

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057086.D
 Acq On : 5 Aug 2019 16:48
 Operator : JC/SP
 Sample : K4130-38
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-M-(0-1)

Quant Time: Aug 06 02:23:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

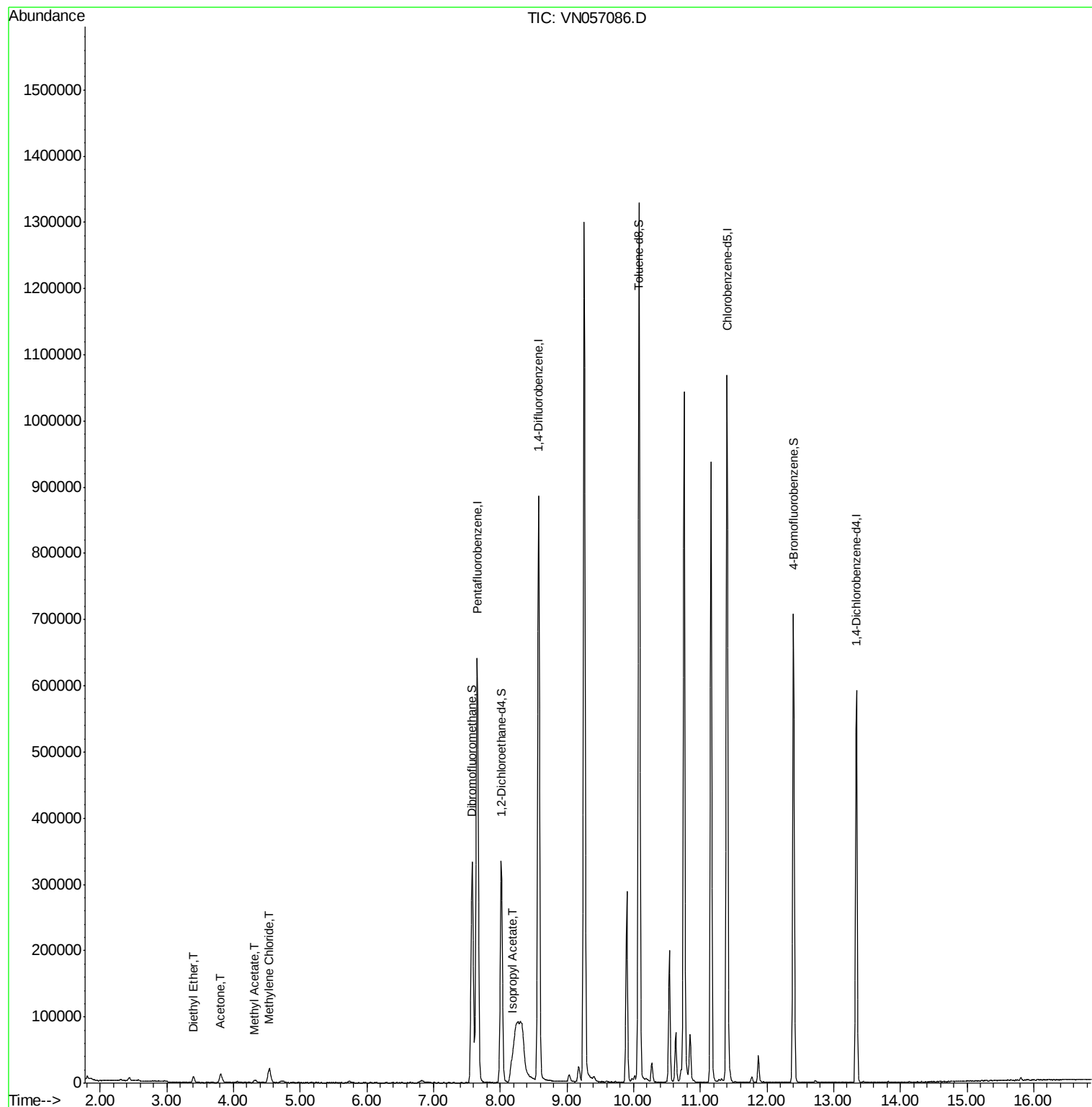
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	573894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	833849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	689494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	284952	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	7.58	113	255850	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.08	98	974876	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.40	95	255934	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.24%	
Target Compounds						
8) Diethyl Ether	3.40	74	4838	1.516	ug/l	98
16) Acetone	3.81	43	24131	11.338	ug/l	98
18) Methyl Acetate	4.32	43	8539	1.258	ug/l #	76
20) Methylene Chloride	4.54	84	17270	2.817	ug/l	94
43) Isopropyl Acetate	8.17	43	25313	2.606	ug/l #	82

