

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057398.D
 Acq On : 19 Aug 2019 14:19
 Operator : JC/SP
 Sample : K4339-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(4)

Quant Time: Aug 20 08:13:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

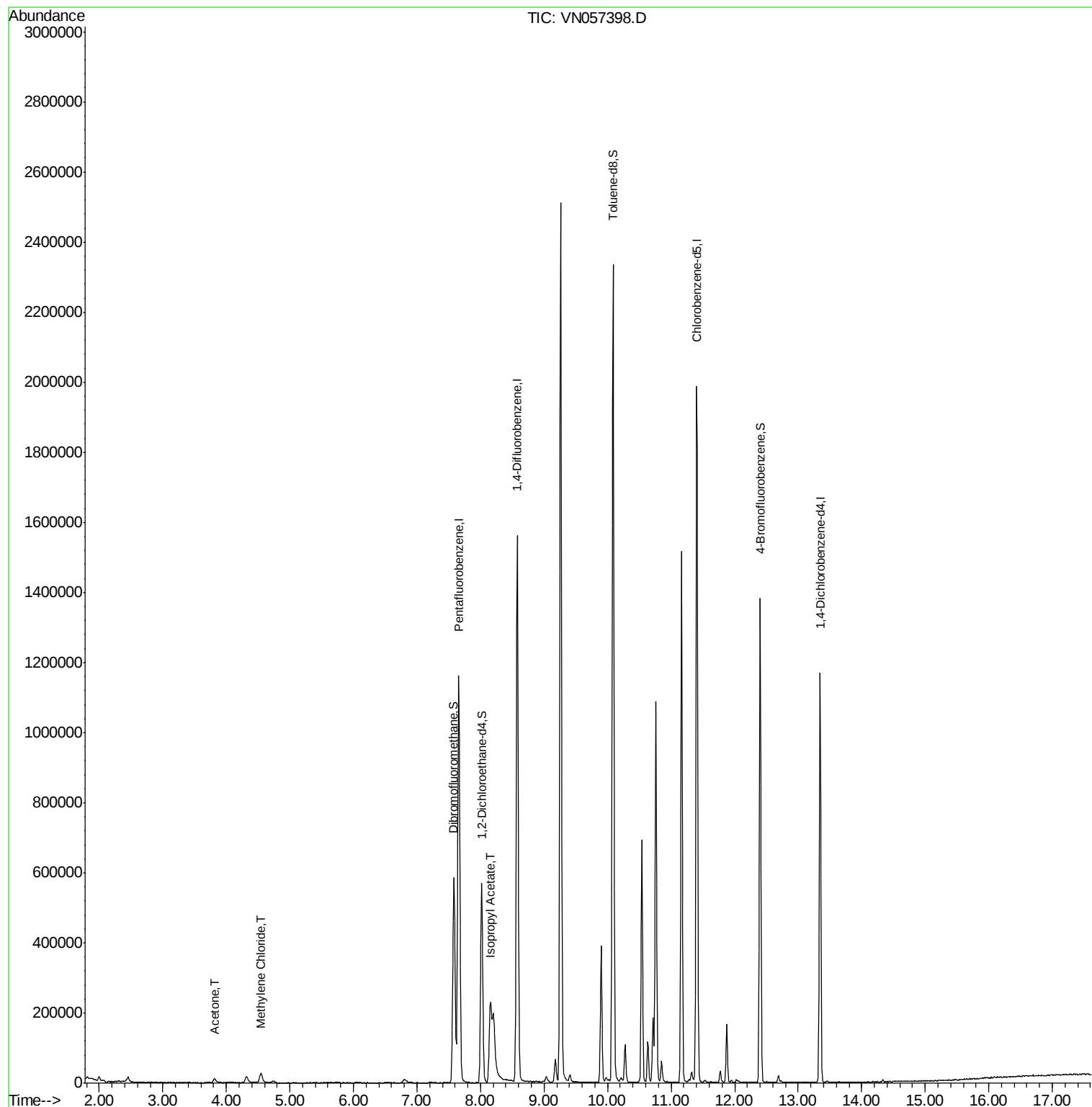
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1078941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1506773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1295553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	497981	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
35) Dibromofluoromethane	7.58	113	451271	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
50) Toluene-d8	10.08	98	1750872	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.40	95	476841	37.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.70%	
Target Compounds						
16) Acetone	3.81	43	17581	4.321	ug/l	98
20) Methylene Chloride	4.55	84	22355	1.964	ug/l	89
43) Isopropyl Acetate	8.16	43	291437	13.809	ug/l #	77

