

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055835.D
 Acq On : 25 May 2019 8:24
 Operator : JC/SP
 Sample : K3026-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-S

Quant Time: May 27 00:00:07 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

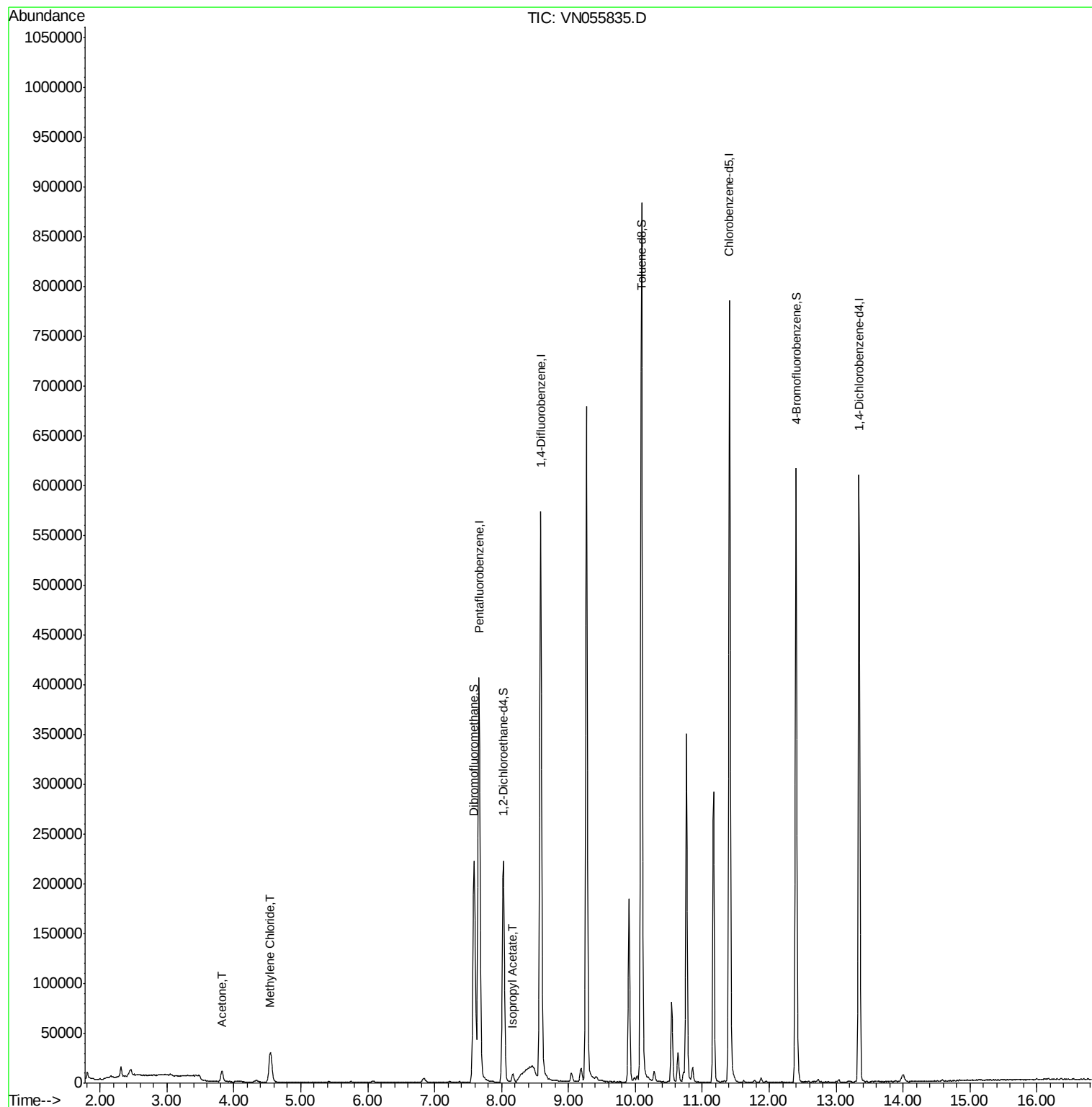
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	394235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	562716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	185775	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
35) Dibromofluoromethane	7.59	113	170670	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	10.09	98	669247	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.40	95	218376	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
16) Acetone	3.82	43	18724	10.462	ug/l	98
20) Methylene Chloride	4.54	84	24657	6.362	ug/l	91
43) Isopropyl Acetate	8.17	43	10796	1.356	ug/l #	90

