

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055892.D
 Acq On : 30 May 2019 11:43
 Operator : JC/SP
 Sample : PB120168TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120168TB

Quant Time: May 31 08:24:26 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

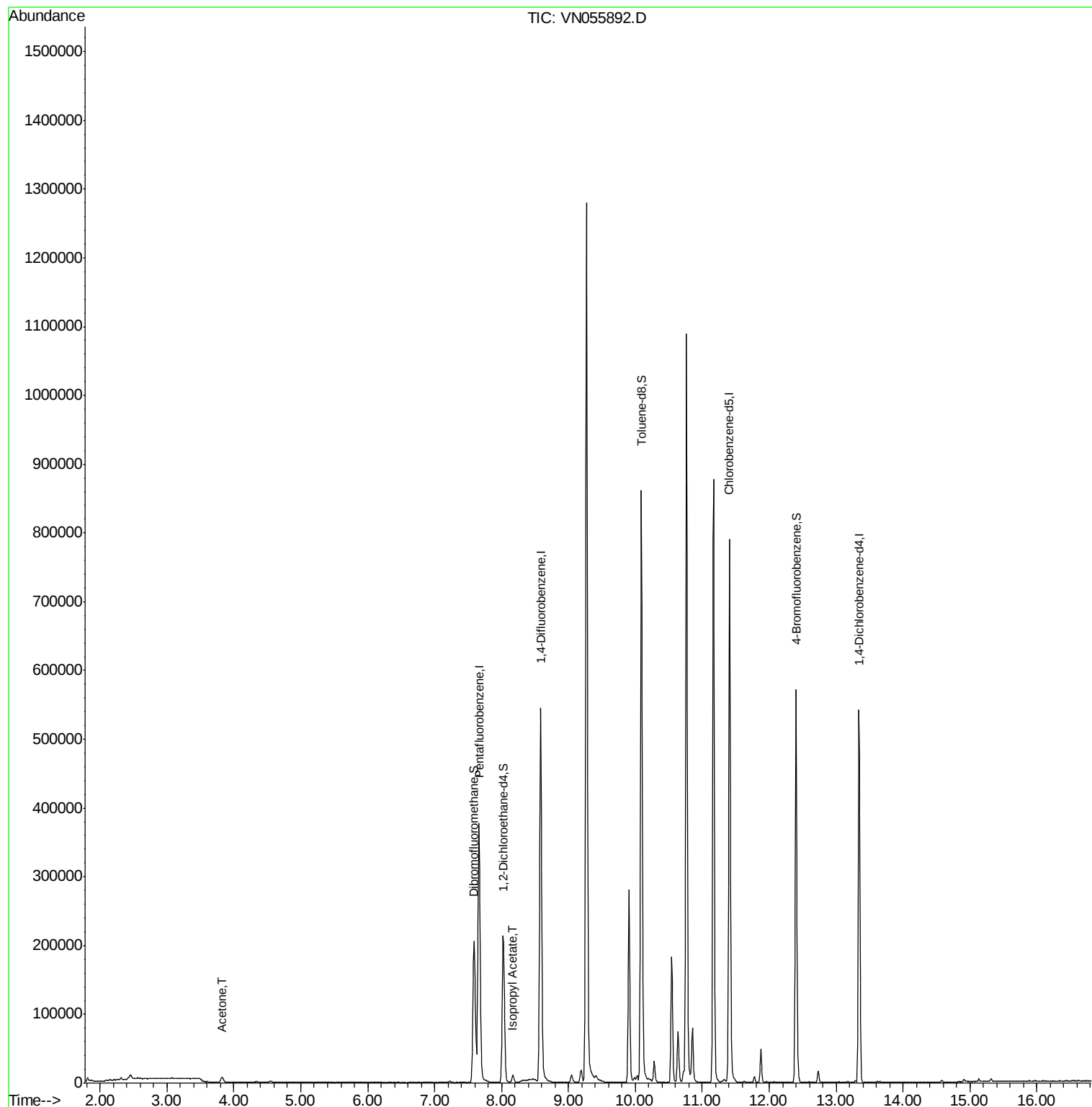
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	354464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	534022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	183190	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	159172	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.09	98	646034	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	205270	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
Target Compounds						
16) Acetone	3.82	43	13549	8.420	ug/l	95
43) Isopropyl Acetate	8.17	43	13444	1.779	ug/l #	89