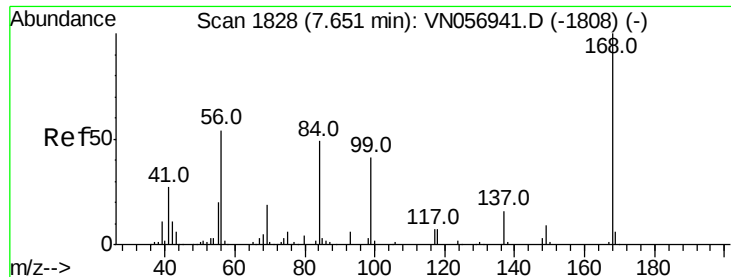
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
Data File : VN057086.D
Acq On : 5 Aug 2019 16:48
Operator : JC/SP
Sample : K4130-38
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-M-(0-1)

Quant Time: Aug 06 02:23:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057086.D

Acq: 5 Aug 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

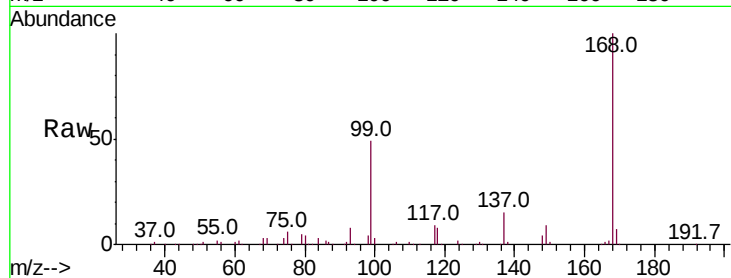
1S-M-(0-1)

Tot Ion:168 Resp: 573894

Ion Ratio Lower Upper

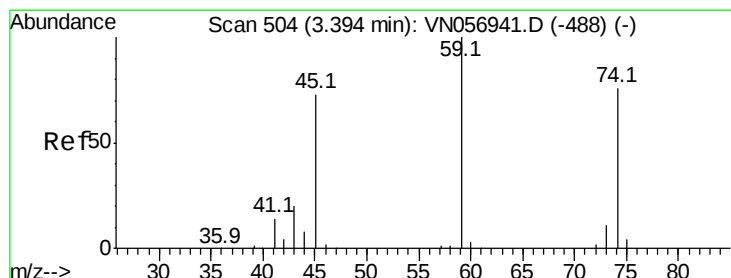
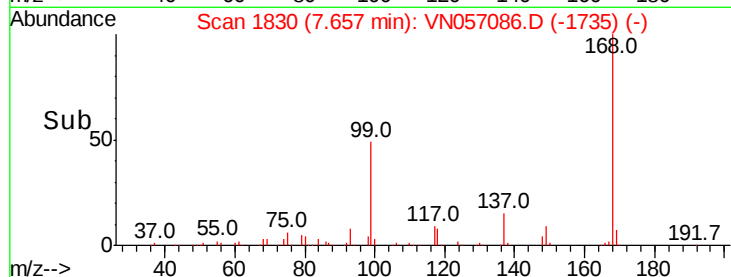
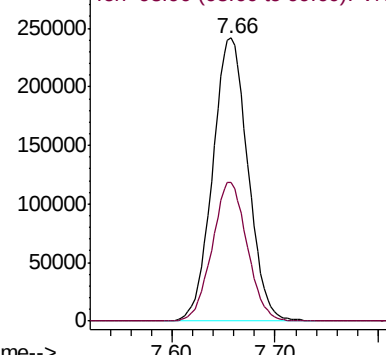
168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#8

Diethyl Ether

Concen: 1.516 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.01 min

Lab File: VN057086.D

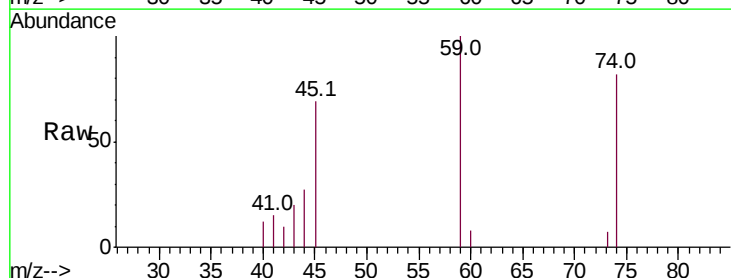
Acq: 5 Aug 2019 16:48

Tgt Ion: 74 Resp: 4838

Ion Ratio Lower Upper

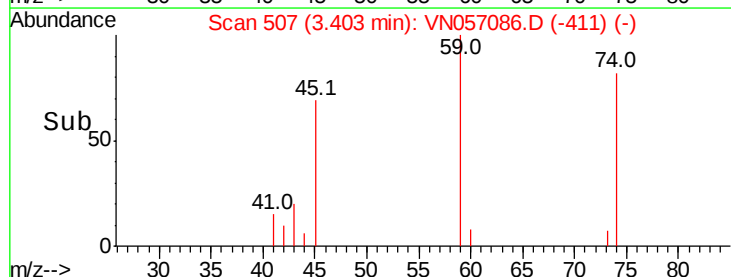
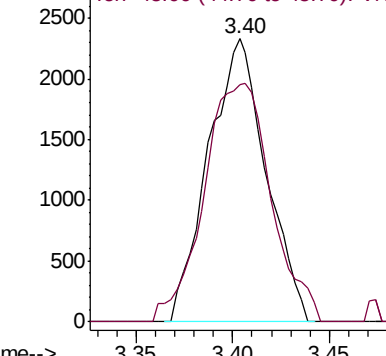
74 100