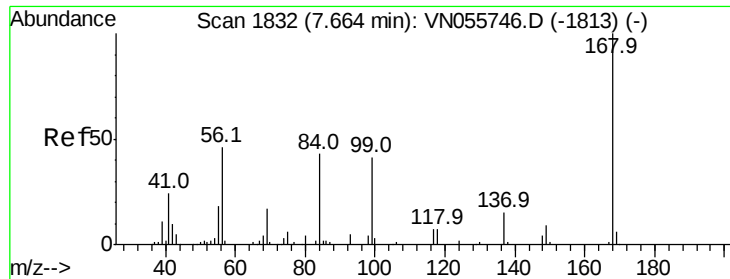
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
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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: VN055835.D

Acq: 25 May 2019 8:24

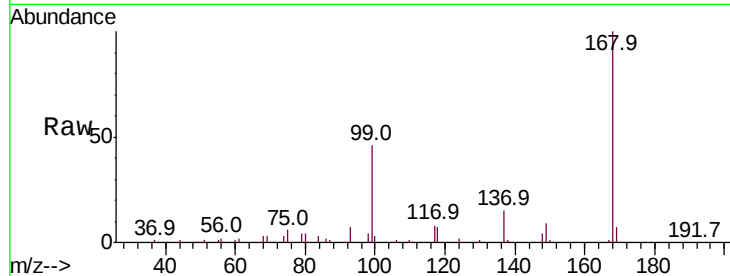
Instrument :
MSVOA_N
ClientSampled :
TP-5-S

Tot Ion:168 Resp: 394235

Ion Ratio Lower Upper

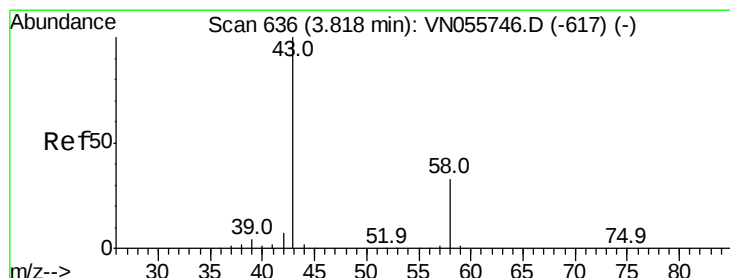
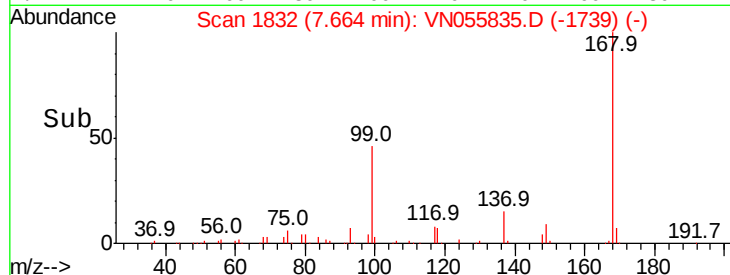
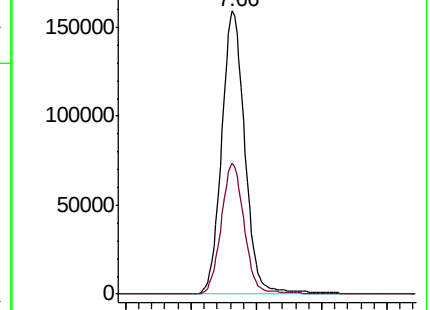
168 100

99 46.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.462 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055835.D

