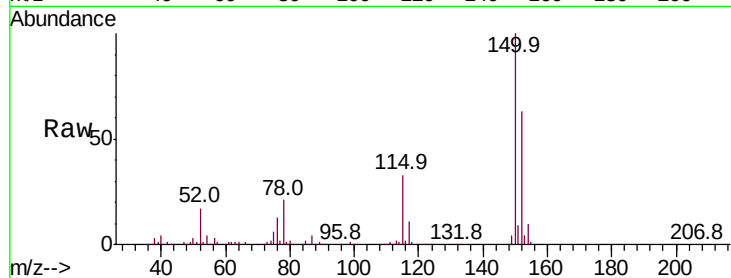
Tot Ion:152 Resp: 201094

Ion Ratio Lower Upper

152 100

115 52.6 27.0 81.0

150 156.9 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