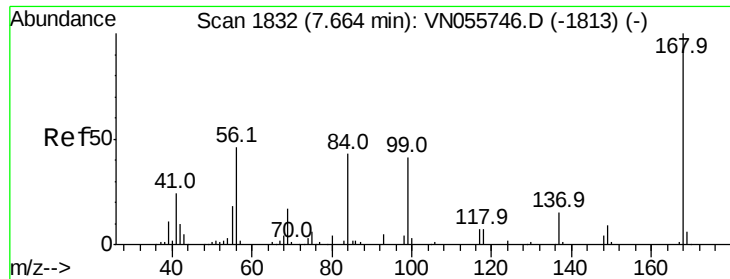
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

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ClientSampleId :

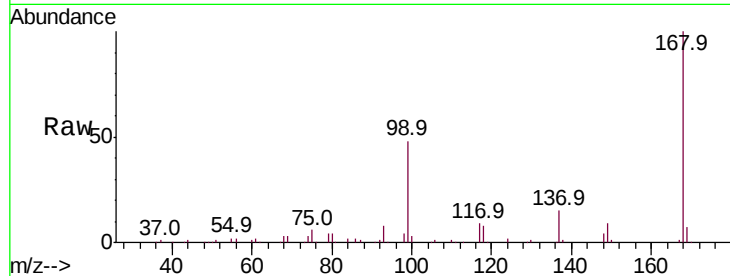
PB120168TB

Tot Ion:168 Resp: 354464

Ion Ratio Lower Upper

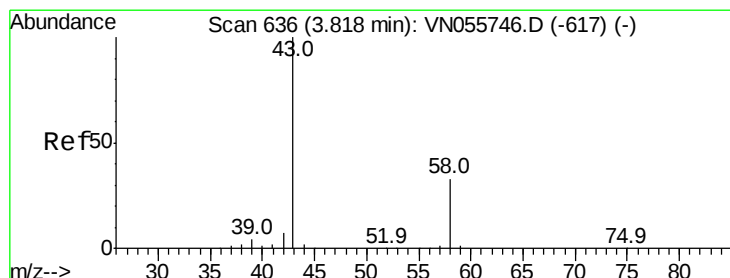
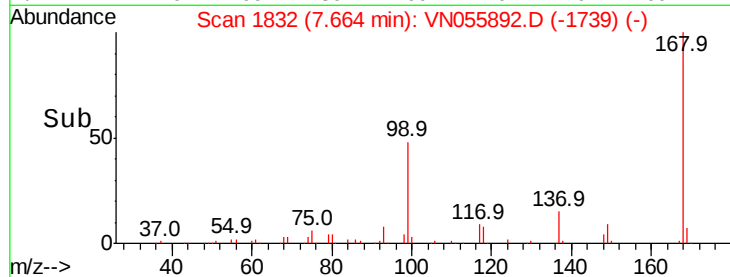
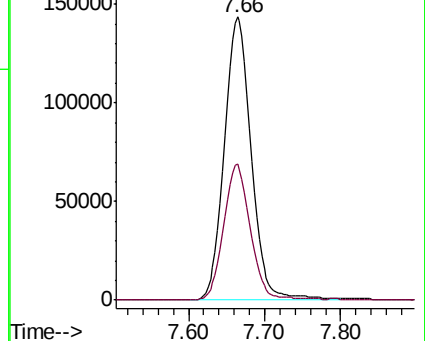
168 100

99 48.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.420 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055892.D