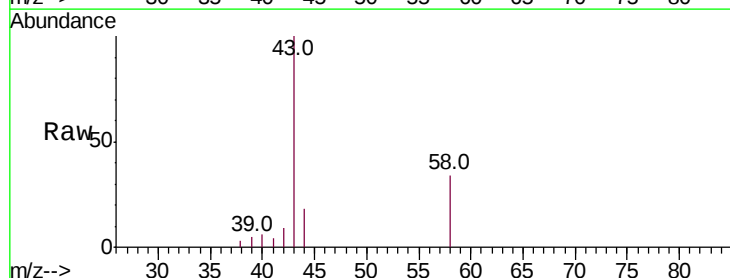
Acq: 25 May 2019 8:24

Tgt Ion: 43 Resp: 18724

Ion Ratio Lower Upper

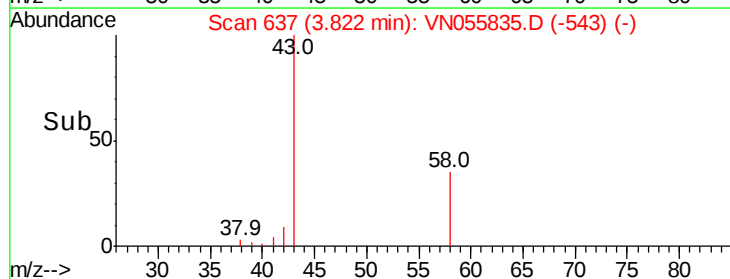
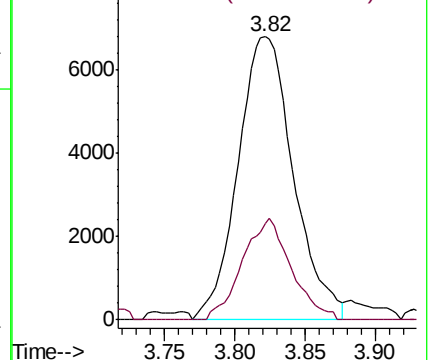
43 100

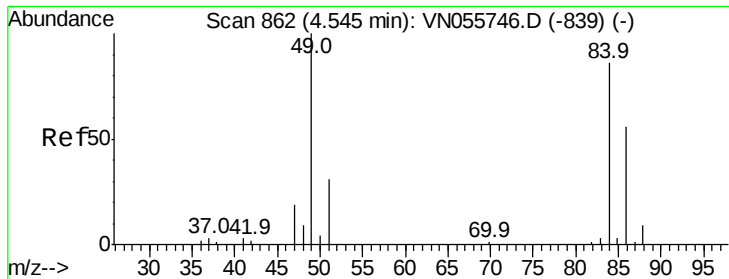
58 34.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

