

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056399.D
 Acq On : 20 Jun 2019 13:52
 Operator : JC/SP
 Sample : K3455-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-GIS

Quant Time: Jun 21 05:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

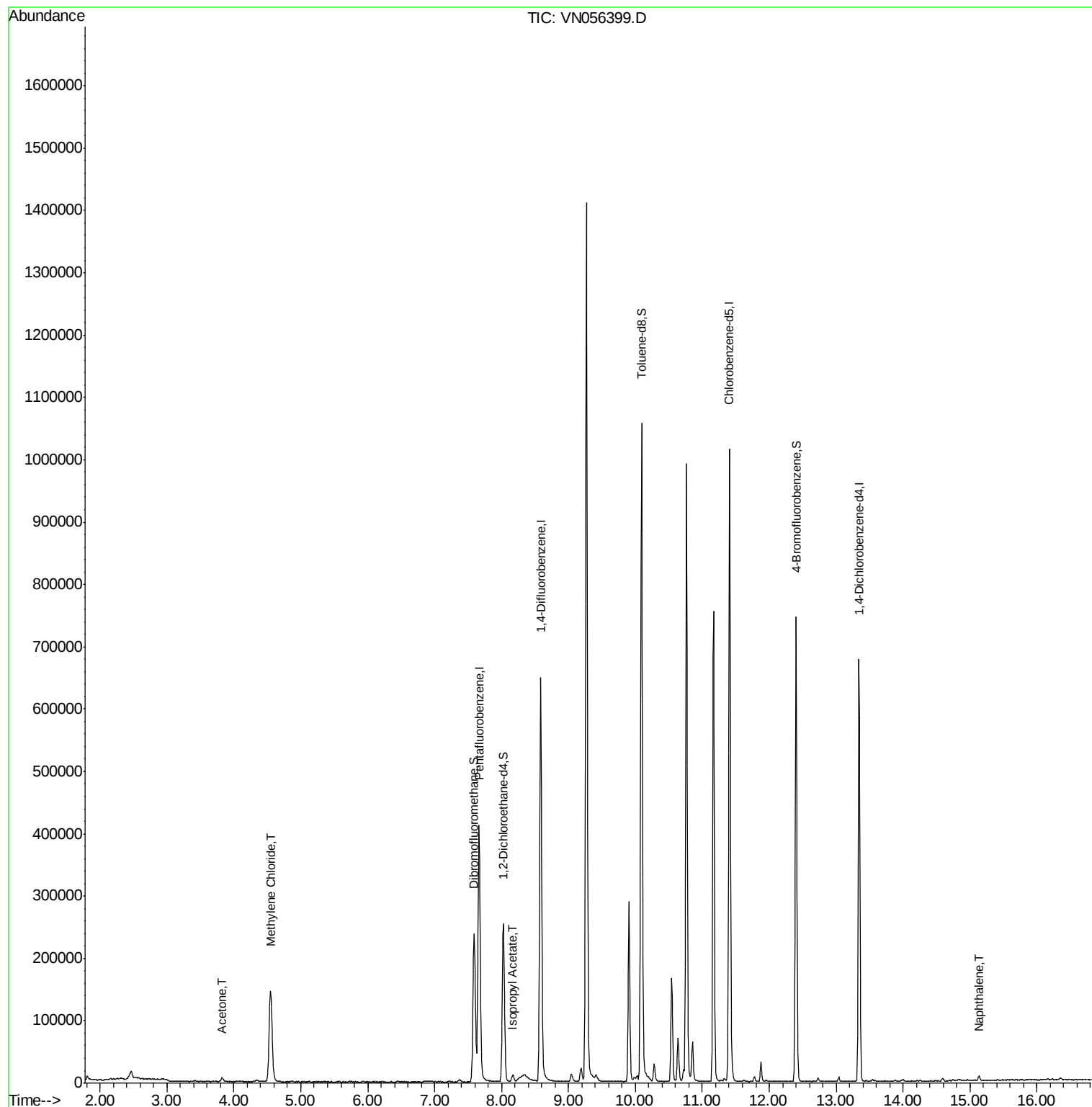
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	380302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	637739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213856	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	7.59	113	185543	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
50) Toluene-d8	10.09	98	801649	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	268548	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
Target Compounds						
16) Acetone	3.82	43	11070	5.242	ug/l	99
20) Methylene Chloride	4.55	84	117280	29.088	ug/l	99
43) Isopropyl Acetate	8.17	43	14145	1.663	ug/l #	88
95) Naphthalene	15.14	128	6611	5.904	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