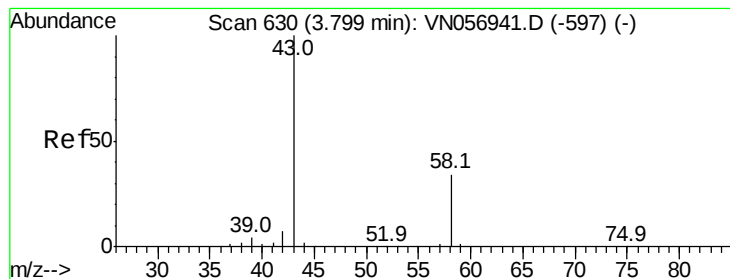
45 98.1 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN





#16

Acetone

Concen: 11.338 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057086.D

Acq: 5 Aug 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

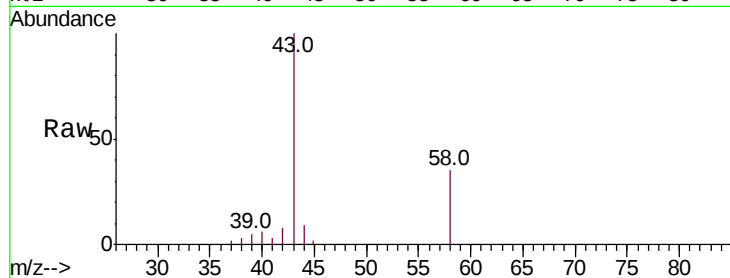
1S-M-(0-1)

Tot Ion: 43 Resp: 24131

Ion Ratio Lower Upper

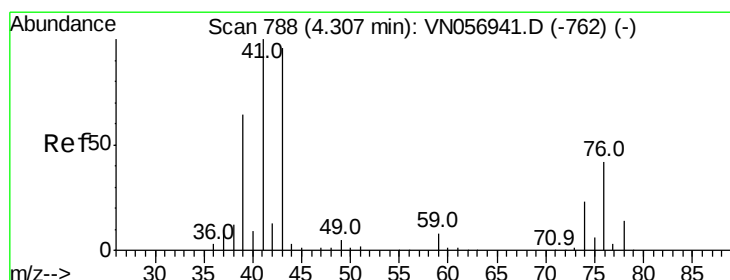
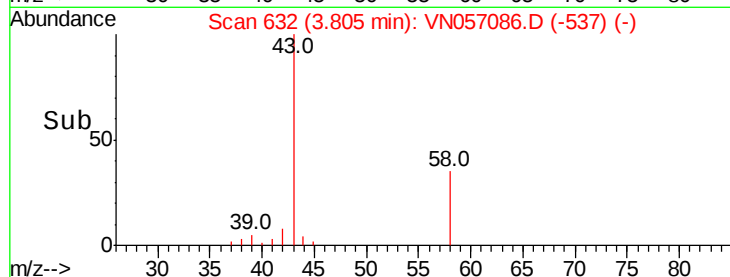
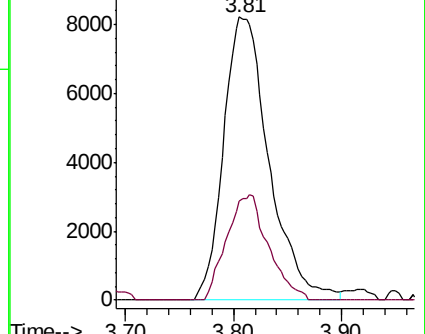
43 100

58 35.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN057086.D (-632) (-)

Ion 58.00 (57.70 to 58.70): VN057086.D (-632) (-)