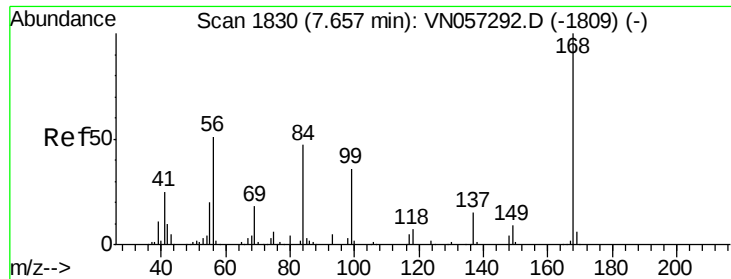
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081919\
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057398.D

Acq: 19 Aug 2019 14:19

Instrument :

MSVOA_N

ClientSampled :

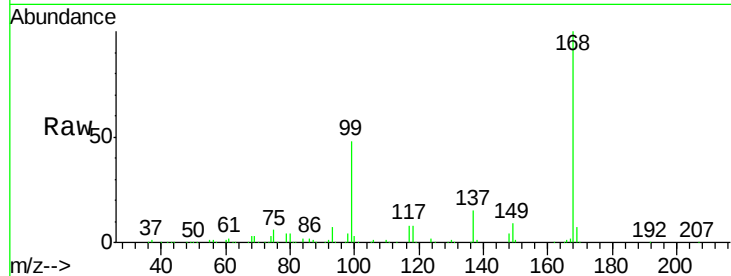
T8-A2-(4)

Tot Ion:168 Resp: 1078941

Ion Ratio Lower Upper

168 100

99 48.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

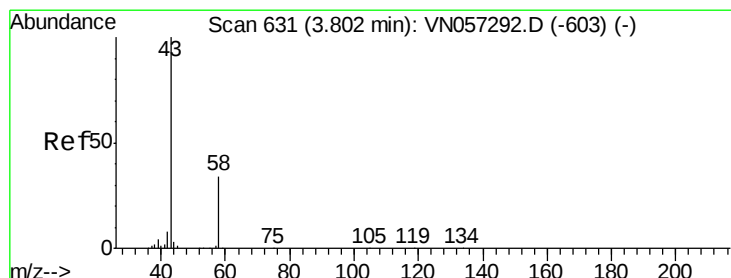
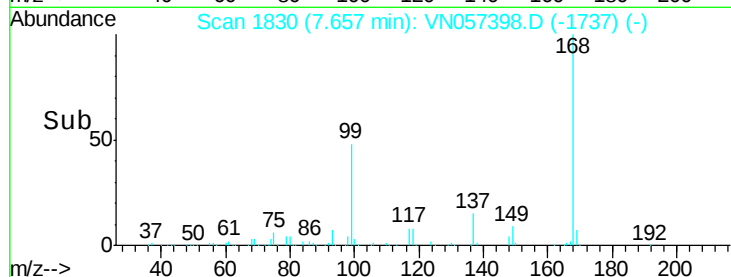
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.321 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057398.D

