

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055972.D
 Acq On : 3 Jun 2019 19:40
 Operator : JC/SP
 Sample : K3139-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A-D

Quant Time: Jun 04 03:20:57 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

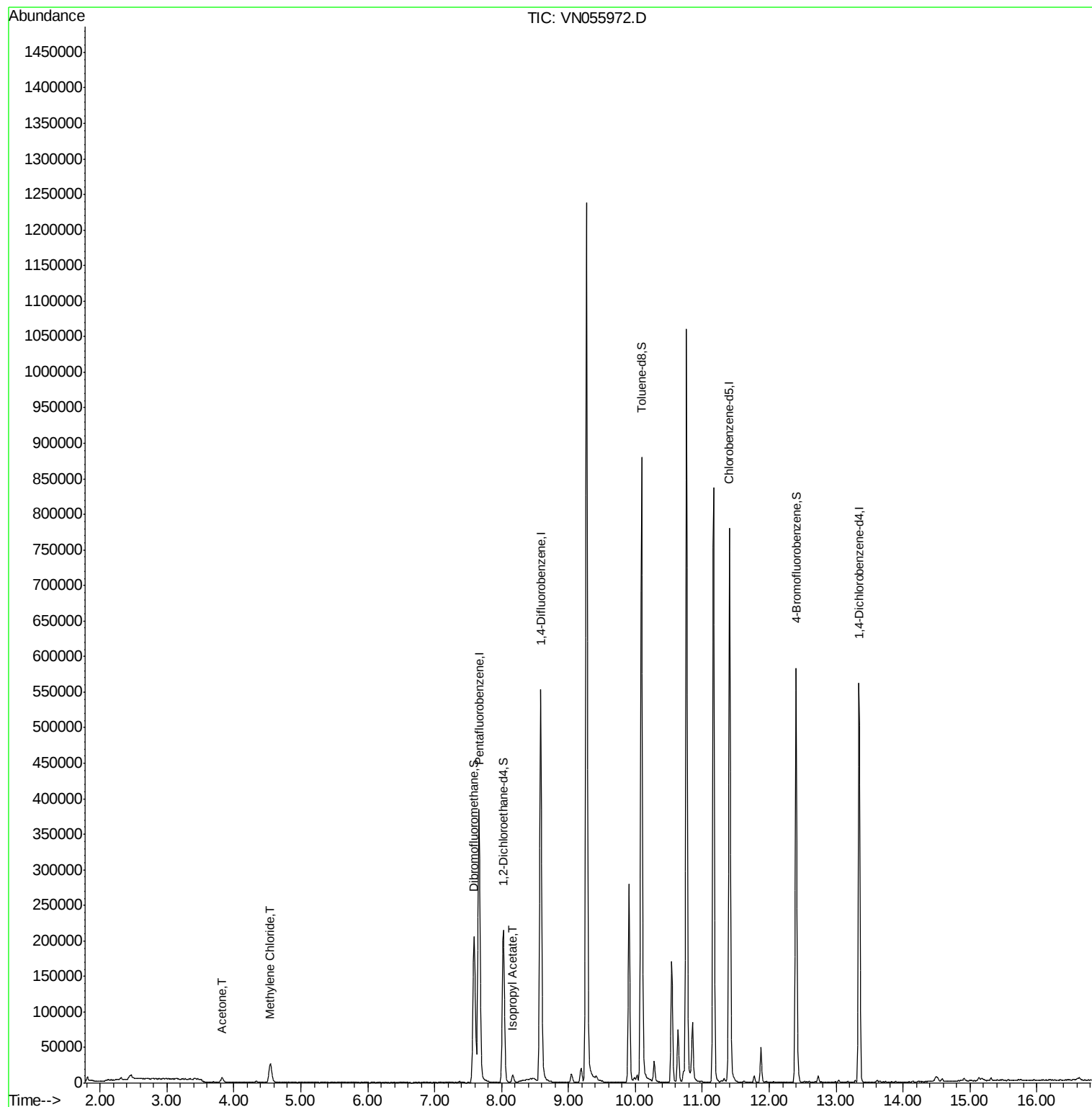
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	367081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	547114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	179203	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
35) Dibromofluoromethane	7.59	113	158300	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	10.09	98	652501	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.40	95	208758	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	3.82	43	11989	7.195	ug/l	96
20) Methylene Chloride	4.54	84	21575	5.978	ug/l	89
43) Isopropyl Acetate	8.17	43	13207	1.706	ug/l #	89