#18

Methyl Acetate

Concen: 1.258 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057086.D

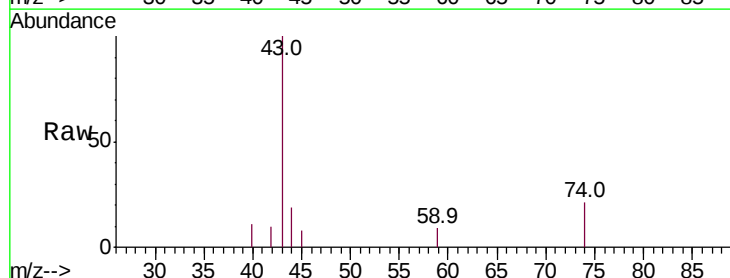
Acq: 5 Aug 2019 16:48

Tgt Ion: 43 Resp: 8539

Ion Ratio Lower Upper

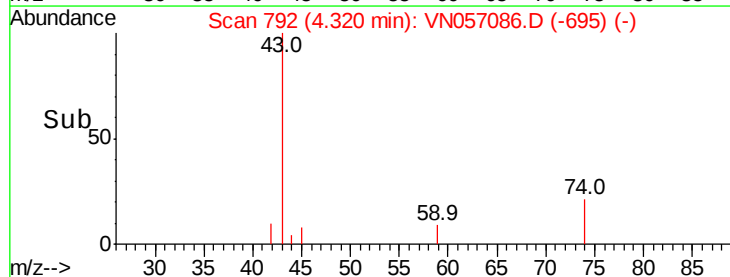
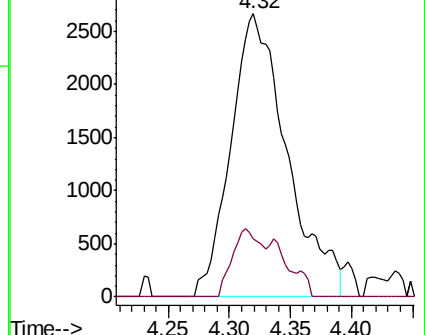
43 100

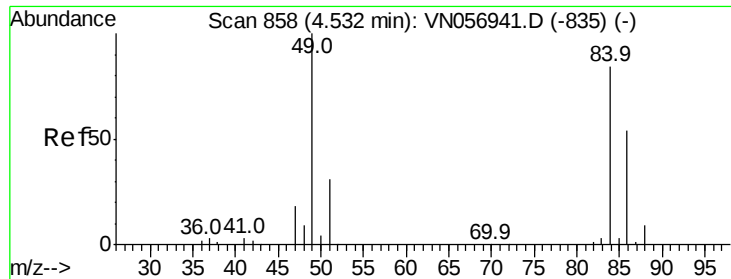
74 12.5 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN057086.D (-792) (-)

Ion 74.00 (73.70 to 74.70): VN057086.D (-792) (-)

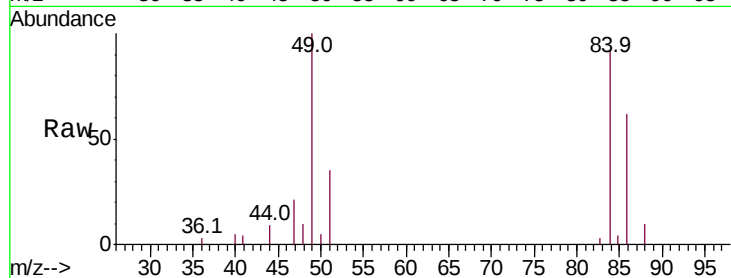




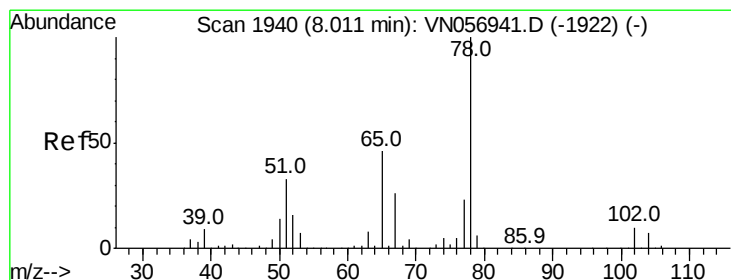
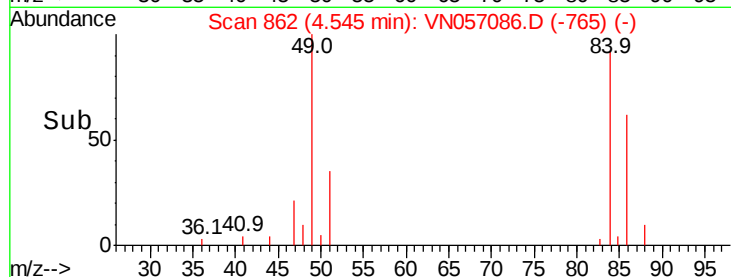
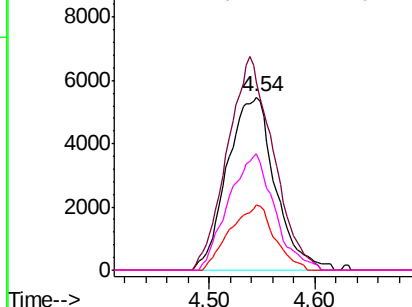
#20
Methvlene Chloride
Concen: 2.817 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN057086.D
Acq: 5 Aug 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :
1S-M-(0-1)

Tot Ion: 84 Resp: 17270
Ion Ratio Lower Upper
84 100
49 108.8 95.2 142.8
51 37.9 29.7 44.5
86 67.1 51.0 76.6