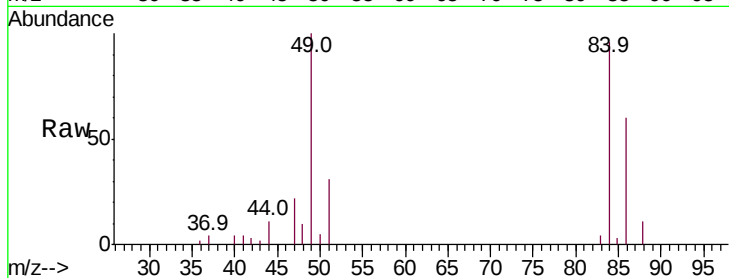




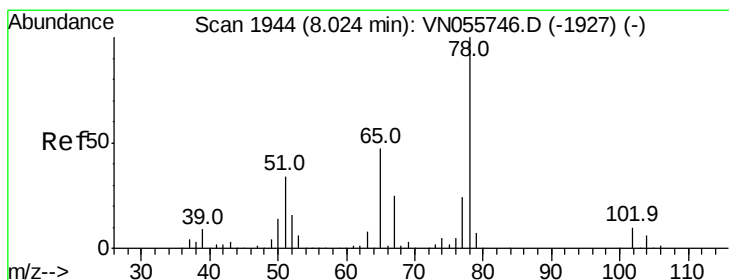
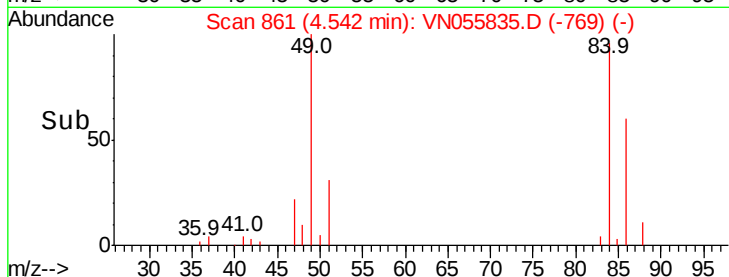
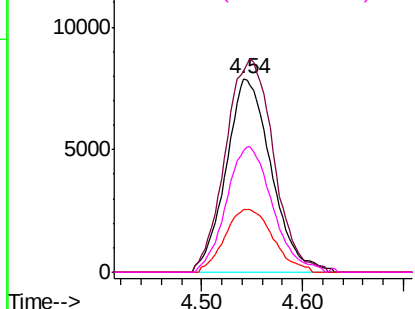
#20
Methvlene Chloride
Concen: 6.362 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055835.D
Acq: 25 May 2019 8:24

Instrument :
MSVOA_N
ClientSampled :
TP-5-S

Tot Ion:	84	Resp:	24657
Ion	Ratio	Lower	Upper
84	100		
49	103.8	93.5	140.3
51	32.1	28.6	43.0
86	62.5	52.6	79.0

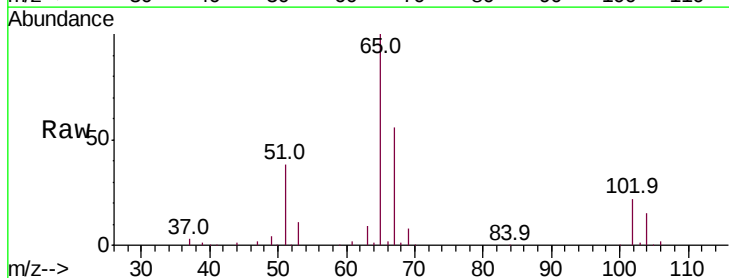


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

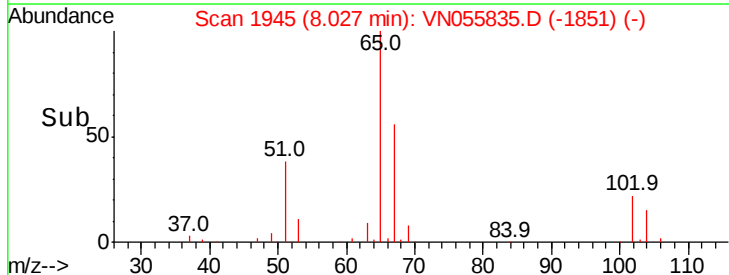
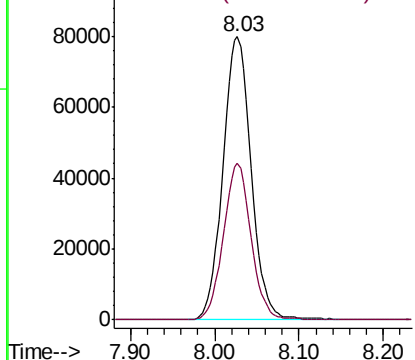


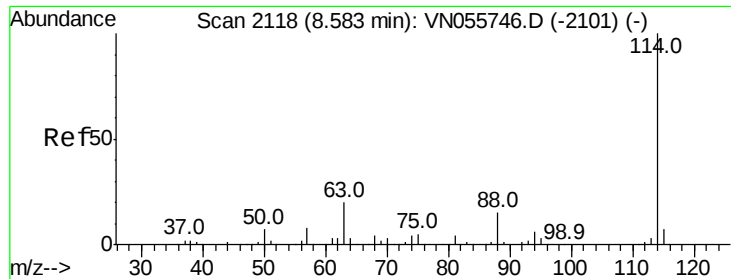
#33
1,2-Dichloroethane-d4
Concen: 45.630 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055835.D
Acq: 25 May 2019 8:24