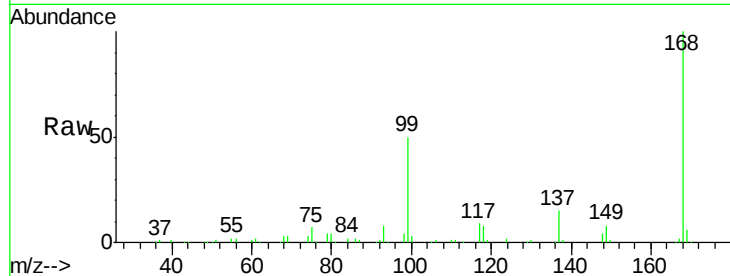
TP-4-GIS

Tot Ion:168 Resp: 380302

Ion Ratio Lower Upper

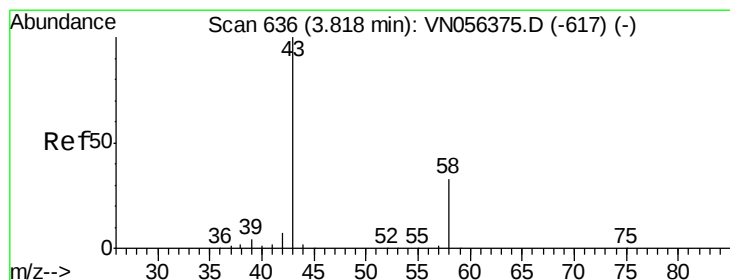
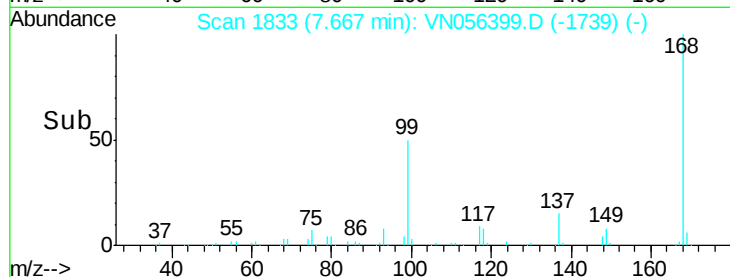
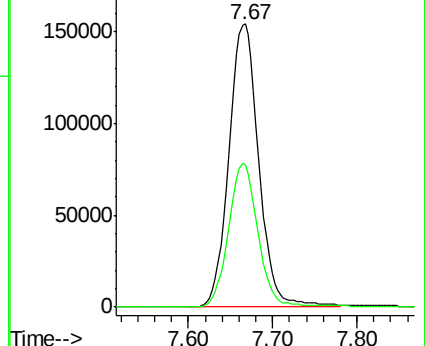
168 100

99 50.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.242 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056399.D

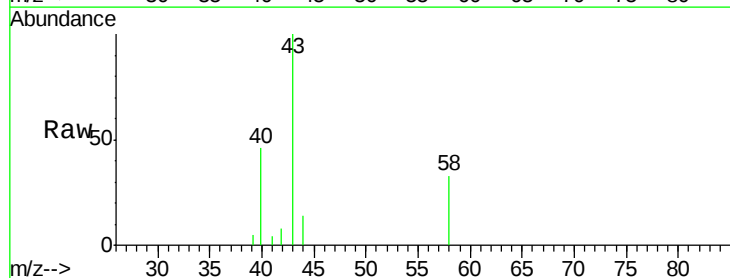
Acq: 20 Jun 2019 13:52

Tgt Ion: 43 Resp: 11070

Ion Ratio Lower Upper

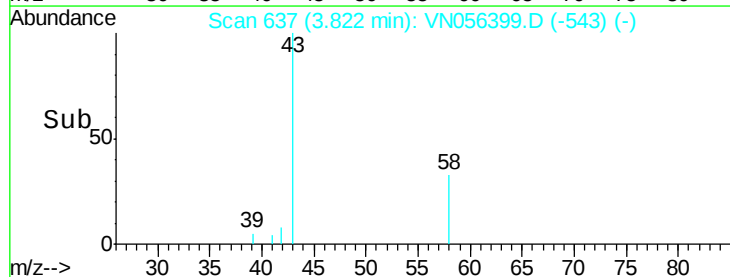
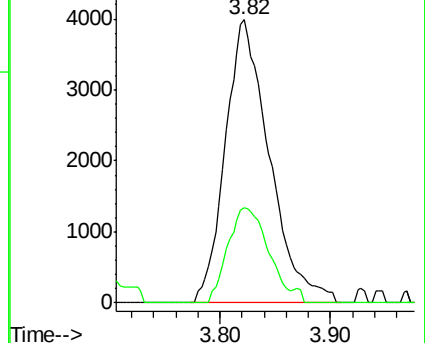
43 100