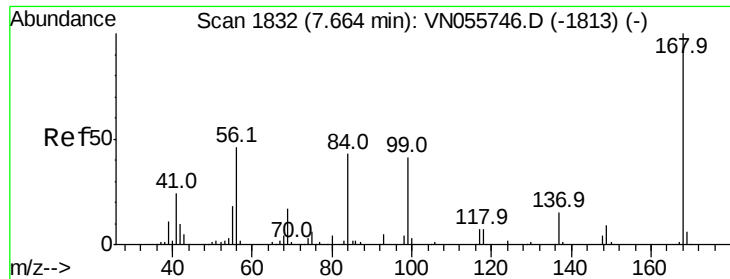
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055972.D

Acq: 3 Jun 2019 19:40

Instrument :

MSVOA_N

ClientSampled :

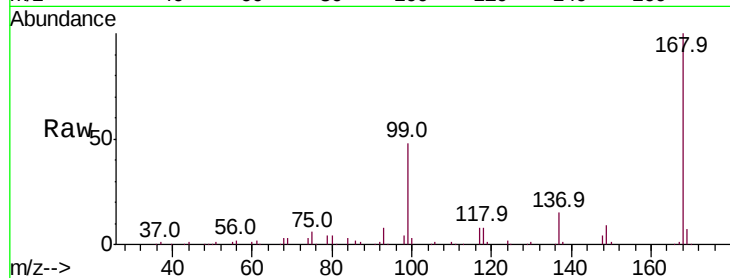
TP-1A-D

Tot Ion:168 Resp: 367081

Ion Ratio Lower Upper

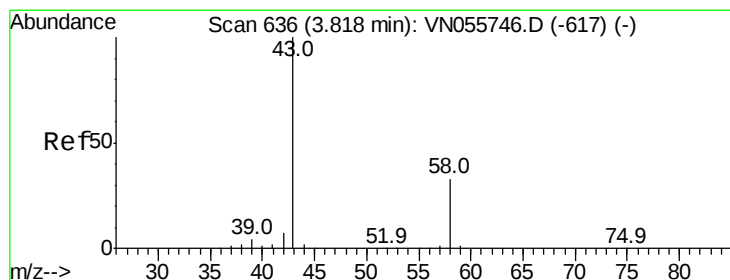
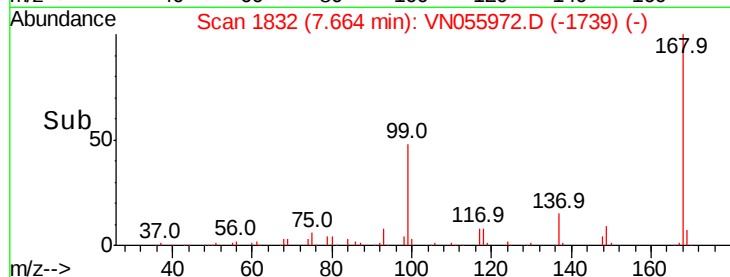
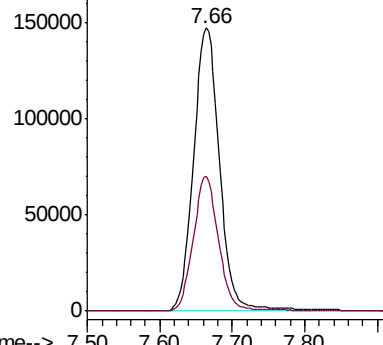
168 100

99 47.8 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: 7.195 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055972.D