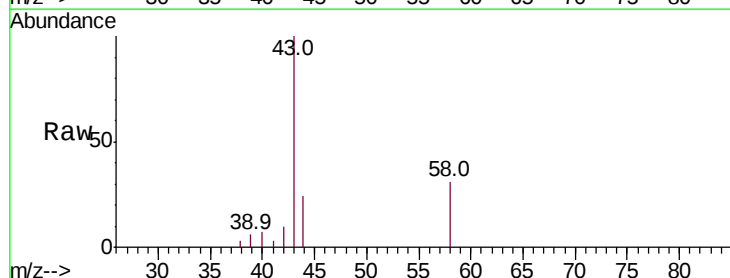
Acq: 30 May 2019 11:43

Tgt Ion: 43 Resp: 13549

Ion Ratio Lower Upper

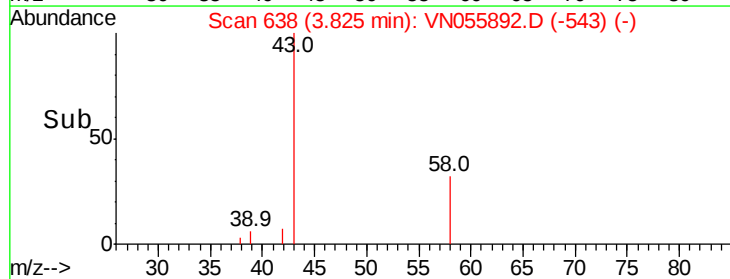
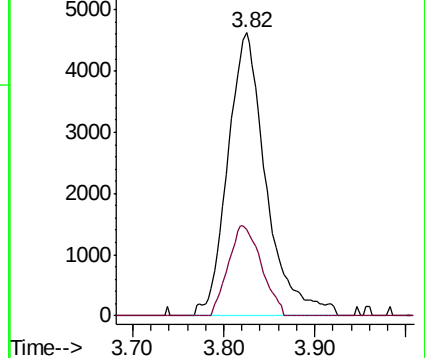
43 100

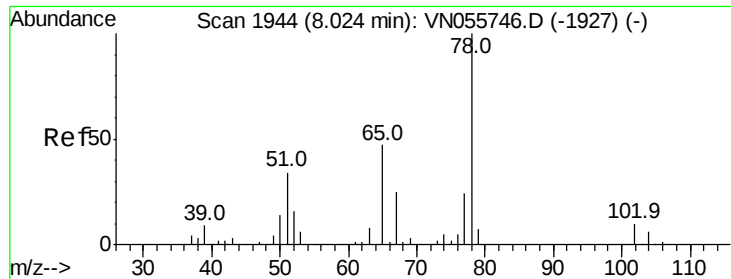
58 30.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.043 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

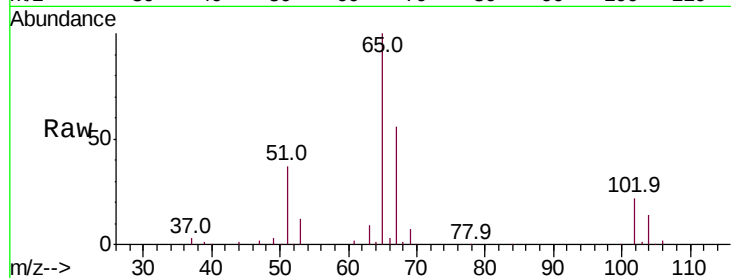
PB120168TB

Tot Ion: 65 Resp: 183190

Ion Ratio Lower Upper

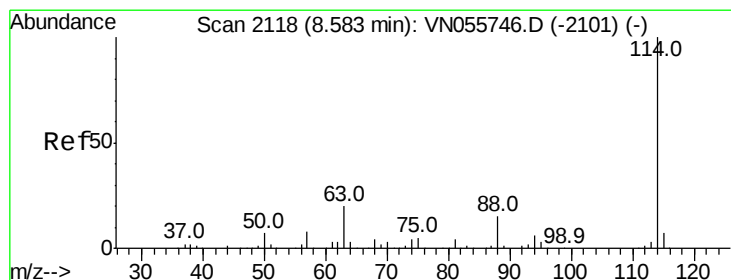
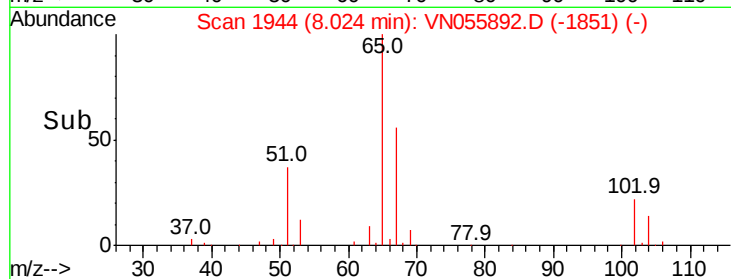
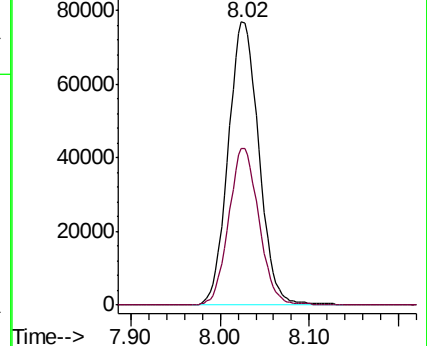
65 100