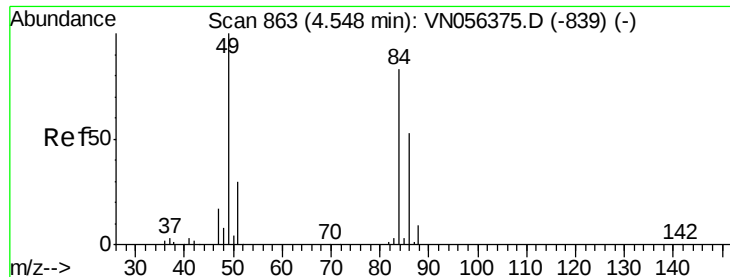
58 33.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

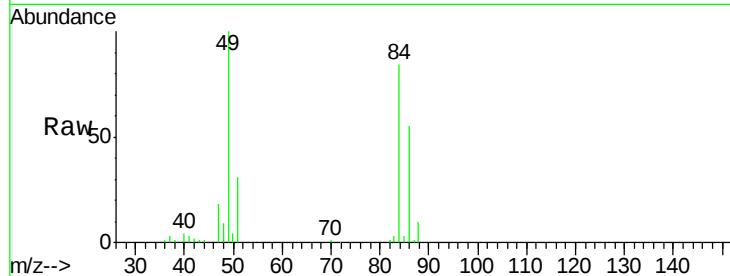




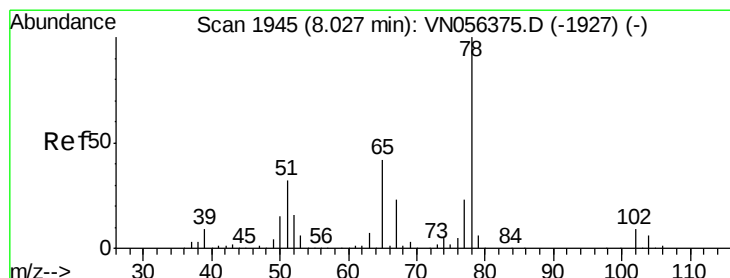
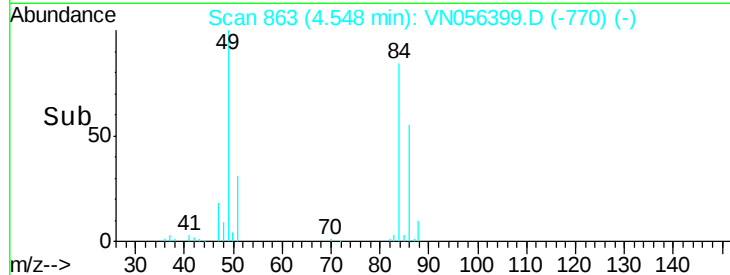
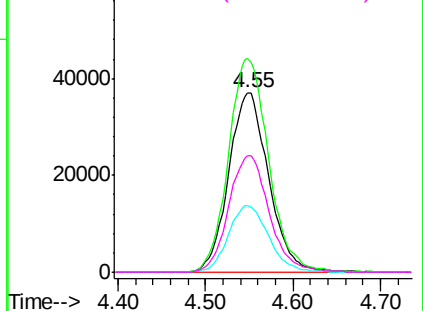
#20
Methylene Chloride
Concen: 29.088 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Instrument :
MSVOA_N
ClientSampleId :
TP-4-GIS

Tot Ion: 84 Resp: 117280
Ion Ratio Lower Upper
84 100
49 118.9 96.4 144.6
51 37.1 28.6 43.0
86 64.9 51.4 77.2