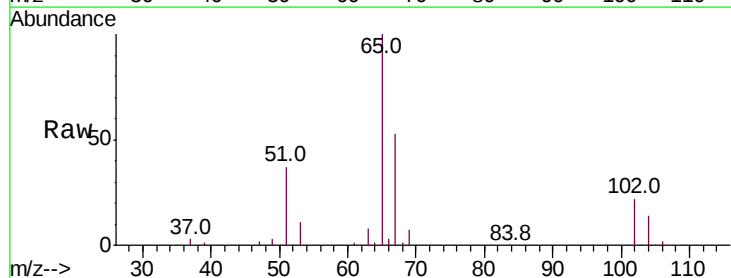


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

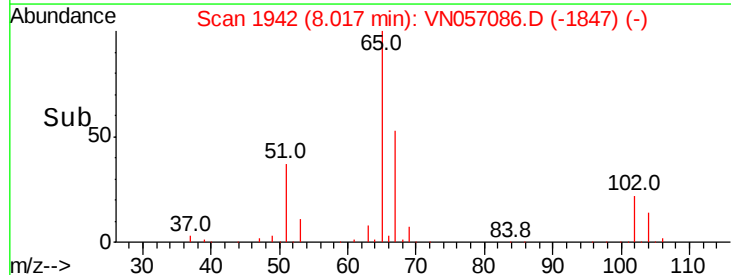
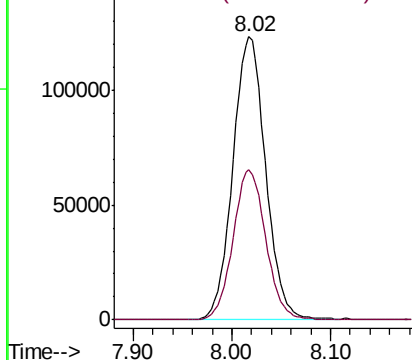


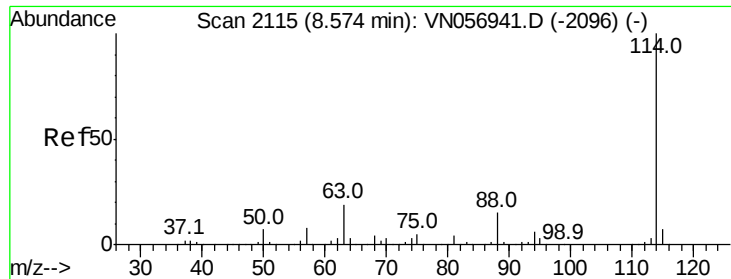
#33
1,2-Dichloroethane-d4
Concen: 48.506 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057086.D
Acq: 5 Aug 2019 16:48

Tgt Ion: 65 Resp: 284952
Ion Ratio Lower Upper
65 100
67 52.9 0.0 112.0



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

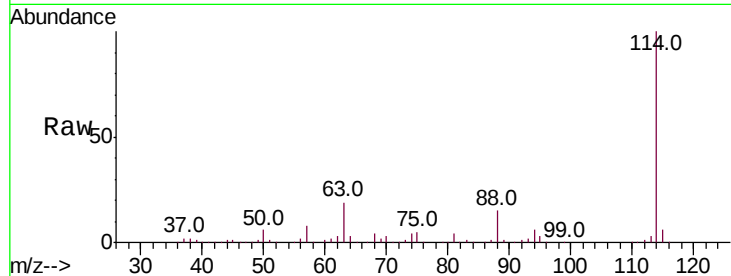




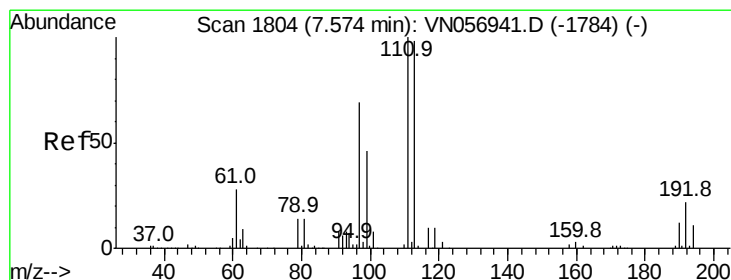
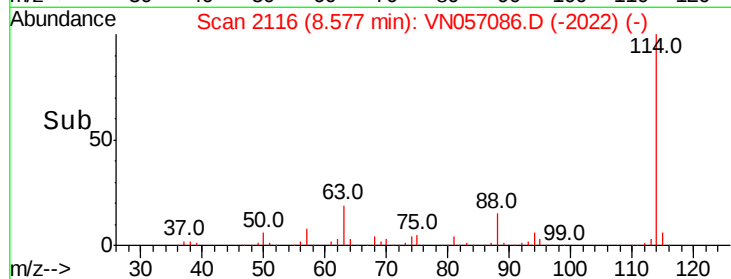
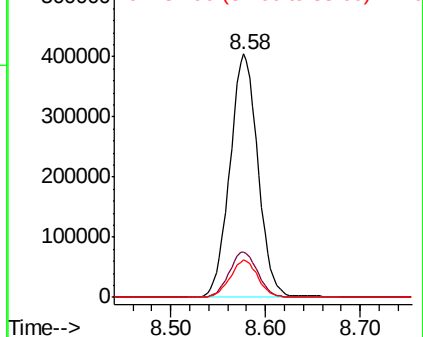
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057086.D
 Acq: 5 Aug 2019 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-M-(0-1)

Tot Ion:114 Resp: 833849
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.2 0.0 30.0