67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055892.D (-1851) (-)

Ion 66.90 (66.60 to 67.60): VN055892.D (-1851) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

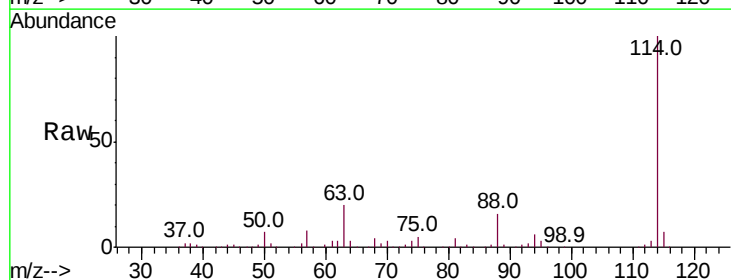
Tgt Ion: 114 Resp: 534022

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

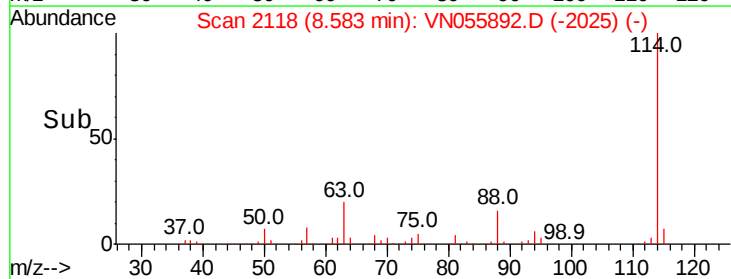
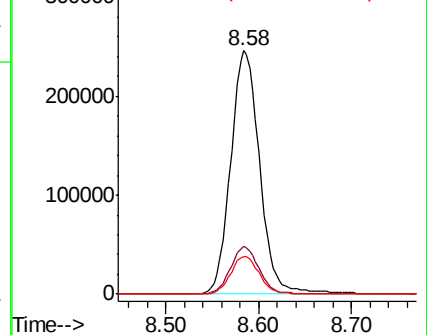
88 15.5 0.0 31.0

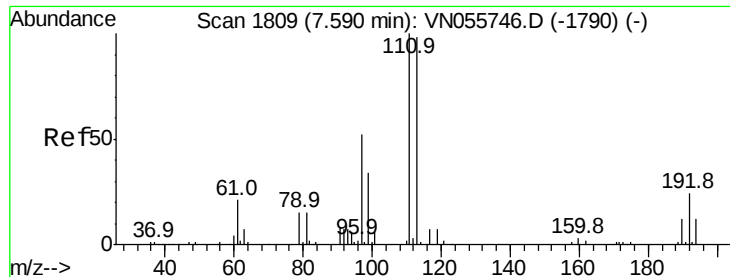


Abundance Ion 113.90 (113.60 to 114.60): VN055892.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN055892.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN055892.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 47.144 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