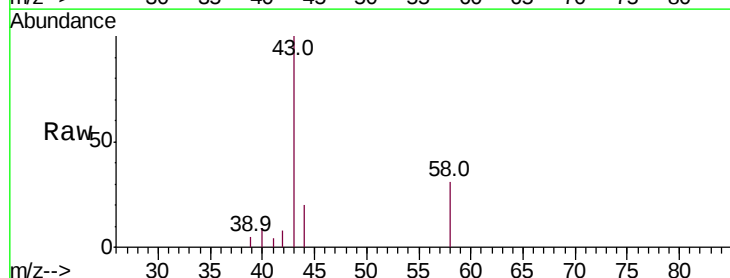
Acq: 3 Jun 2019 19:40

Tgt Ion: 43 Resp: 11989

Ion Ratio Lower Upper

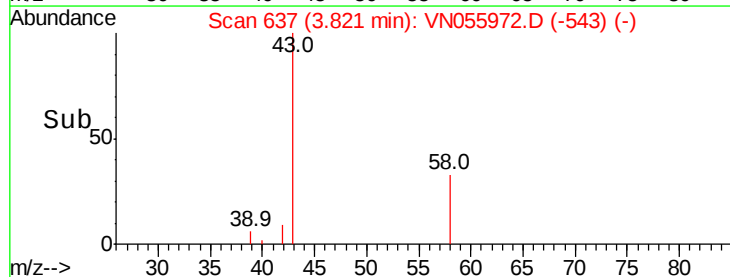
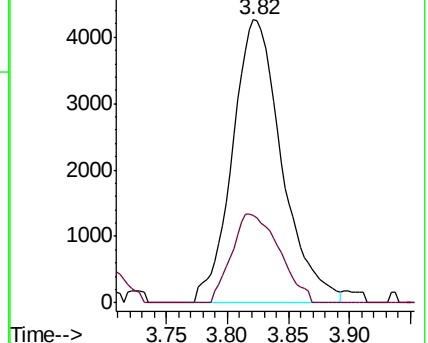
43 100

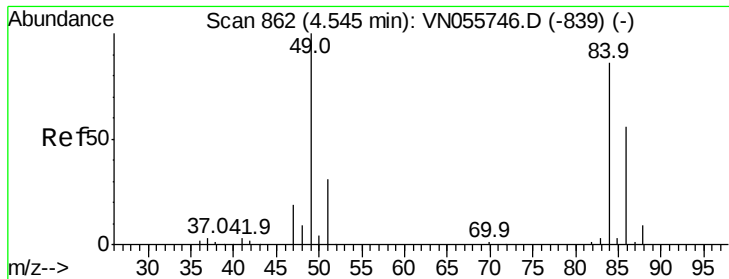
58 30.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

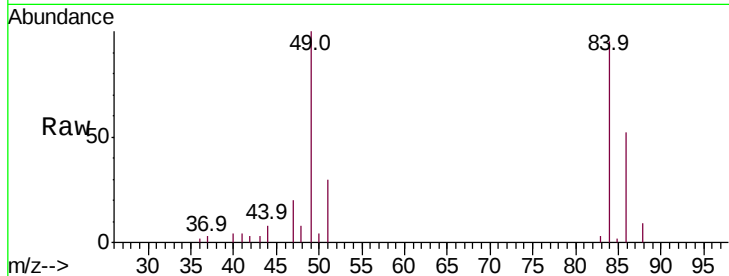




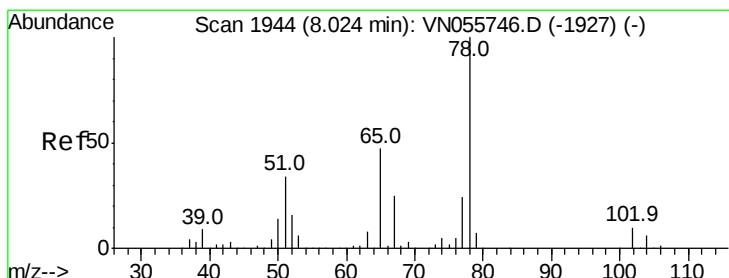
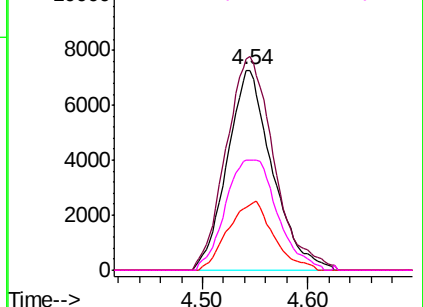
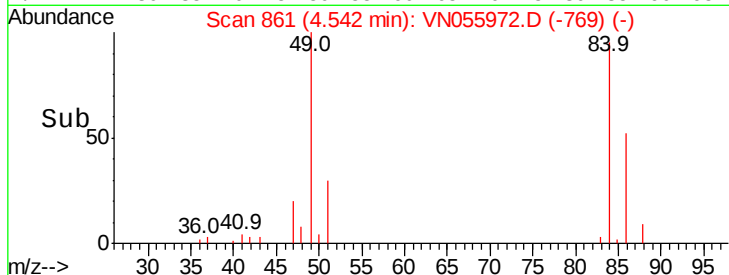
#20
Methvlene Chloride
Concen: 5.978 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055972.D
Acq: 3 Jun 2019 19:40