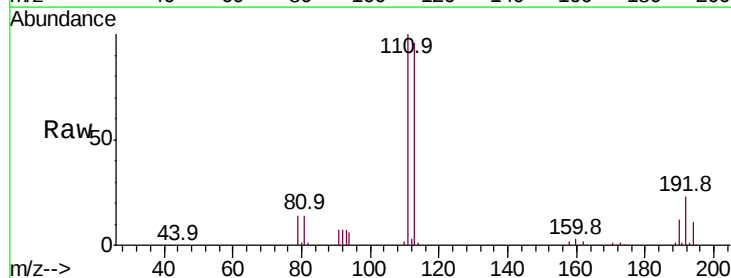


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

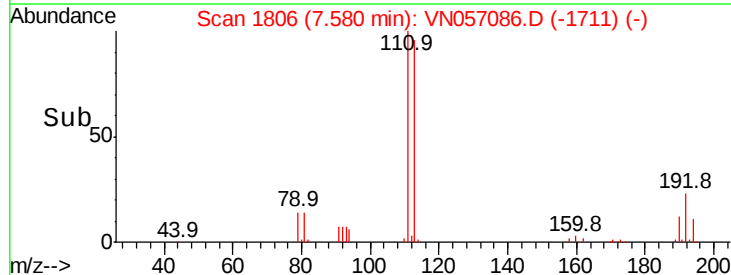
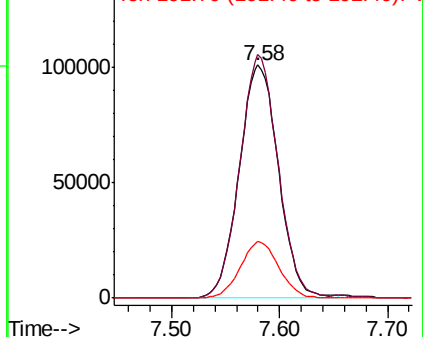


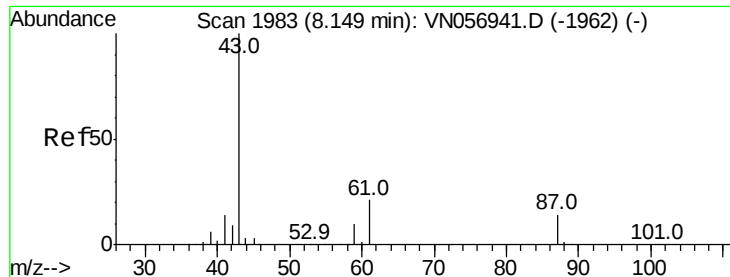
#35
 Dibromofluoromethane
 Concen: 47.930 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057086.D
 Acq: 5 Aug 2019 16:48

Tgt Ion:113 Resp: 255850
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 23.8 18.4 27.6



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: 2.606 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VN057086.D

Acq: 5 Aug 2019 16:48

Instrument :

MSVOA_N

ClientSampled :

1S-M-(0-1)

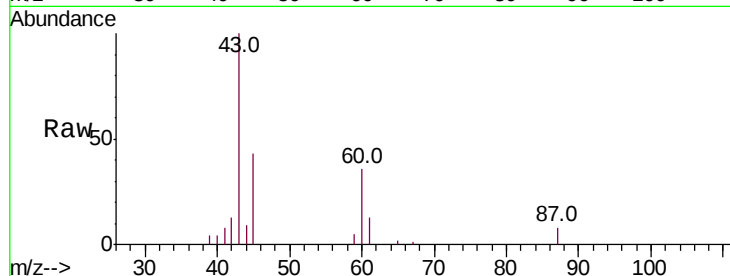
Tot Ion: 43 Resp: 25313

Ion Ratio Lower Upper

43 100

61 19.2 23.0 34.6#

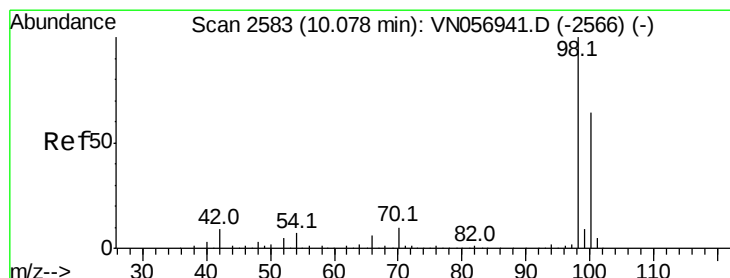
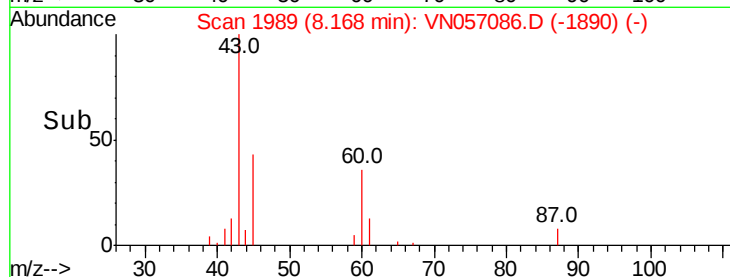
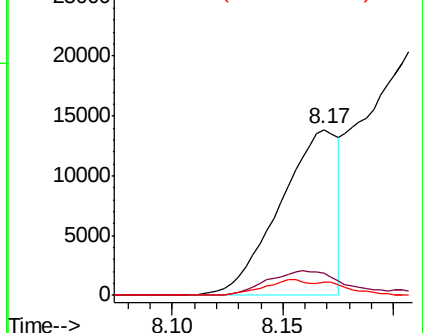
87 6.9 11.7 17.5#