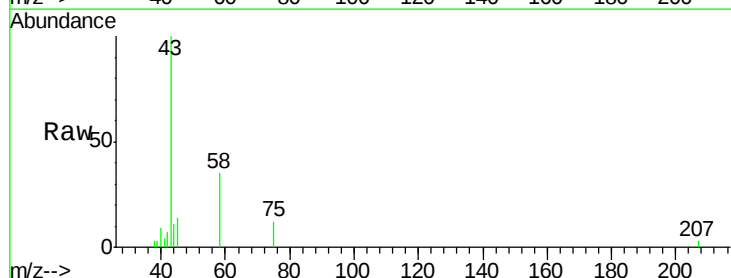
Acq: 19 Aug 2019 14:19

Tgt Ion: 43 Resp: 17581

Ion Ratio Lower Upper

43 100

58 34.7 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

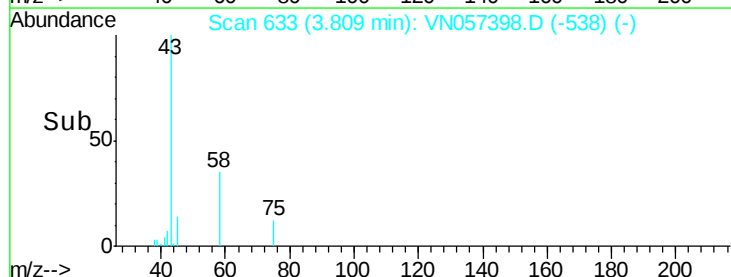
6000

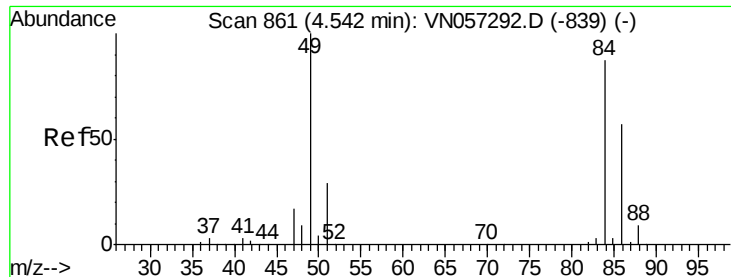
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

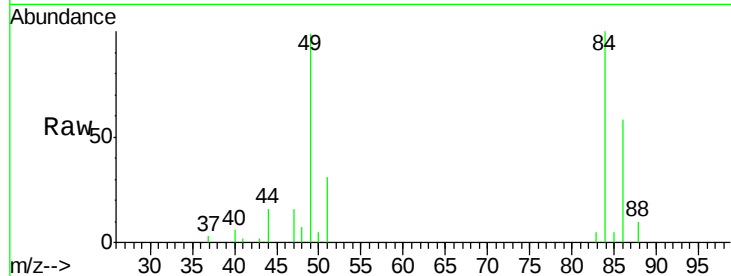




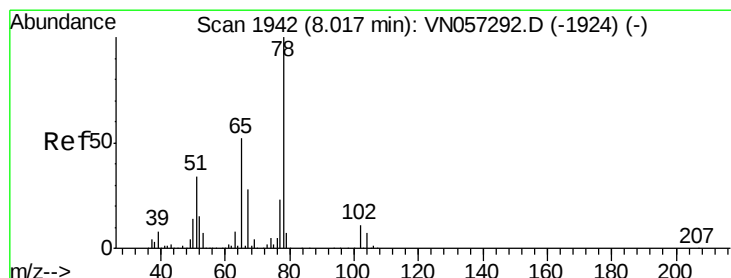
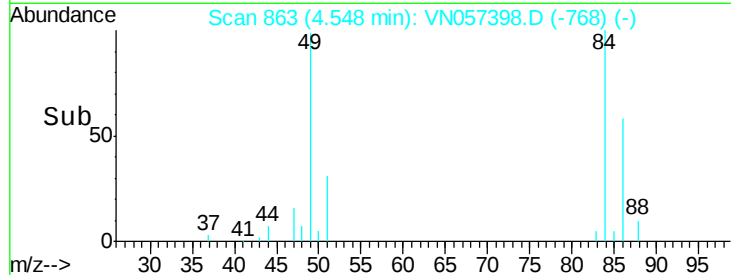
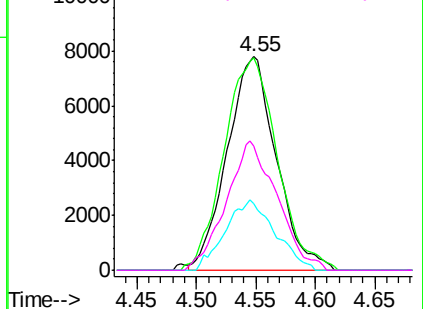
#20
Methvlene Chloride
Concen: 1.964 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057398.D
Acq: 19 Aug 2019 14:19