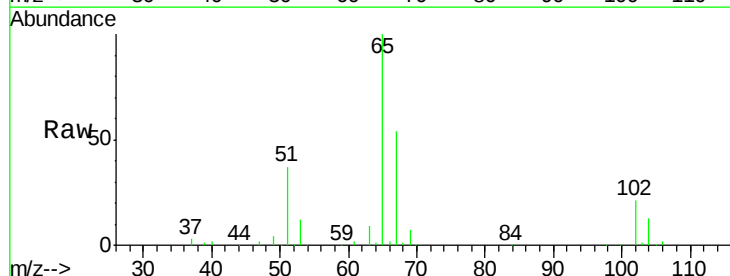


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

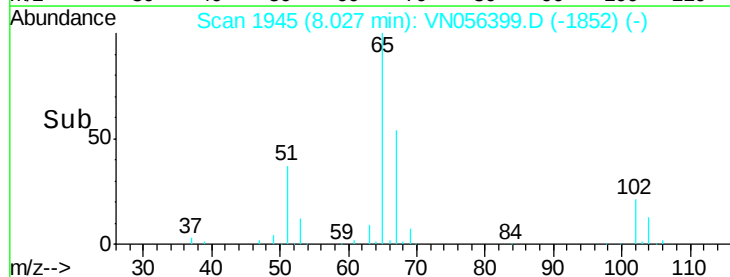
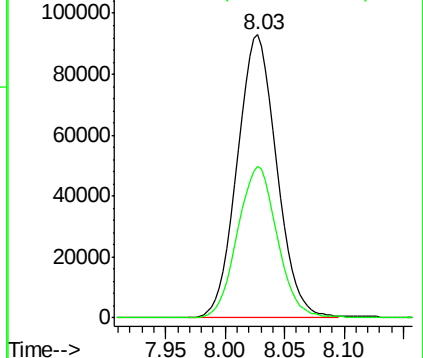


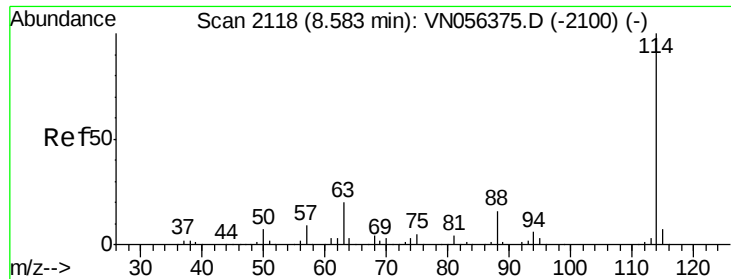
#33
1,2-Dichloroethane-d4
Concen: 50.738 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion: 65 Resp: 213856
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

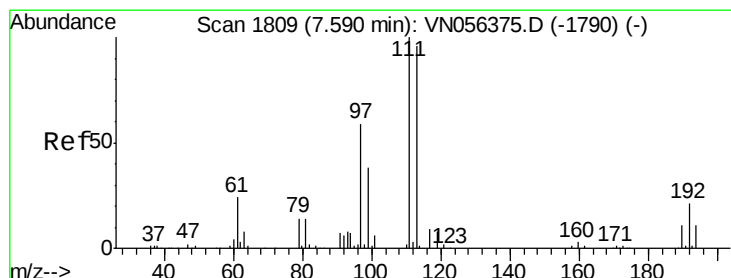
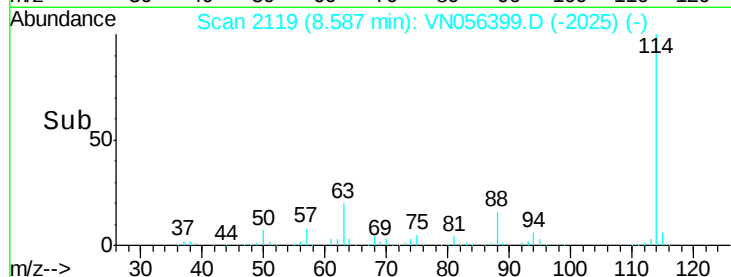
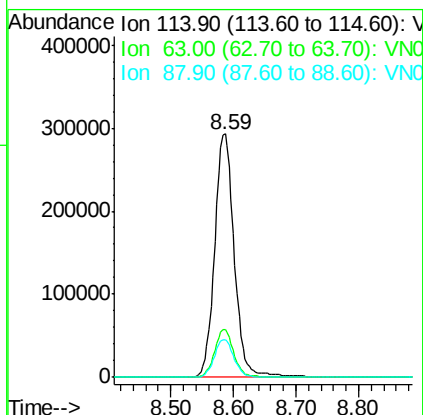
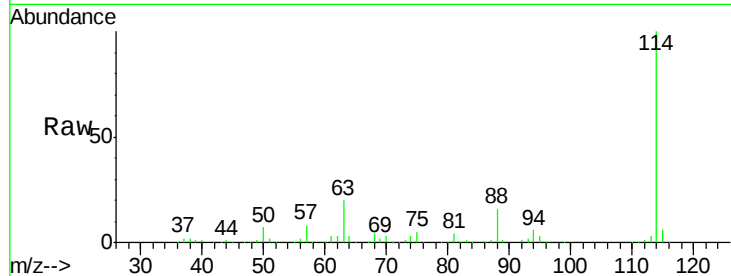