Instrument :
MSVOA_N
ClientSampleId :
TP-1A-D

Tot Ion:	84	Resp:	21575
Ion	Ratio	Lower	Upper
84	100		
49	105.4	93.5	140.3
51	31.5	28.6	43.0
86	55.3	52.6	79.0

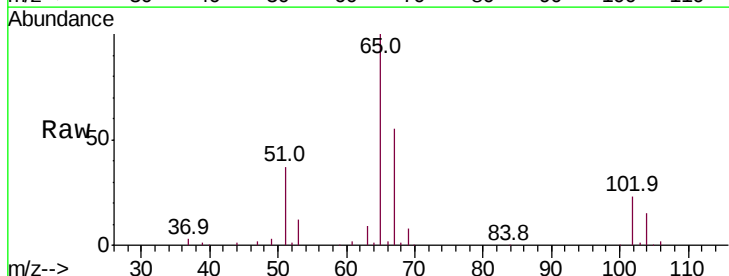


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

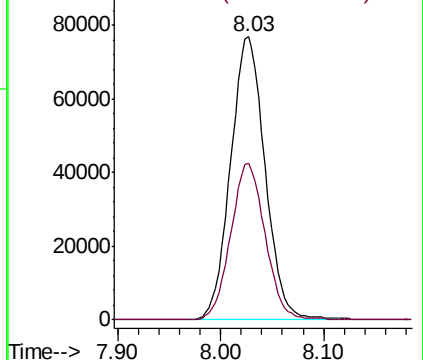
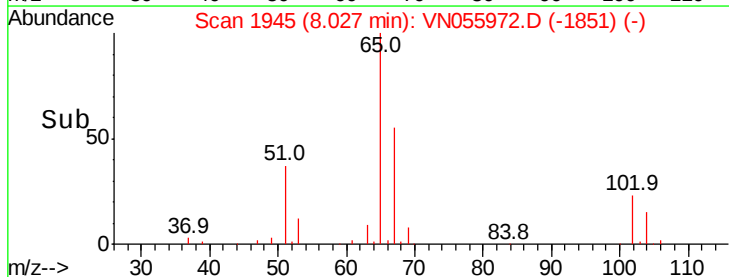


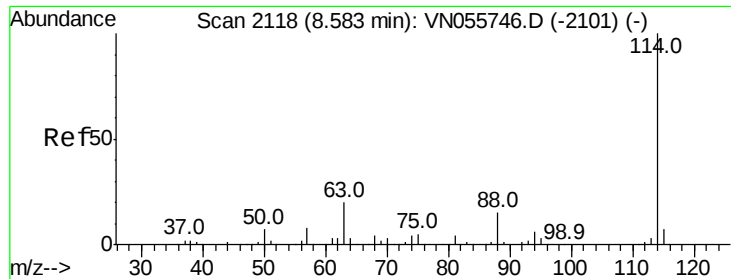
#33
1,2-Dichloroethane-d4
Concen: 47.272 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055972.D
Acq: 3 Jun 2019 19:40

Tgt Ion:	65	Resp:	179203
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	109.2



