

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058980.D
 Acq On : 25 Oct 2019 12:32
 Operator : JC/SP
 Sample : K5153-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-102419

Quant Time: Oct 25 23:45:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

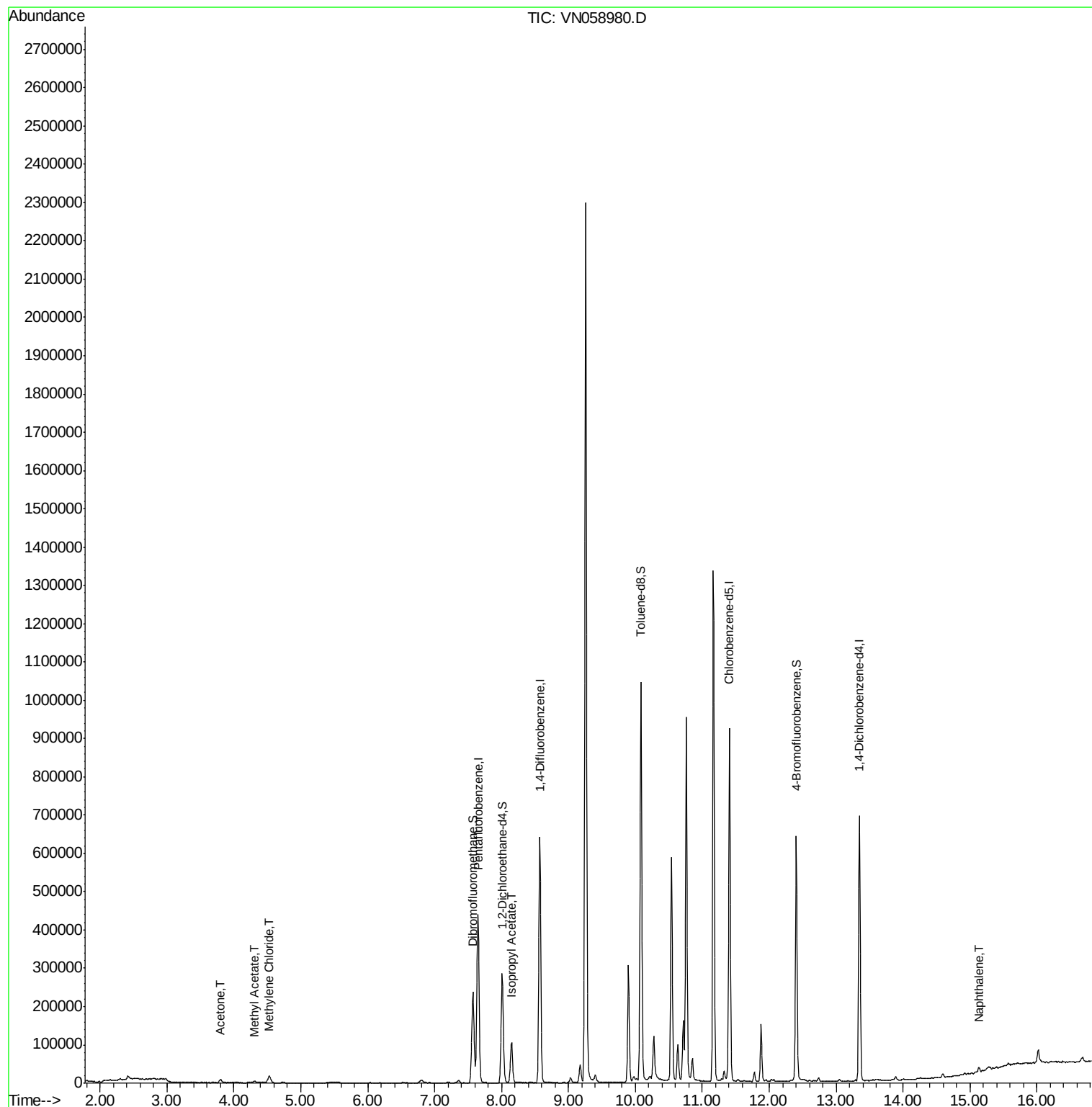
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	347588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	547040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	181595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	250080	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.57	113	180061	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.08	98	711614	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	221474	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
16) Acetone	3.80	43	13583	5.392	ug/l	99
18) Methyl Acetate	4.31	43	7044	1.230	ug/l #	77
20) Methylene Chloride	4.53	84	12680	2.948	ug/l	95
43) Isopropyl Acetate	8.15	43	127521	13.030	ug/l #	90
95) Naphthalene	15.13	128	9518	3.100	ug/l #	95