Instrument :
MSVOA_N
ClientSampleId :
T8-A2-(4)

Tot Ion:	84	Resp:	22355
Ion	Ratio	Lower	Upper
84	100		
49	99.2	92.0	138.0
51	31.2	27.1	40.7
86	57.9	52.2	78.2

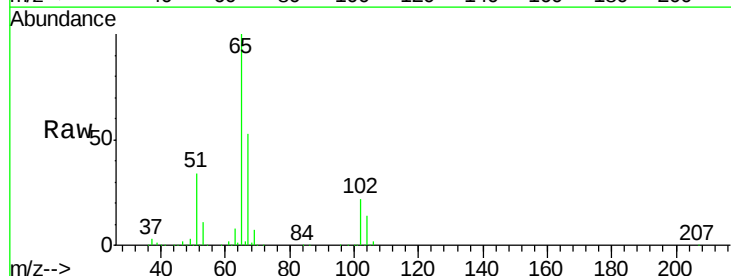


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

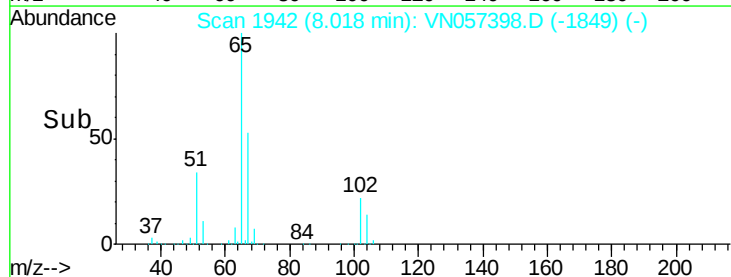
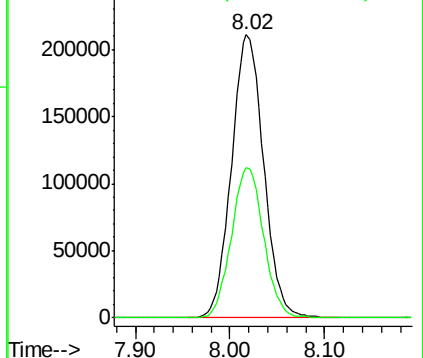


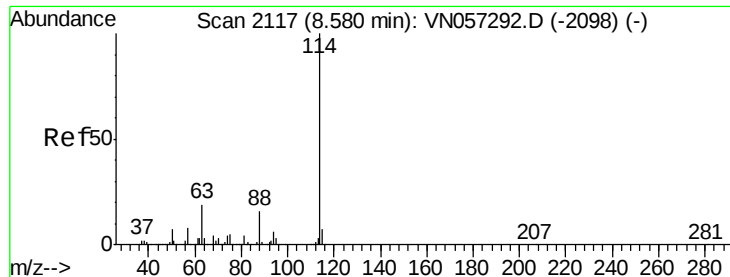
#33
1,2-Dichloroethane-d4
Concen: 42.456 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057398.D
Acq: 19 Aug 2019 14:19