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: 47.890 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057086.D

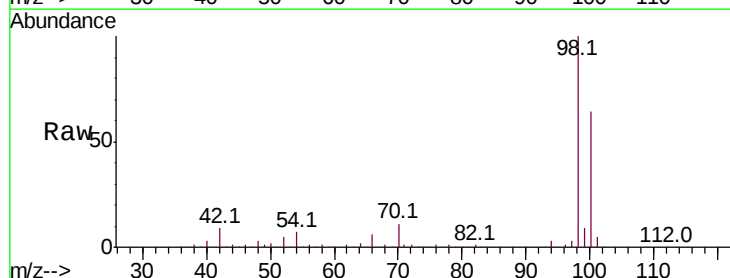
Acq: 5 Aug 2019 16:48

Tgt Ion: 98 Resp: 974876

Ion Ratio Lower Upper

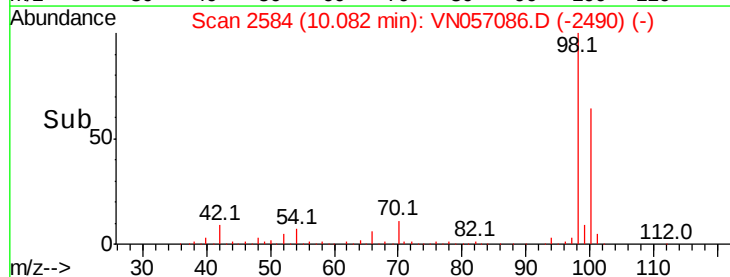
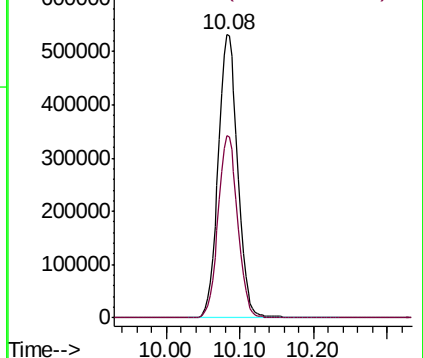
98 100

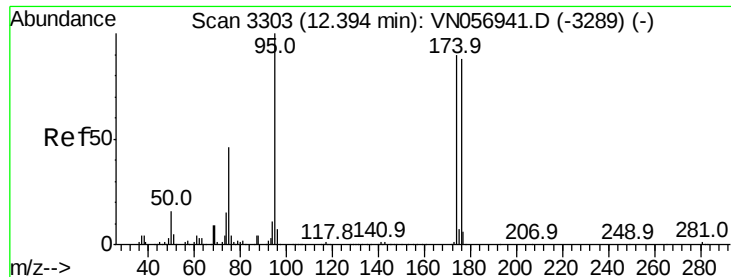
100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

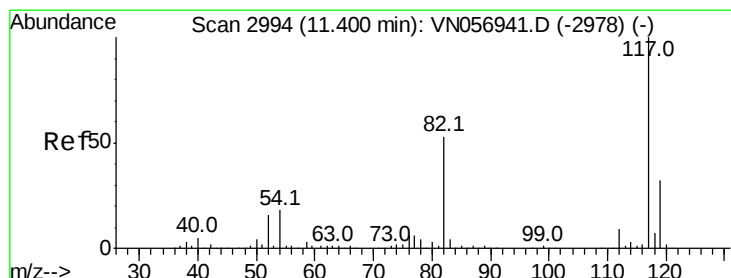
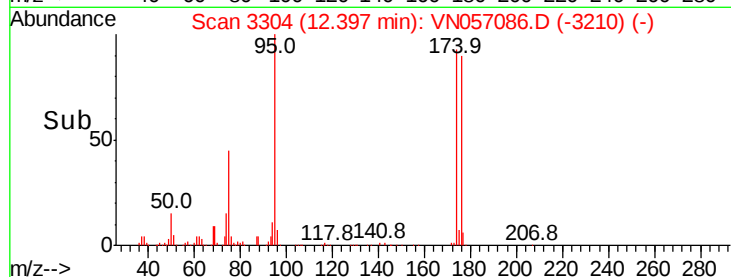
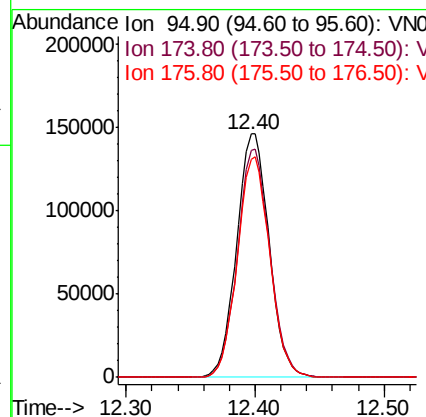
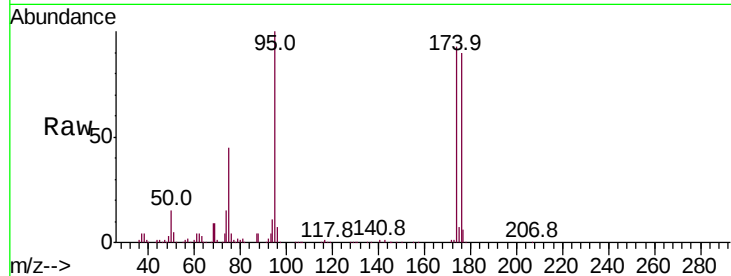