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

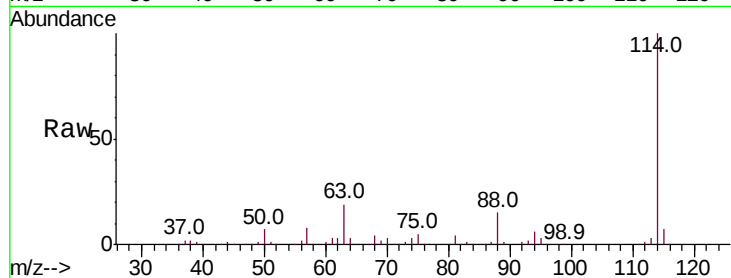




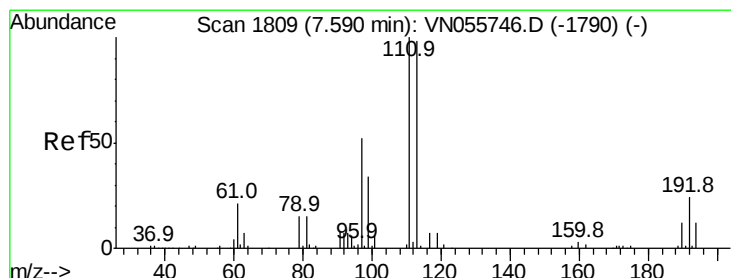
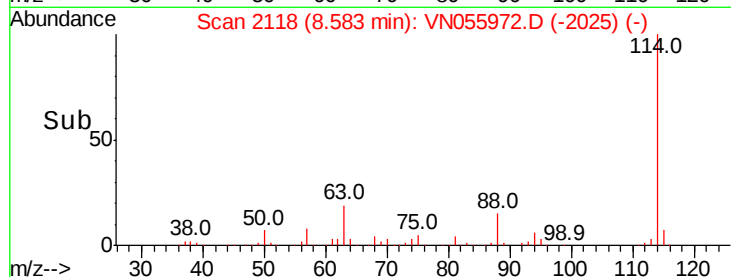
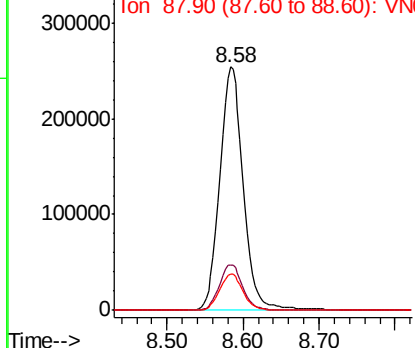
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055972.D
 Acq: 3 Jun 2019 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A-D

Tot Ion:114 Resp: 547114
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.1 0.0 31.0

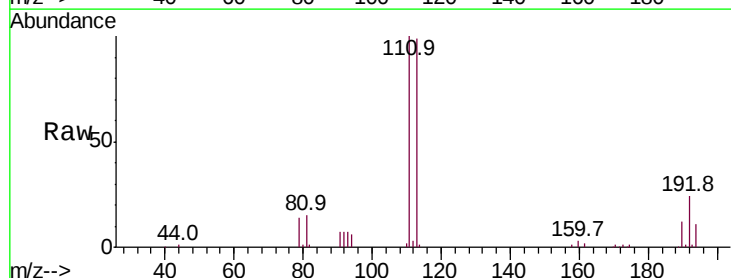


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

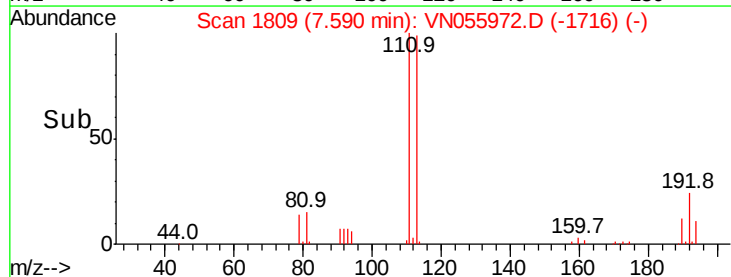
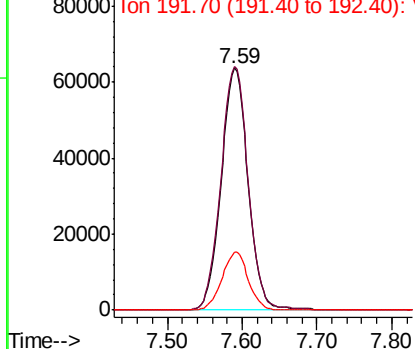