PB120168TB

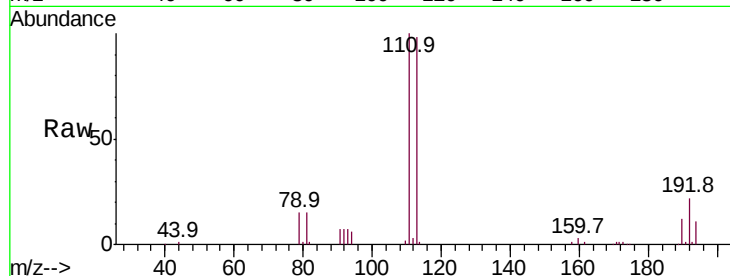
Tot Ion:113 Resp: 159172

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

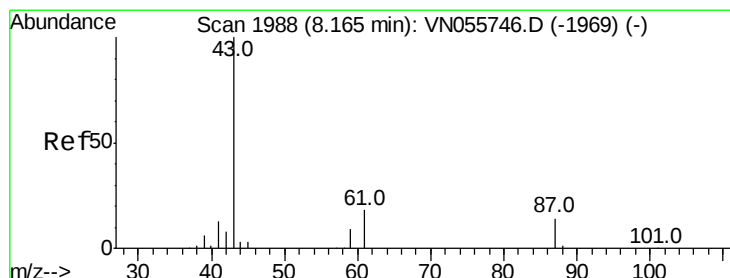
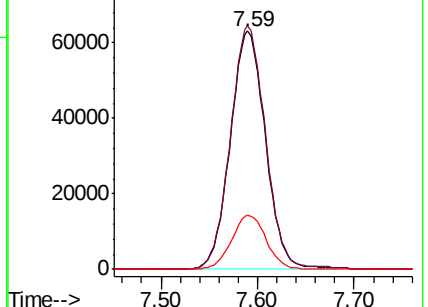
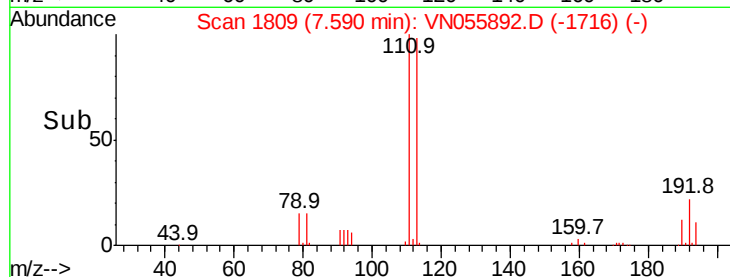
192 22.3 19.5 29.3



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: 1.779 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

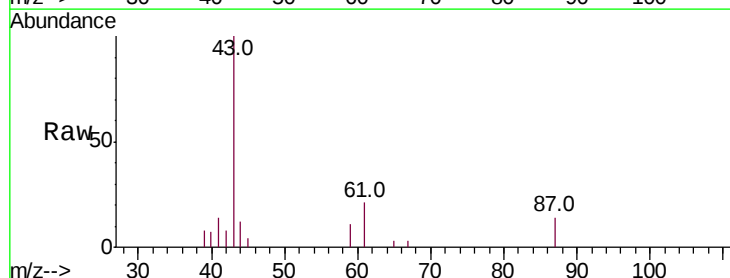
Tgt Ion: 43 Resp: 13444

Ion Ratio Lower Upper

43 100

61 19.4 22.2 33.4#

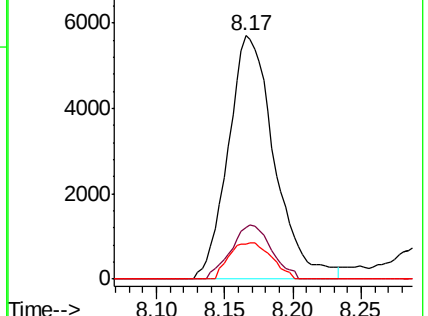
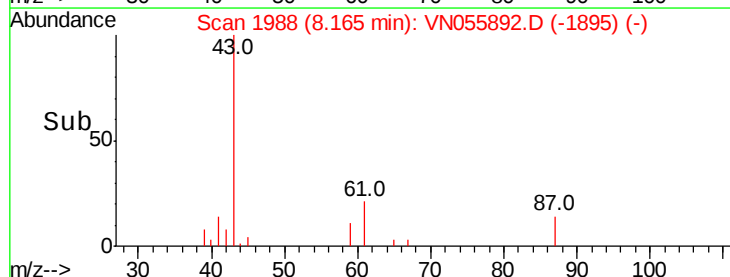
87 13.6 11.4 17.2

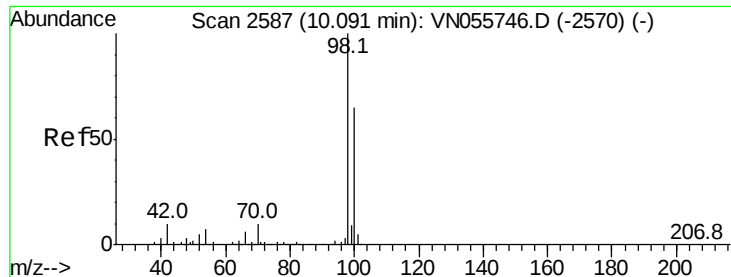


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.883 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