Tgt Ion:	65	Resp:	497981
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.4



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

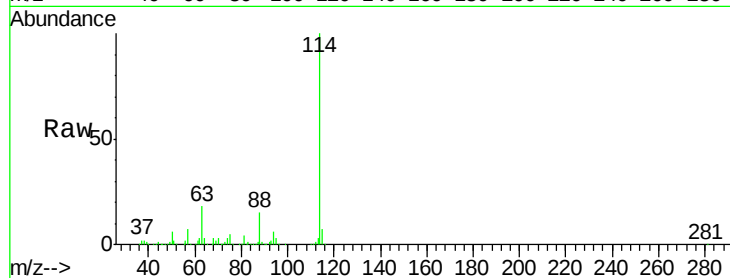




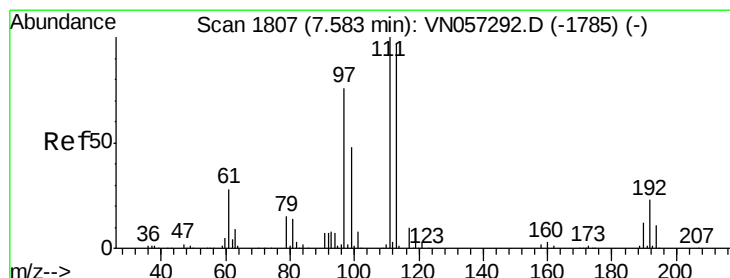
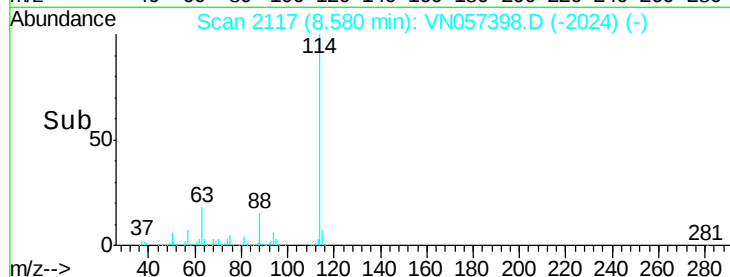
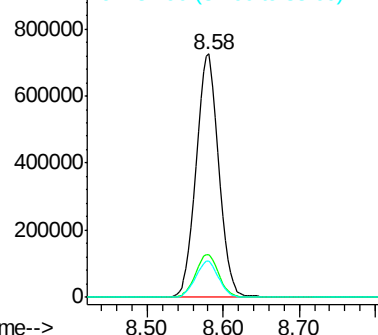
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057398.D
 Acq: 19 Aug 2019 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(4)

Tot Ion:114 Resp: 1506773
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.8
 88 15.1 0.0 31.4

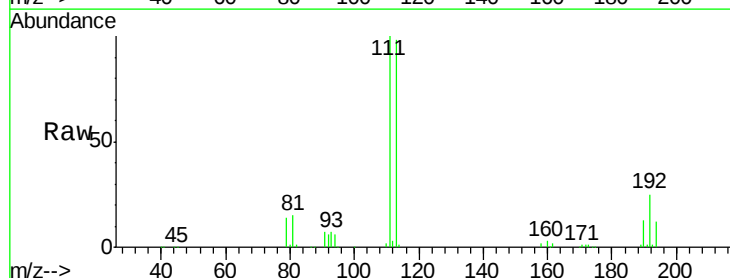


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

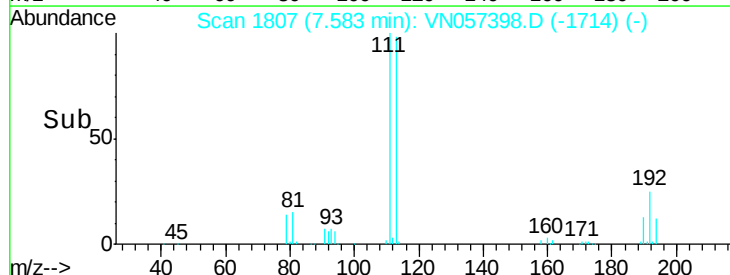
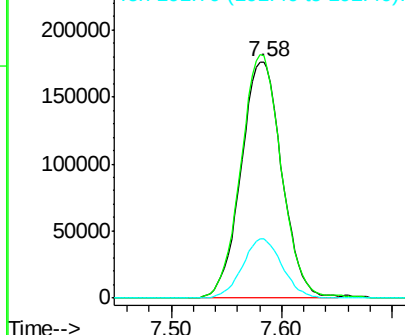


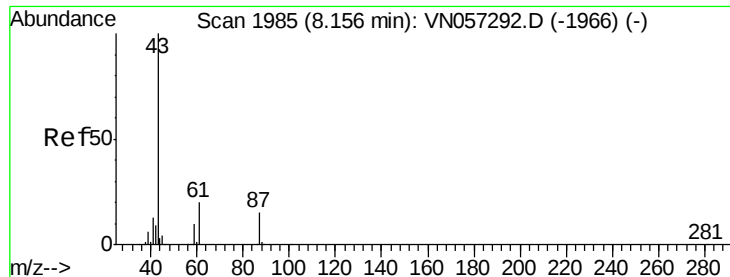
#35
 Dibromofluoromethane
 Concen: 45.688 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057398.D
 Acq: 19 Aug 2019 14:19