Tgt Ion:	65	Resp:	185775
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.2



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

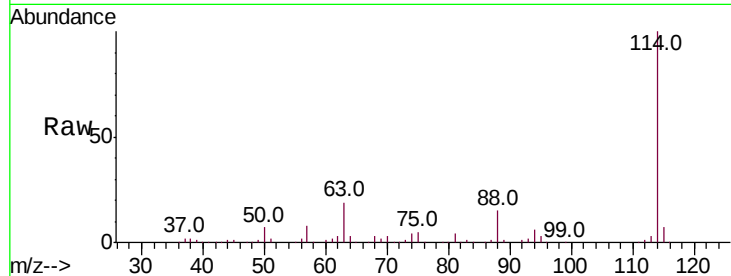




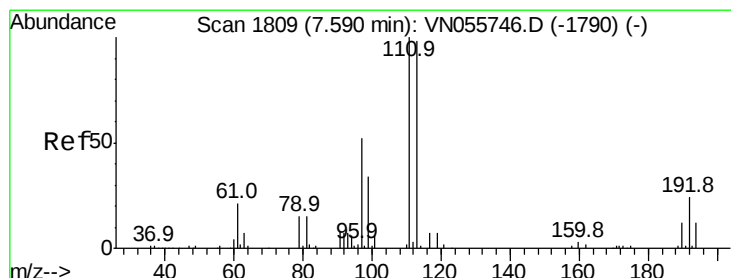
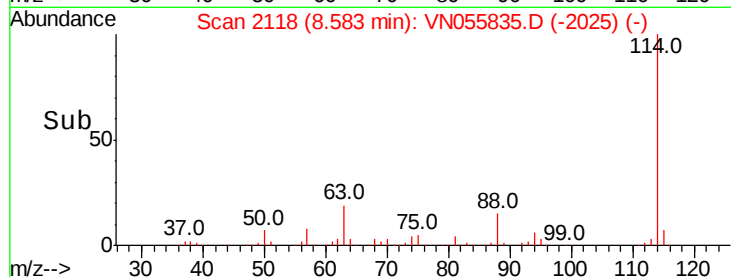
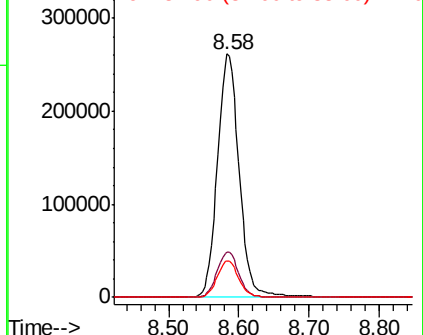
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055835.D
 Acq: 25 May 2019 8:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-S

Tot Ion:114 Resp: 562716
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.0 0.0 31.0

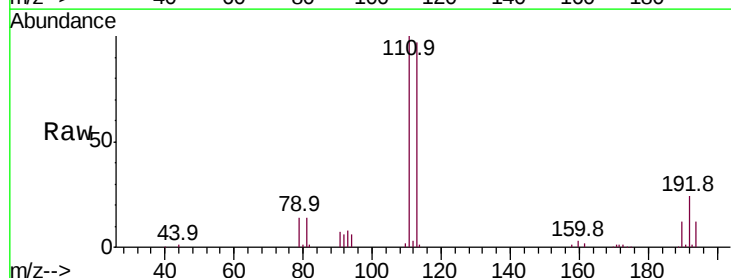


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

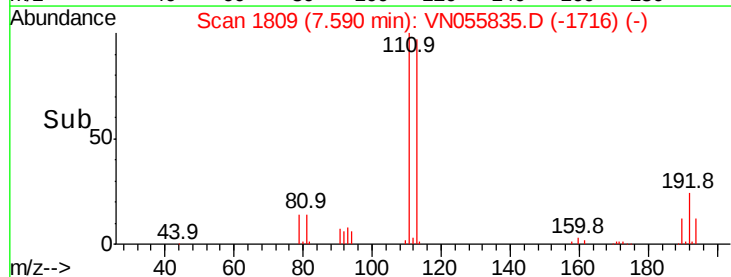
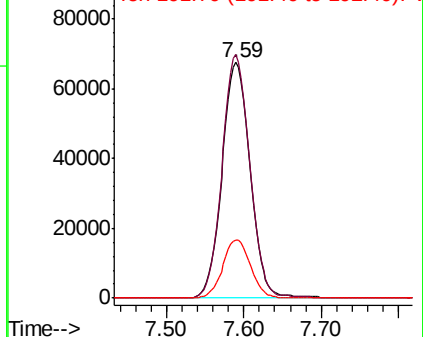