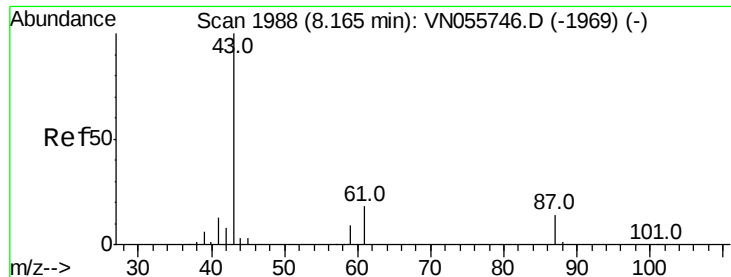
#35
 Dibromofluoromethane
 Concen: 45.764 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055972.D
 Acq: 3 Jun 2019 19:40

Tgt Ion:113 Resp: 158300
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 23.3 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: 1.706 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055972.D

Acq: 3 Jun 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-D

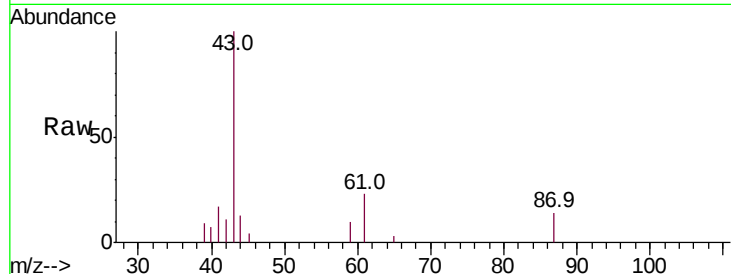
Tot Ion: 43 Resp: 13207

Ion Ratio Lower Upper

43 100

61 20.2 22.2 33.4#

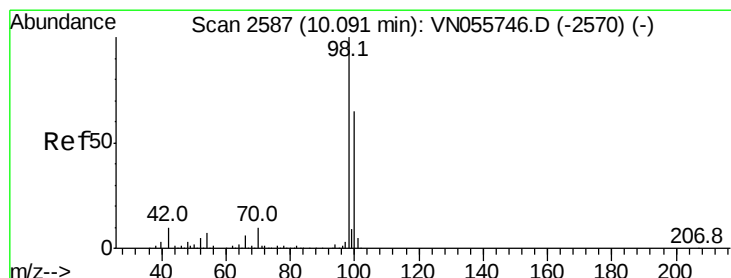
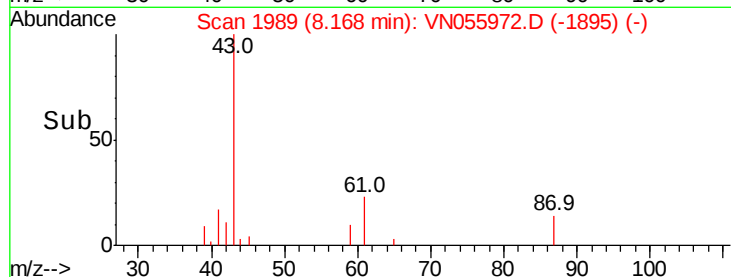
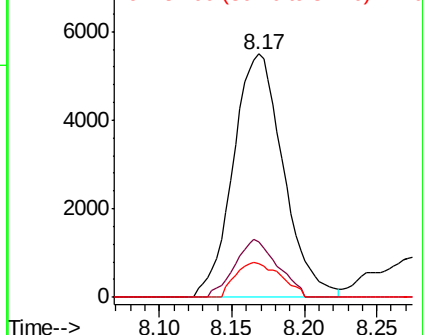
87 12.8 11.4 17.2



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: 49.177 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055972.D