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

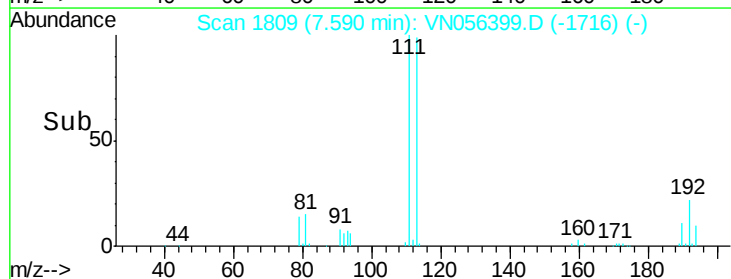
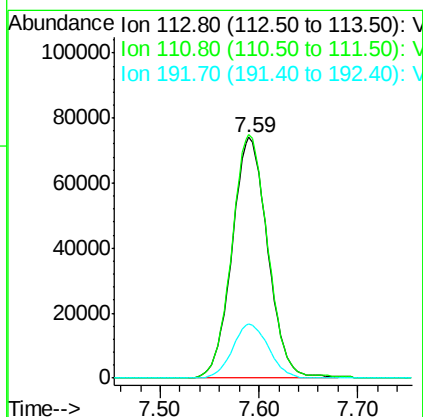
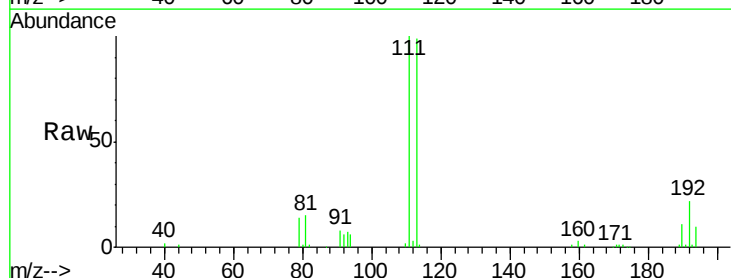
Instrument :
MSVOA_N
ClientSampleId :
TP-4-GIS

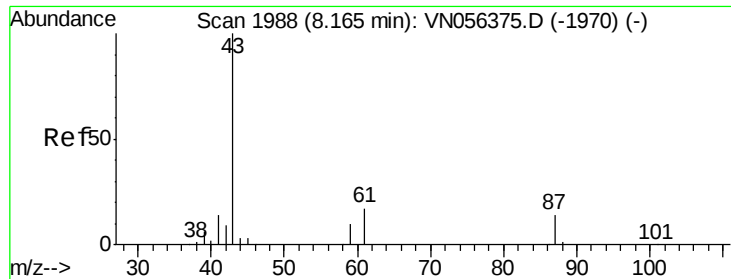
Tot Ion:114 Resp: 637739
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 46.637 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion:113 Resp: 185543
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 22.6 17.7 26.5