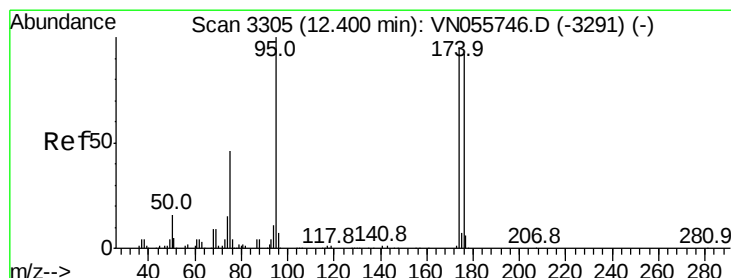
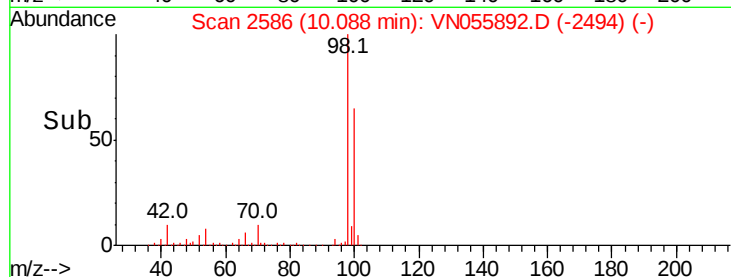
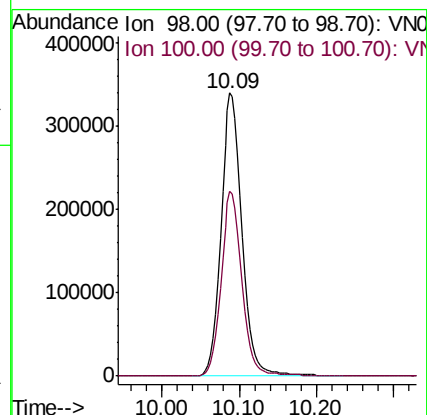
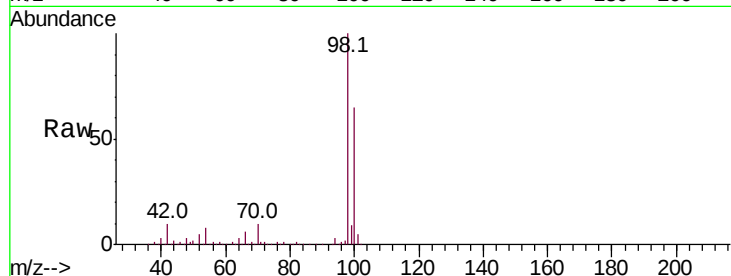
PB120168TB

Tot Ion: 98 Resp: 646034

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.224 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

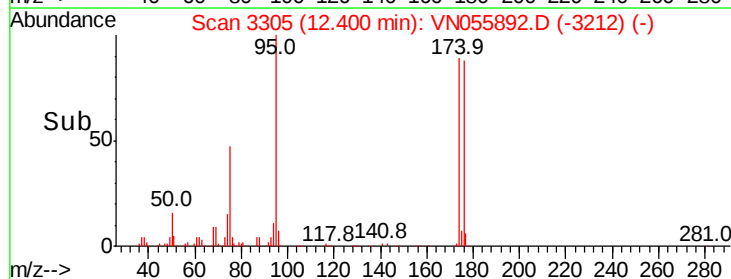
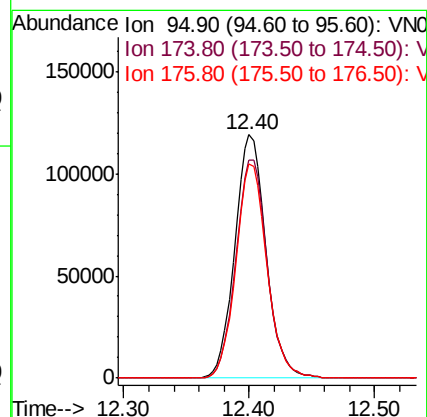
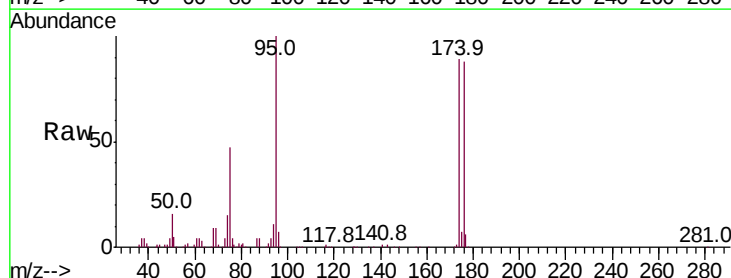
Tgt Ion: 95 Resp: 205270