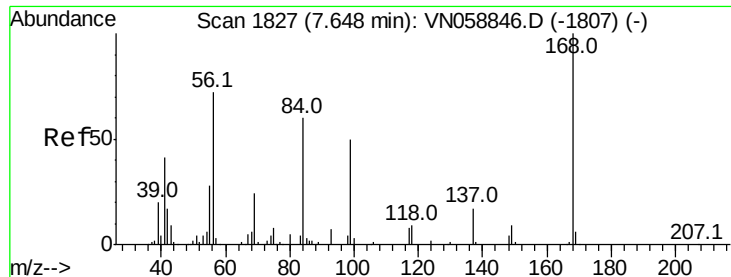
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102619\
Data File : VN058980.D
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MSVOA_N
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TR-05-102419

Quant Time: Oct 25 23:45:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

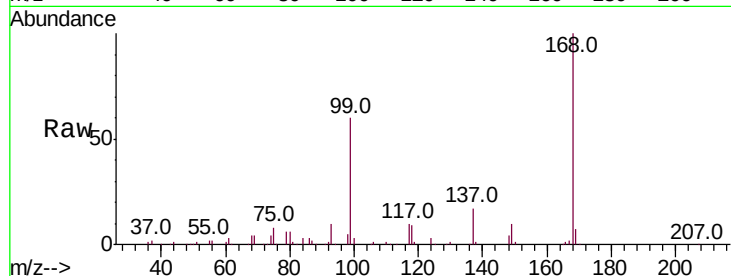
TR-05-102419

Tot Ion:168 Resp: 347588

Ion Ratio Lower Upper

168 100

99 60.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

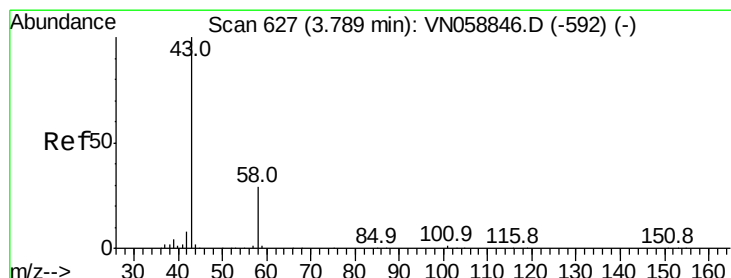
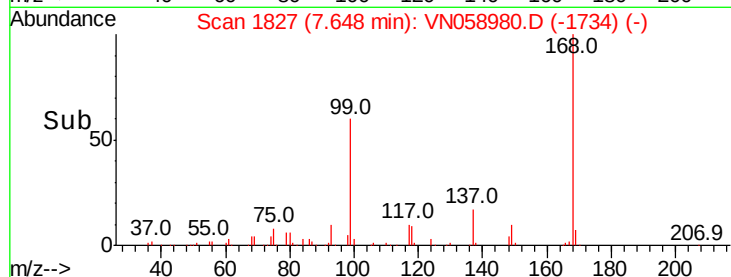
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.392 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058980.D