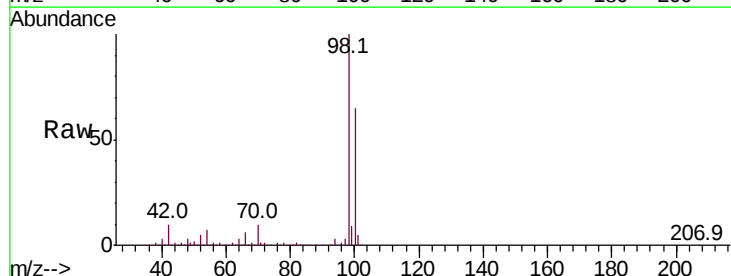
Acq: 3 Jun 2019 19:40

Tgt Ion: 98 Resp: 652501

Ion Ratio Lower Upper

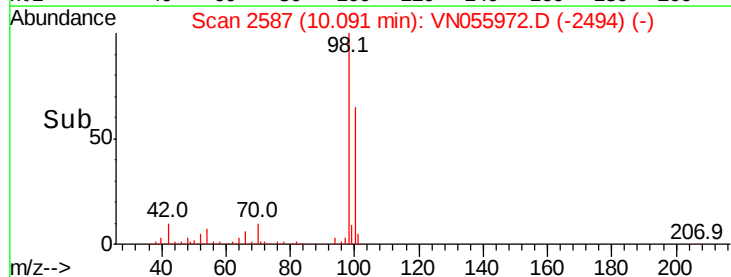
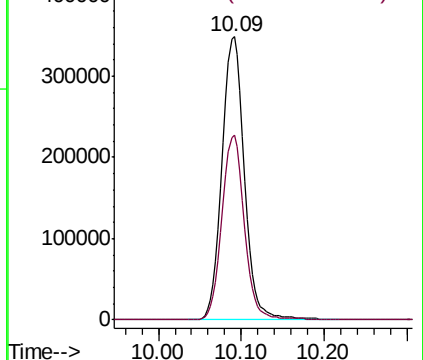
98 100

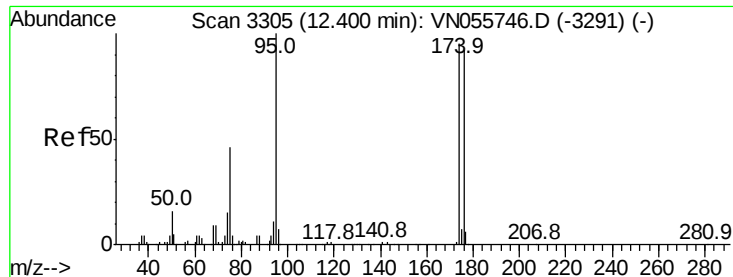
100 65.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.885 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055972.D

Acq: 3 Jun 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-D

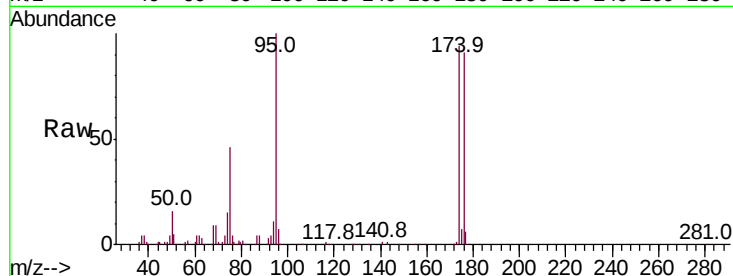
Tot Ion: 95 Resp: 208758

Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.0

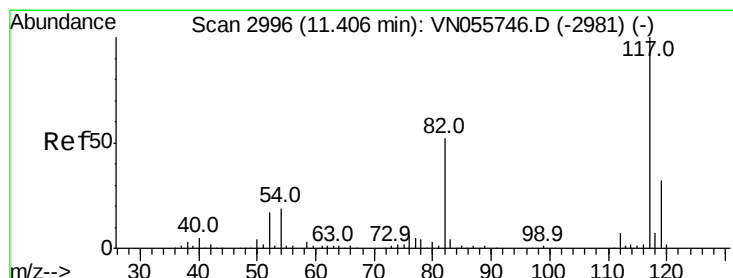
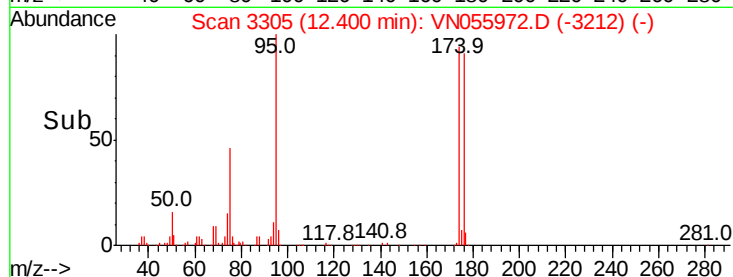
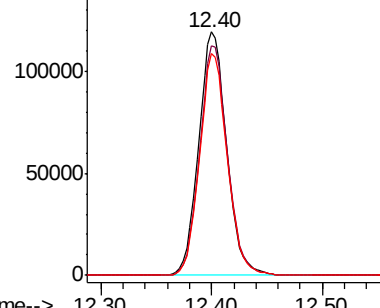
176 90.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055972.D