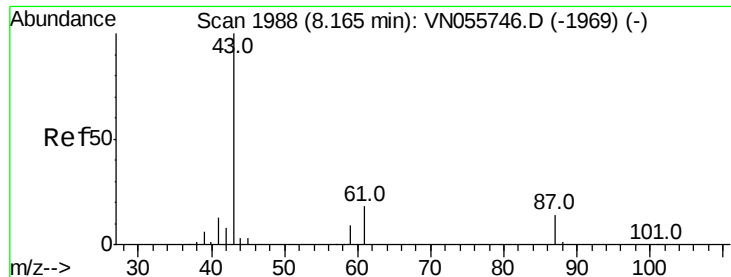
#35
 Dibromofluoromethane
 Concen: 47.972 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055835.D
 Acq: 25 May 2019 8:24

Tgt Ion:113 Resp: 170670
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 24.3 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: 1.356 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055835.D

Acq: 25 May 2019 8:24

Instrument :

MSVOA_N

ClientSampleId :

TP-5-S

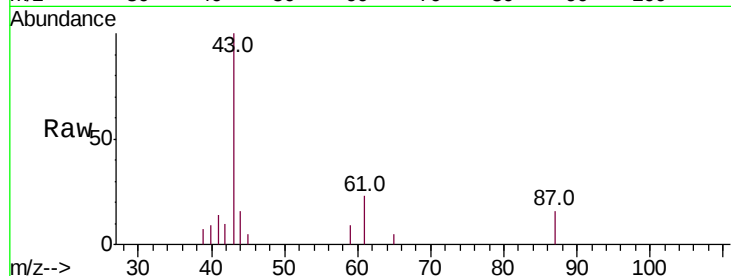
Tot Ion: 43 Resp: 10796

Ion Ratio Lower Upper

43 100

61 20.4 22.2 33.4#

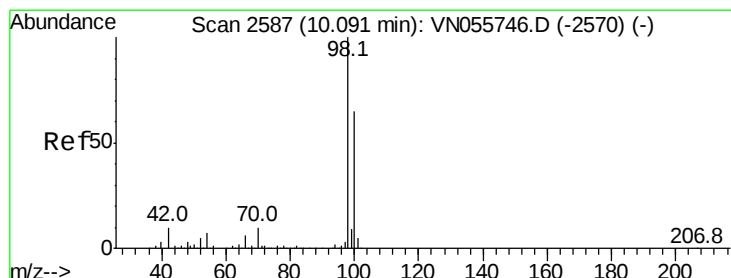
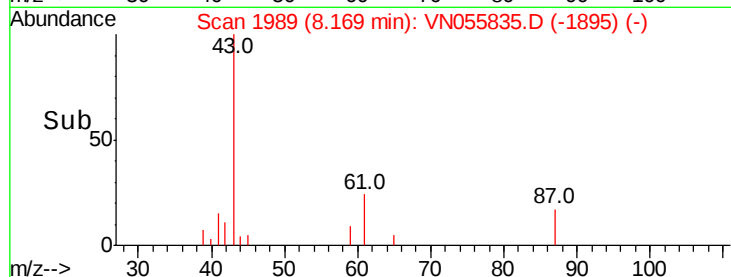
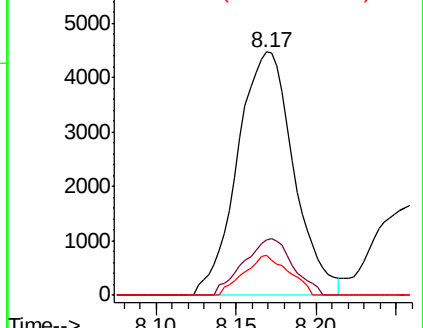
87 13.0 11.4 17.2