Tgt Ion:113 Resp: 451271
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.1 123.1
 192 24.5 19.3 28.9



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: 13.809 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057398.D

Acq: 19 Aug 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(4)

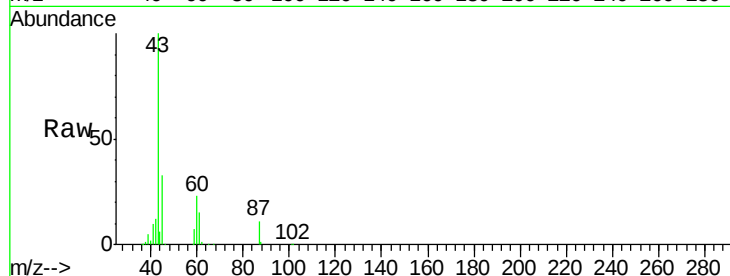
Tot Ion: 43 Resp: 291437

Ion Ratio Lower Upper

43 100

61 12.5 21.6 32.4#

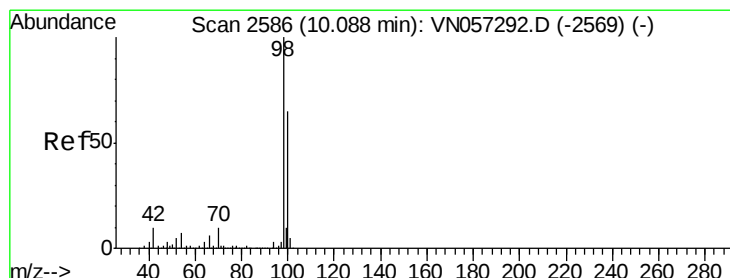
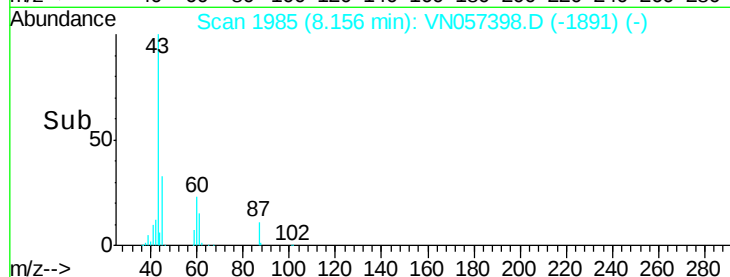
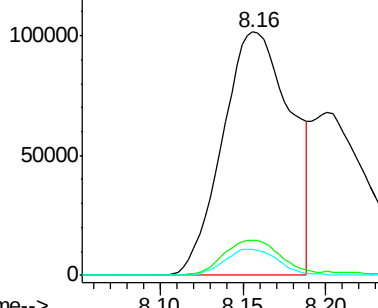
87 8.5 11.4 17.0#



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: 48.465 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057398.D