#62
4-Bromofluorobenzene
Concen: 38.620 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057086.D
Acq: 5 Aug 2019 16:48

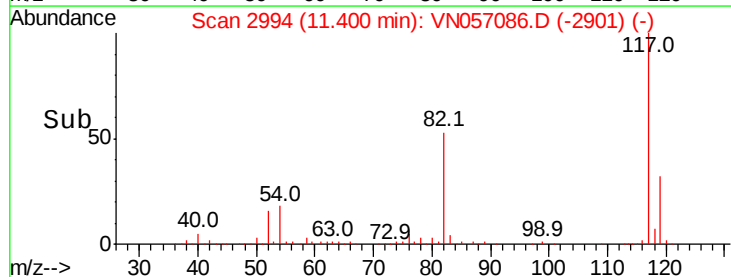
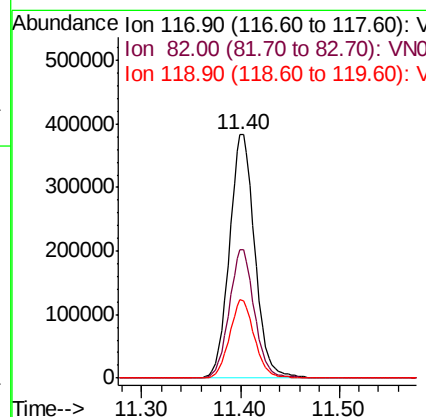
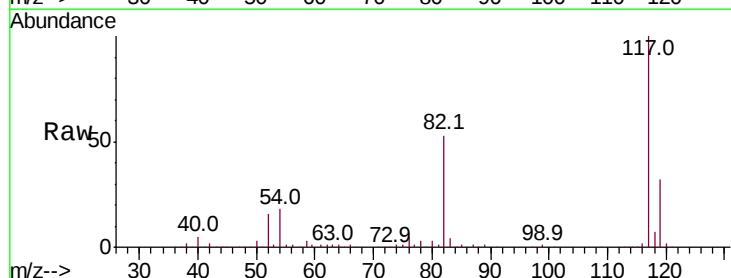
Instrument :
MSVOA_N
ClientSampleId :
1S-M-(0-1)

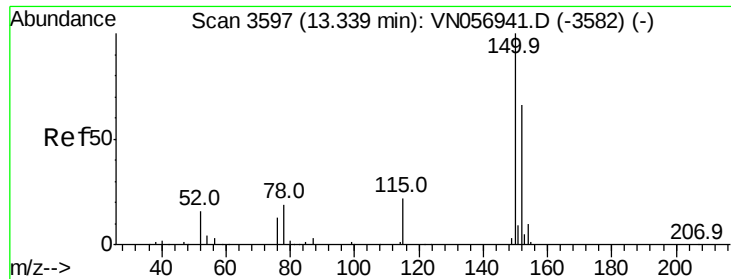
Tot Ion: 95 Resp: 255934
Ion Ratio Lower Upper
95 100
174 93.5 0.0 182.2
176 90.4 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057086.D
Acq: 5 Aug 2019 16:48

Tgt Ion: 117 Resp: 689494
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057086.D

Acq: 5 Aug 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

1S-M-(0-1)

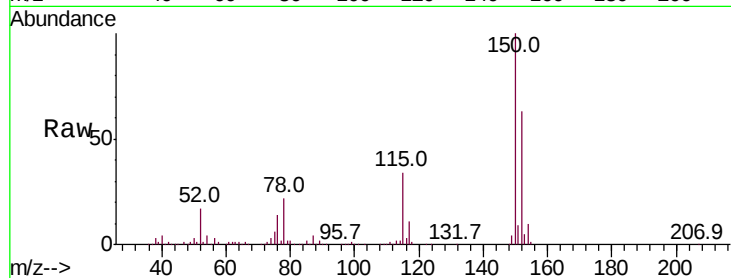
Tot Ion:152 Resp: 178980

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.6

150 157.7 0.0 349.4



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