#43

Isopropyl Acetate

Concen: 1.663 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

TP-4-GIS

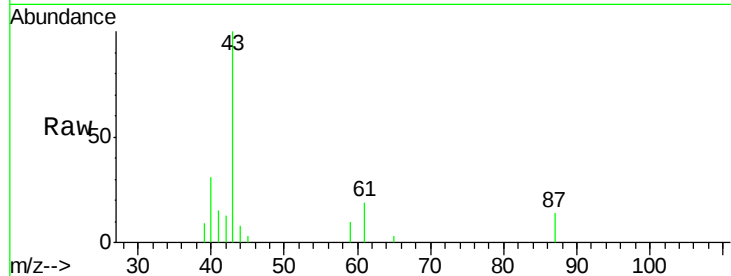
Tot Ion: 43 Resp: 14145

Ion Ratio Lower Upper

43 100

61 18.8 22.0 33.0#

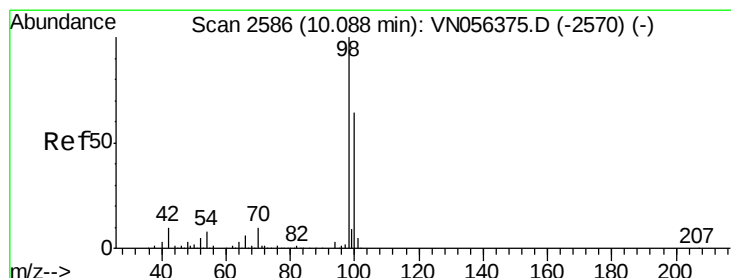
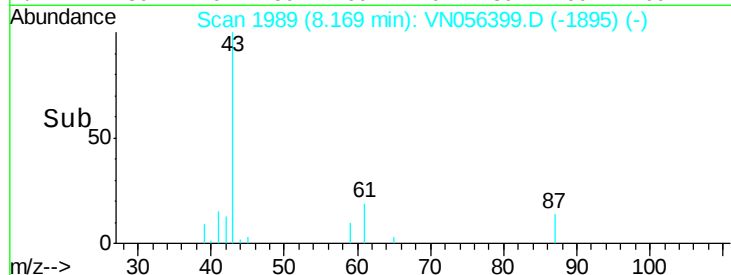
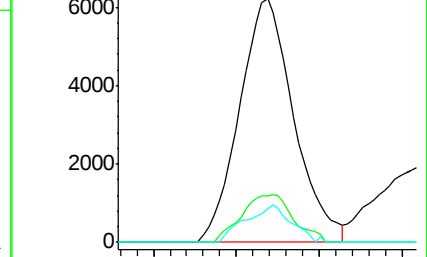
87 13.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#50

Toluene-d8

Concen: 51.785 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056399.D

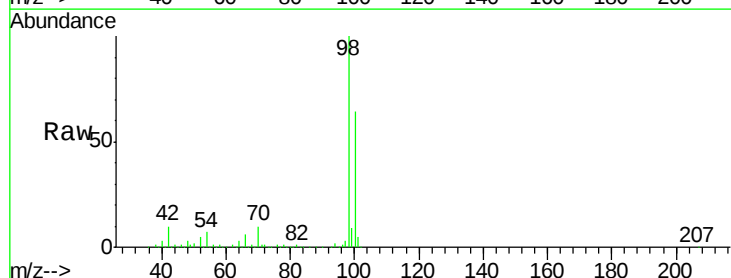
Acq: 20 Jun 2019 13:52

Tgt Ion: 98 Resp: 801649

Ion Ratio Lower Upper

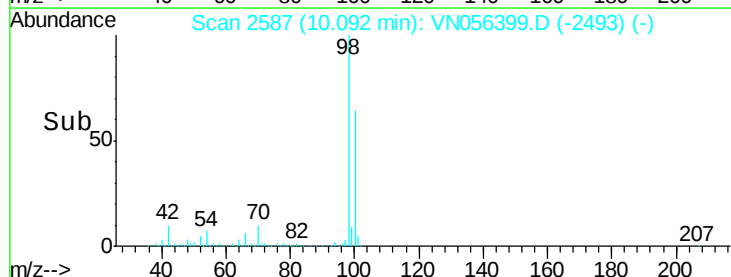
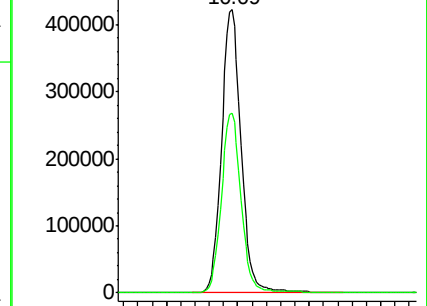
98 100

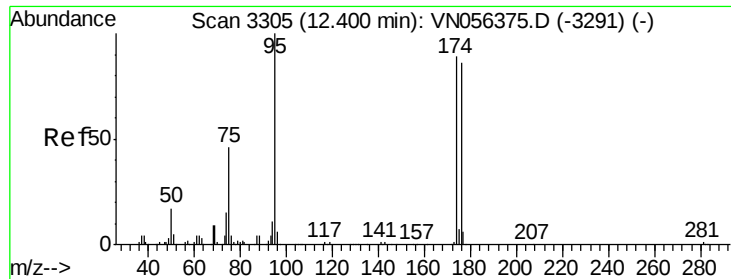
100 64.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 52.039 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

ClientSampled :