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: 49.040 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055835.D

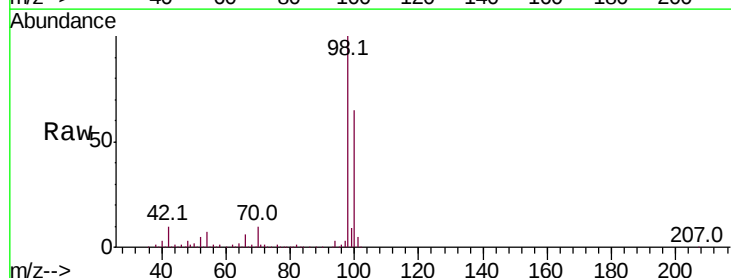
Acq: 25 May 2019 8:24

Tgt Ion: 98 Resp: 669247

Ion Ratio Lower Upper

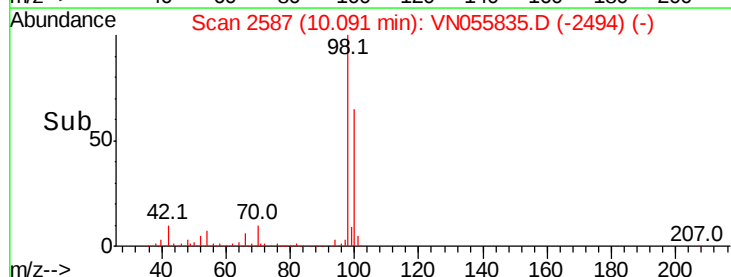
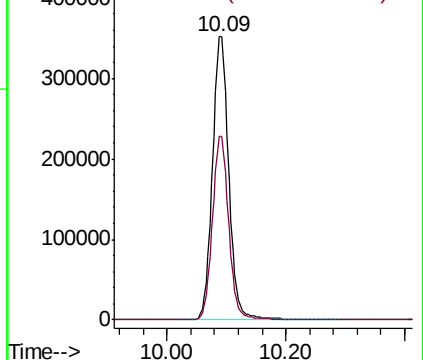
98 100

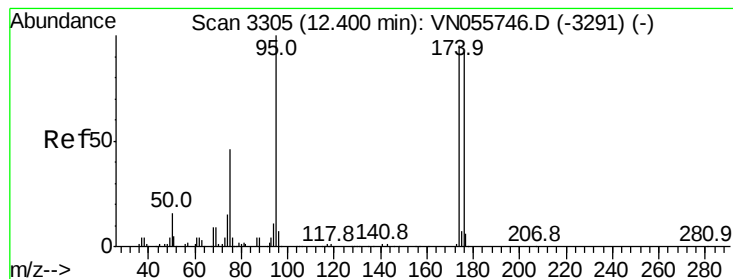
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.668 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055835.D

Acq: 25 May 2019 8:24

Instrument :

MSVOA_N

ClientSampleId :

TP-5-S

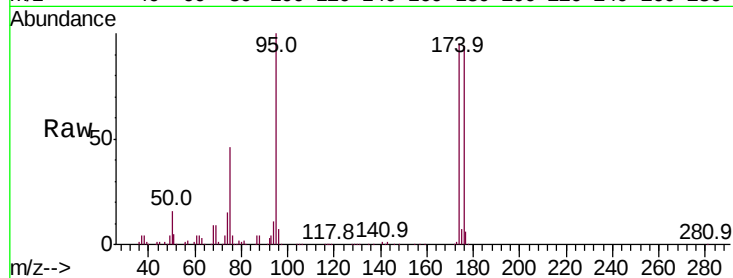
Tot Ion: 95 Resp: 218376

Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

176 94.1 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) (-)