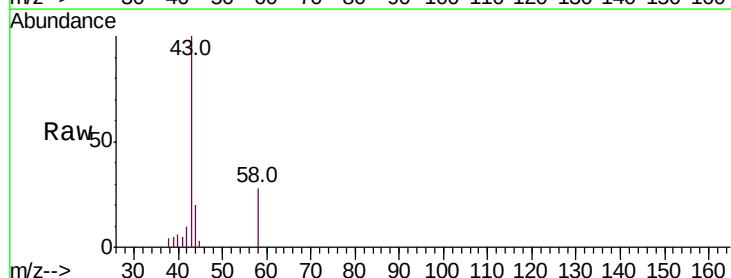
Acq: 25 Oct 2019 12:32

Tgt Ion: 43 Resp: 13583

Ion Ratio Lower Upper

43 100

58 28.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

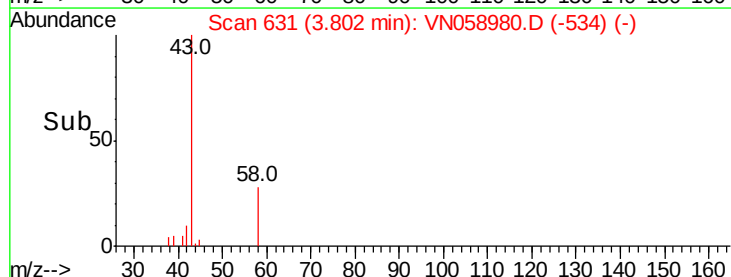
3000

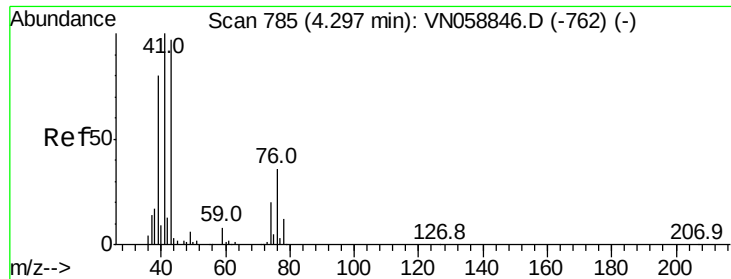
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

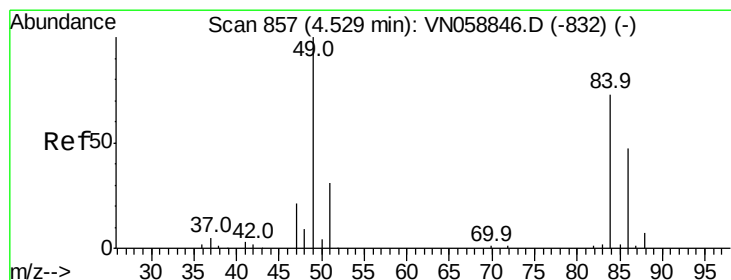
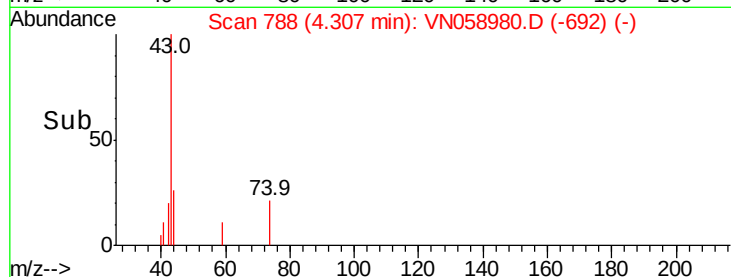
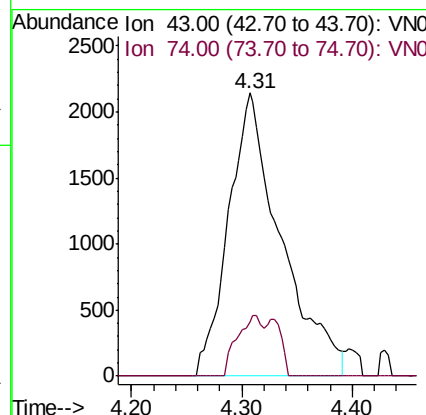
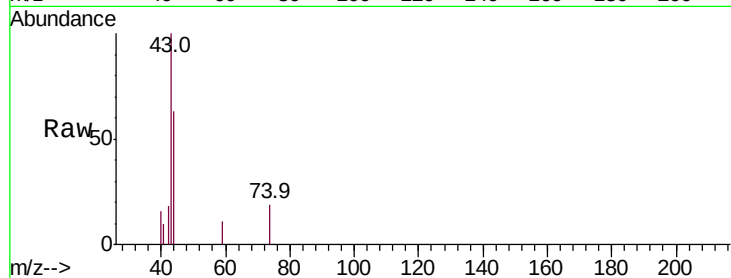