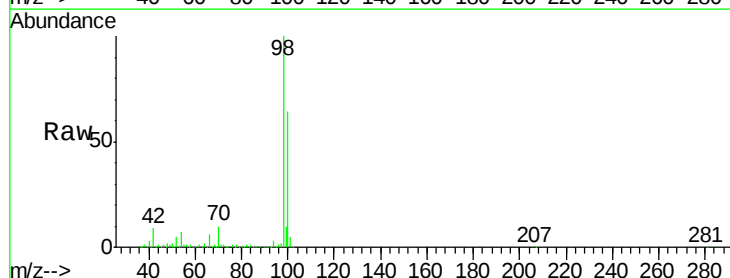
Acq: 19 Aug 2019 14:19

Tgt Ion: 98 Resp: 1750872

Ion Ratio Lower Upper

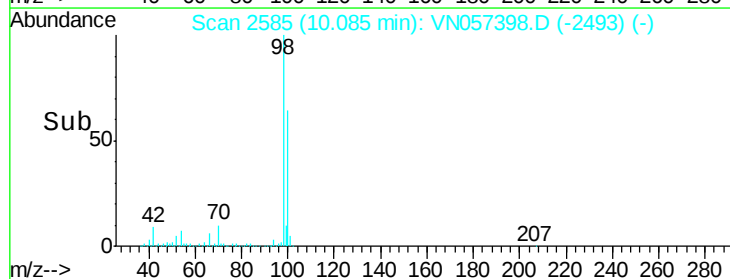
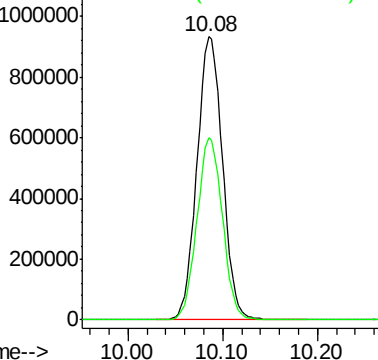
98 100

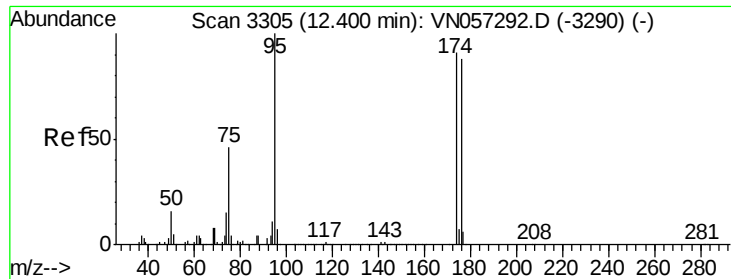
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.350 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057398.D

Acq: 19 Aug 2019 14:19

Instrument :

MSVOA_N

ClientSampled :

T8-A2-(4)

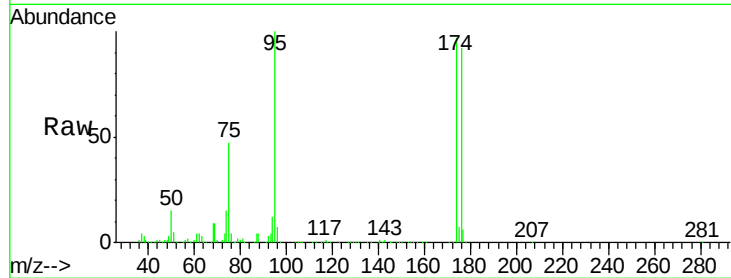
Tot Ion: 95 Resp: 476841

Ion Ratio Lower Upper

95 100

174 97.0 0.0 185.0

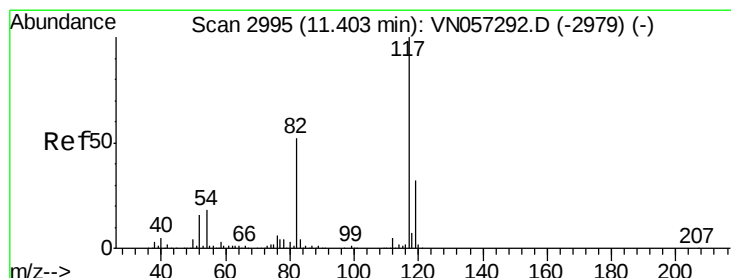
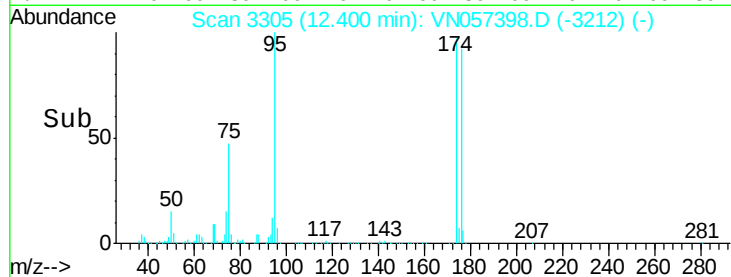
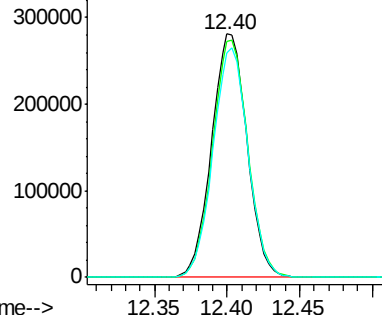
176 93.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057398.D