12.40

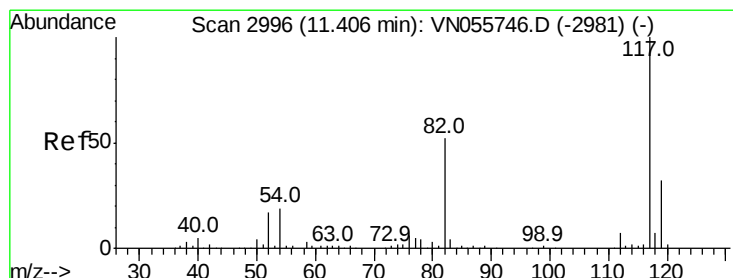
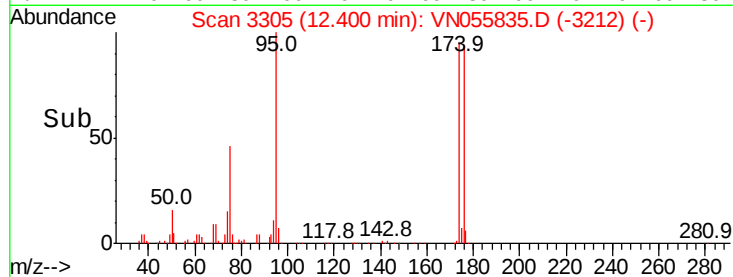
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055835.D

Acq: 25 May 2019 8:24

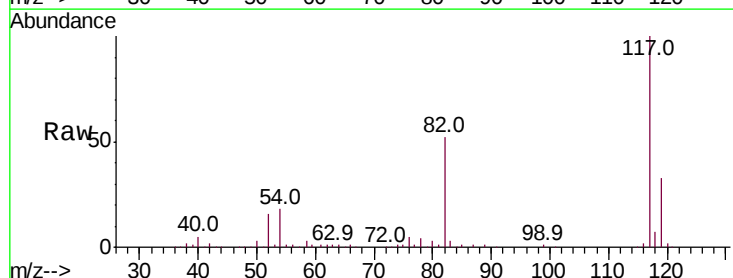
Tgt Ion: 117 Resp: 511703

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 33.1 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) (-)

11.41

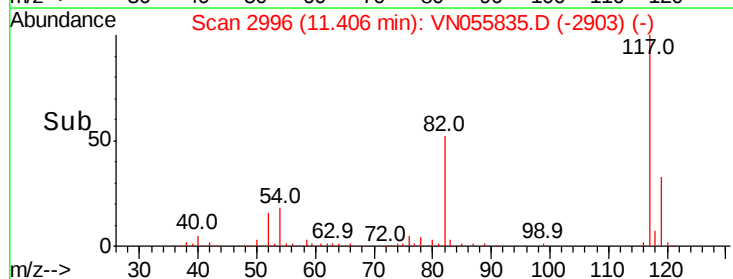
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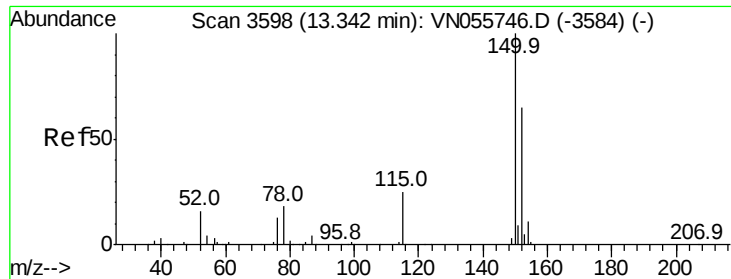
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055835.D

Acq: 25 May 2019 8:24

Instrument :

MSVOA_N

ClientSampleId :

TP-5-S

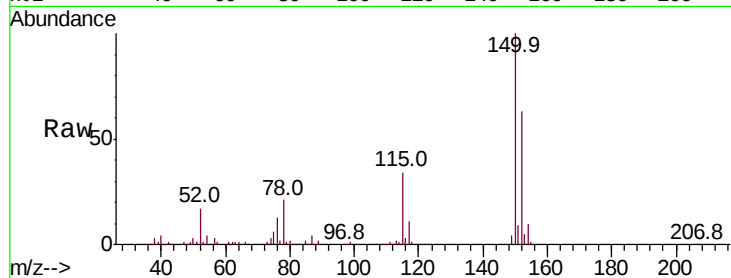
Tot Ion:152 Resp: 184399

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

150 156.5 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