#18
Methyl Acetate
Concen: 1.230 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

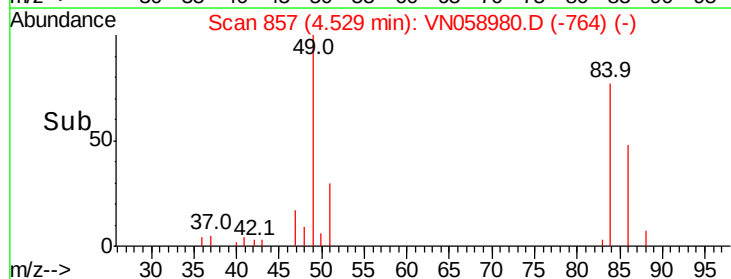
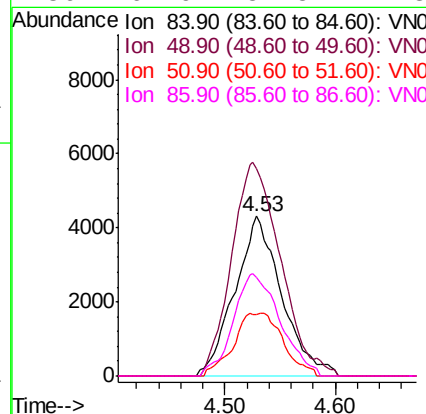
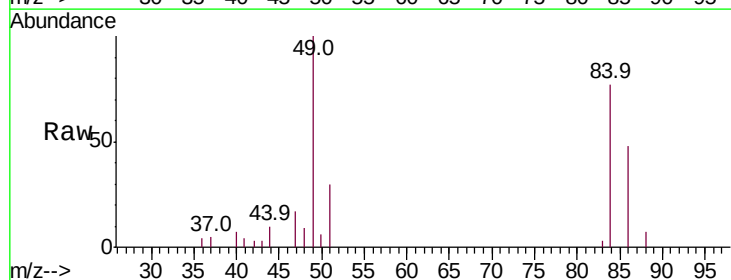
Instrument :
MSVOA_N
ClientSampleId :
TR-05-102419

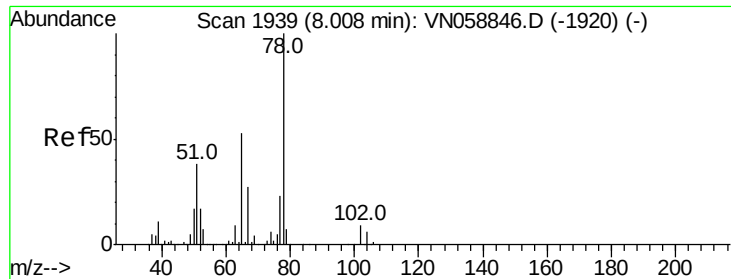
Tot Ion: 43 Resp: 7044
Ion Ratio Lower Upper
43 100
74 10.5 17.1 25.7#



#20
Methylene Chloride
Concen: 2.948 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Tgt Ion: 84 Resp: 12680
Ion Ratio Lower Upper
84 100
49 129.5 109.6 164.4
51 38.4 33.8 50.6
86 61.9 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 49.055 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