Acq: 19 Aug 2019 14:19

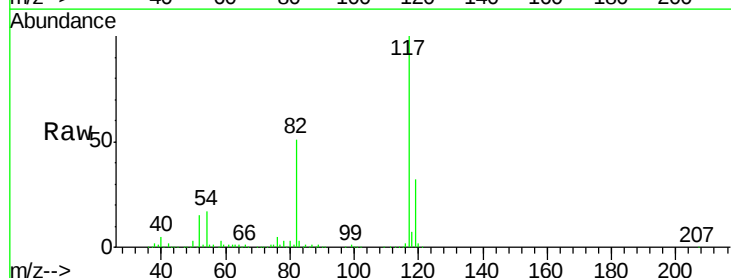
Tgt Ion: 117 Resp: 1295553

Ion Ratio Lower Upper

117 100

82 50.6 41.2 61.8

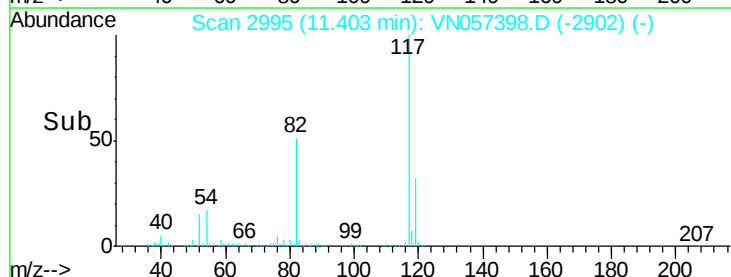
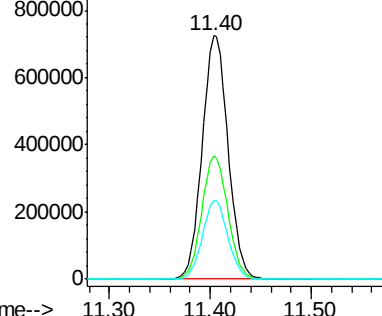
119 32.3 25.8 38.8

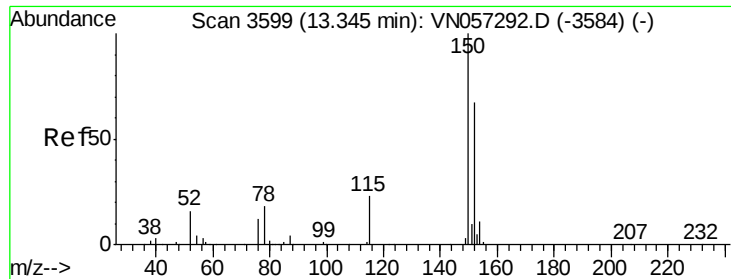


Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057292.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057292.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057398.D

Acq: 19 Aug 2019 14:19

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(4)

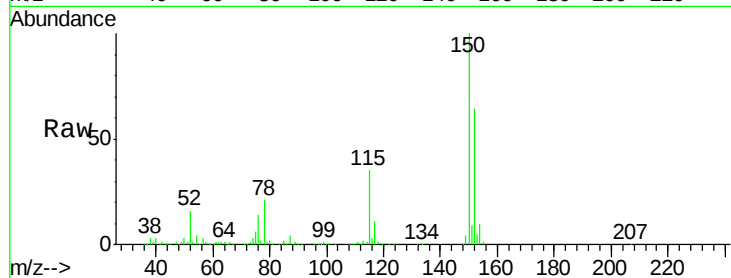
Tot Ion:152 Resp: 350034

Ion Ratio Lower Upper

152 100

115 54.7 27.3 81.9

150 156.1 0.0 344.4



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