Acq: 3 Jun 2019 19:40

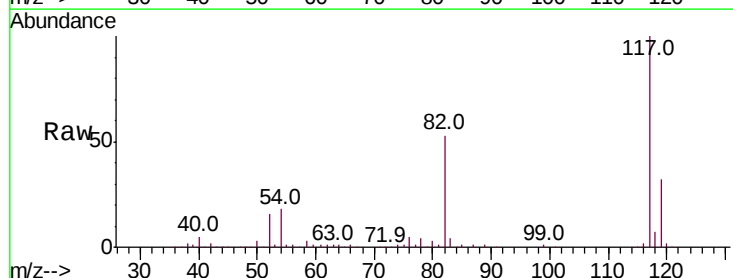
Tgt Ion: 117 Resp: 504929

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

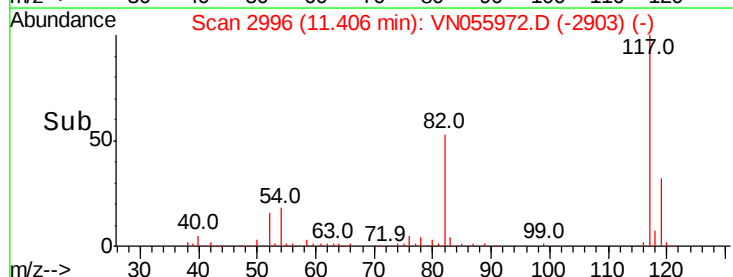
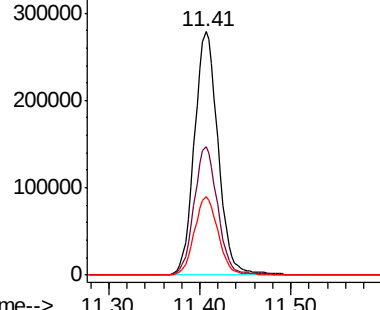
119 32.1 25.4 38.0

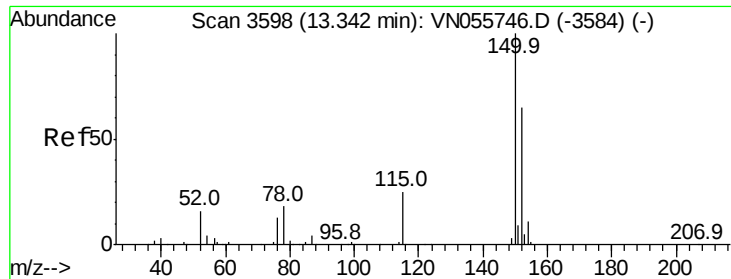


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055972.D

Acq: 3 Jun 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-D

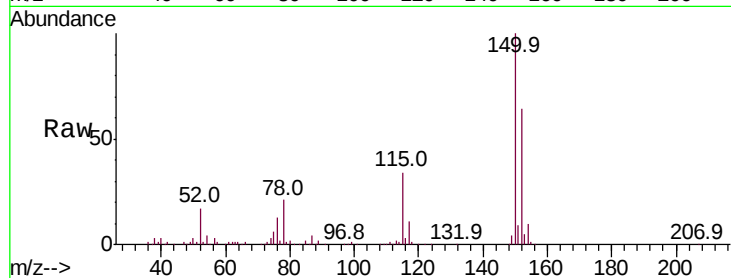
Tot Ion:152 Resp: 171170

Ion Ratio Lower Upper

152 100

115 52.7 27.0 81.0

150 156.1 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