TP-4-GIS

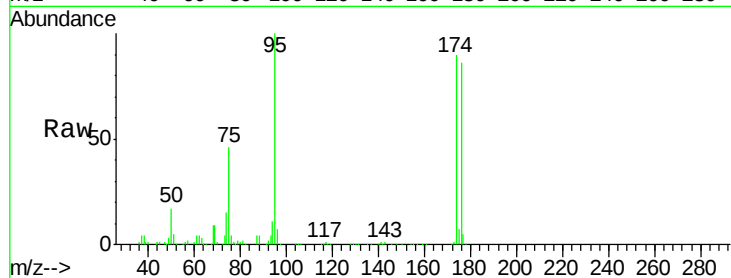
Tot Ion: 95 Resp: 268548

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.4

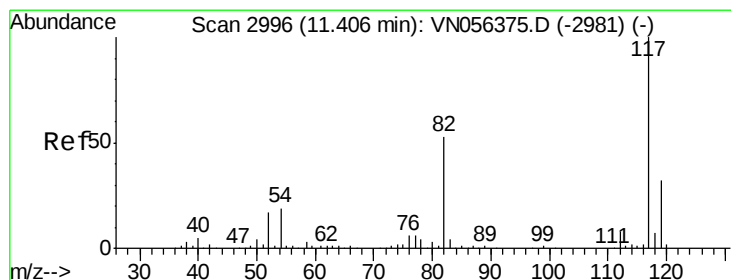
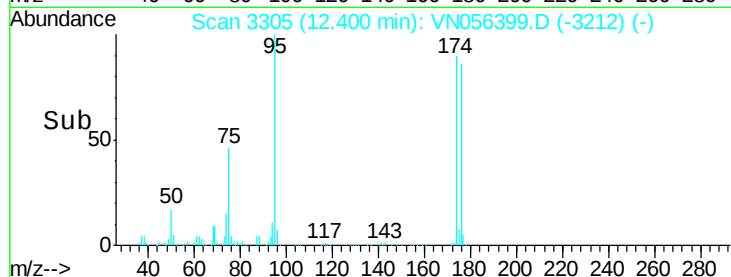
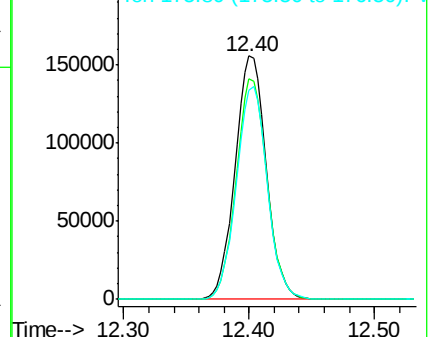
176 86.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056399.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056399.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056399.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

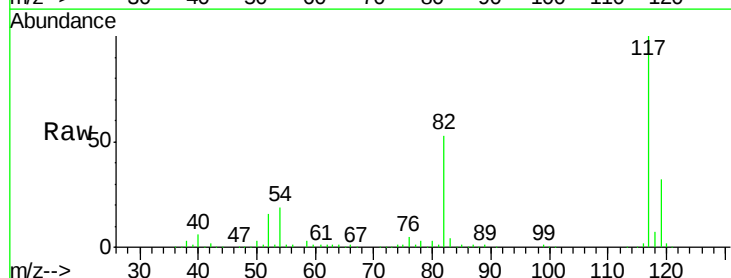
Tgt Ion: 117 Resp: 637455

Ion Ratio Lower Upper

117 100

82 52.7 42.0 63.0

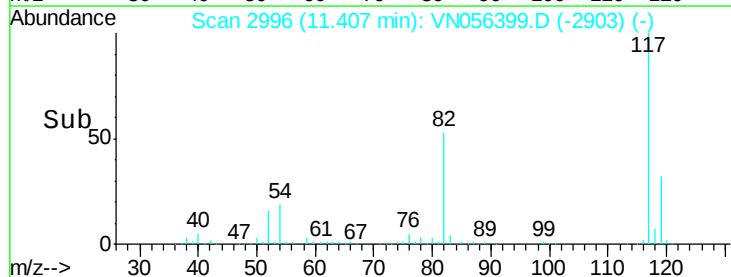
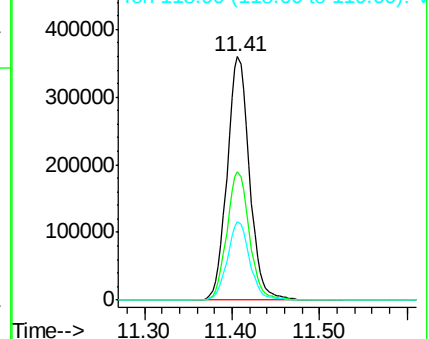
119 32.1 25.3 37.9