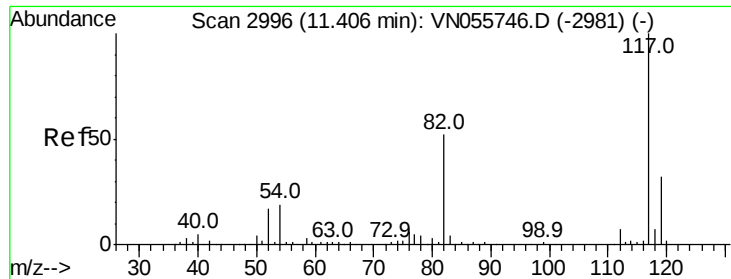
Ion Ratio Lower Upper

95 100

174 90.3 0.0 191.0

176 87.7 0.0 185.2

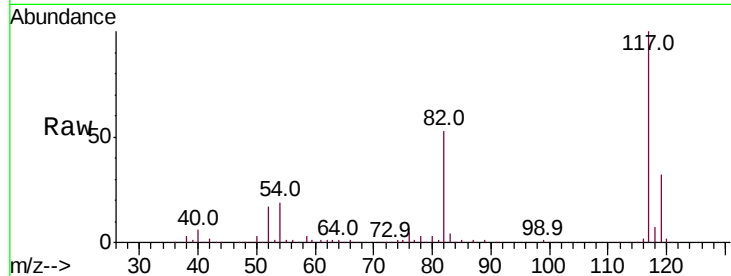




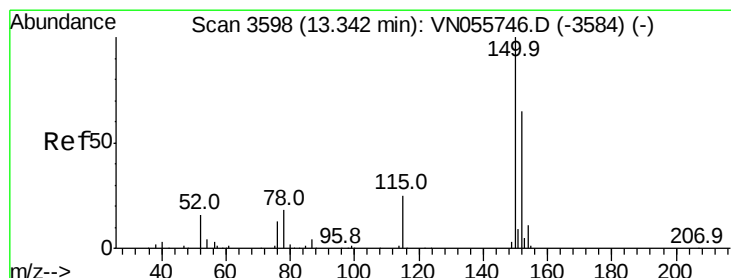
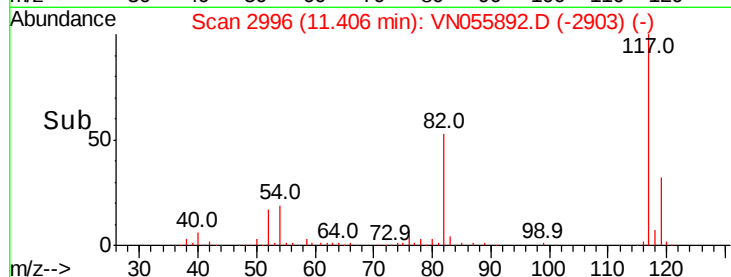
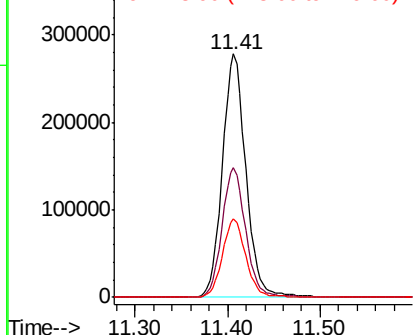
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

Instrument :
MSVOA_N
ClientSampleId :
PB120168TB

Tot Ion:117 Resp: 489711
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.4 25.4 38.0

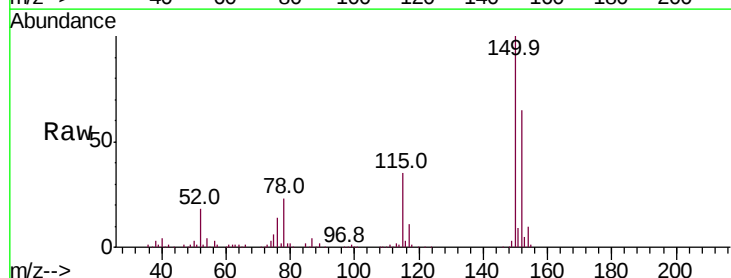


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

Tgt Ion:152 Resp: 161954
Ion Ratio Lower Upper
152 100
115 53.8 27.0 81.0
150 156.8 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