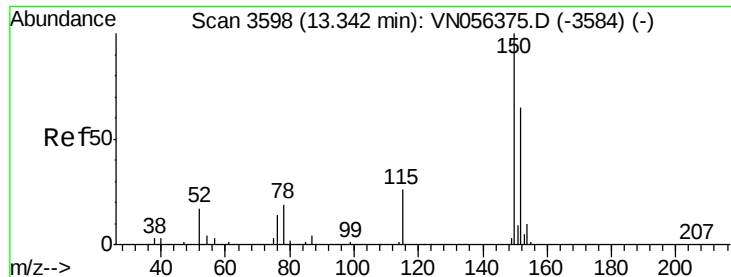


Abundance Ion 116.90 (116.60 to 117.60): VN056399.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056399.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056399.D (-2903) (-)



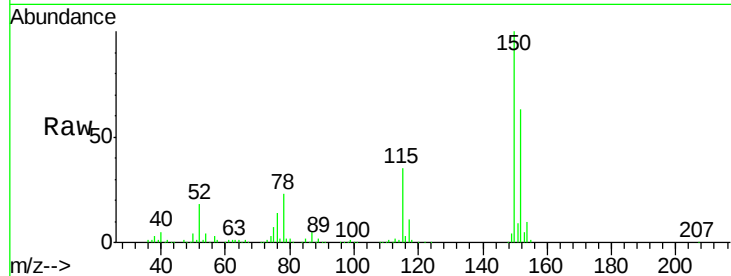


#72

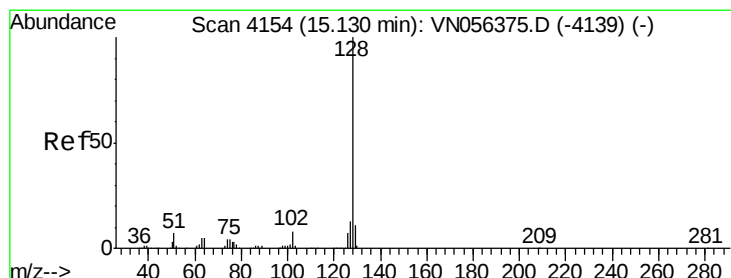
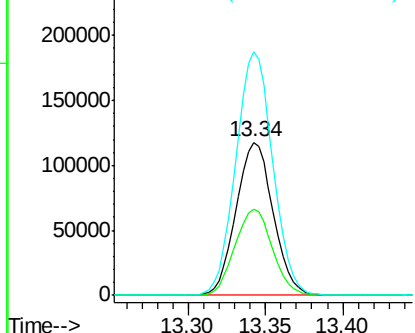
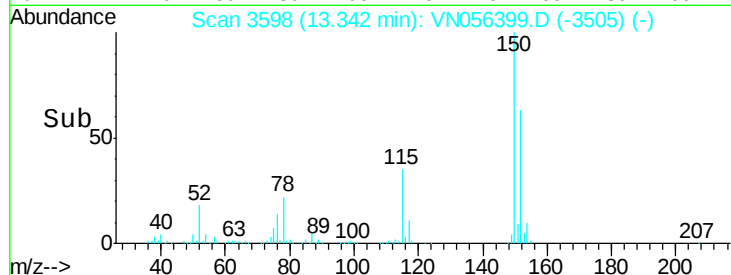
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Instrument :
MSVOA_N
ClientSampled :
TP-4-GIS

Tot Ion:152 Resp: 196148
Ion Ratio Lower Upper
152 100
115 57.0 28.1 84.4
150 158.9 0.0 348.4



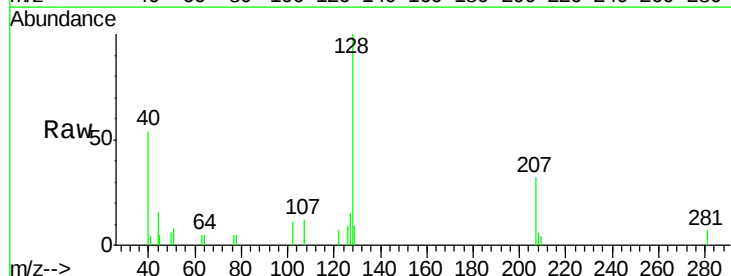
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 5.904 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion:128 Resp: 6611
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 9.0 8.6 12.8



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