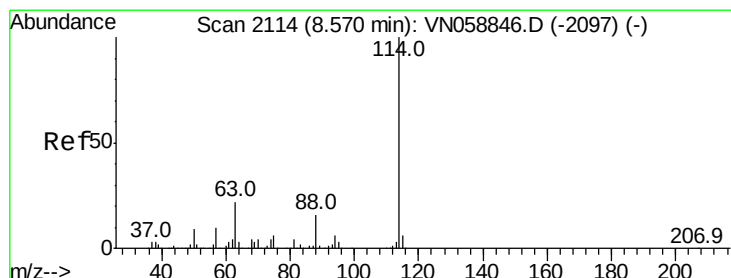
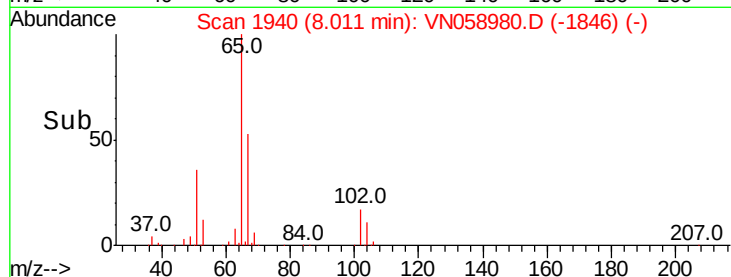
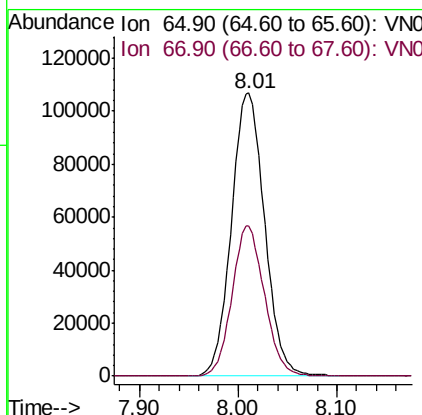
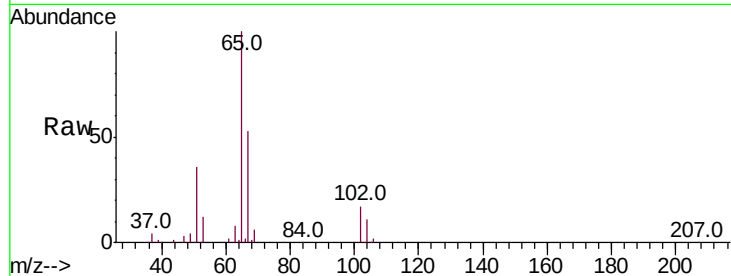
Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
TR-05-102419

Tot Ion: 65 Resp: 250080

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

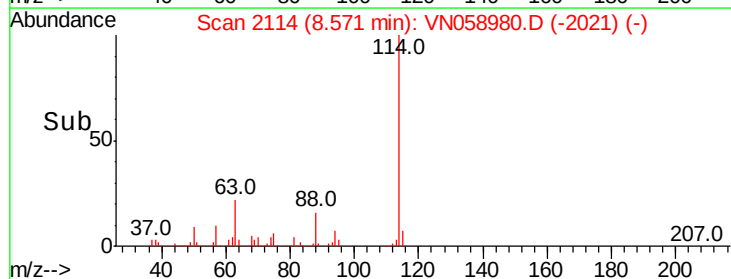
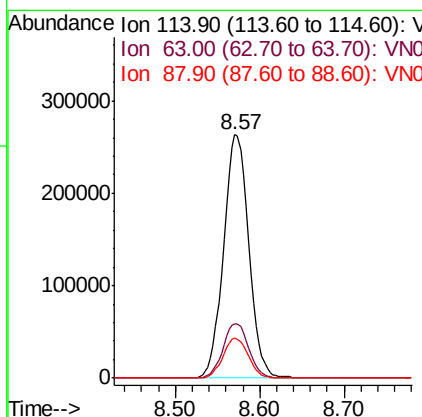
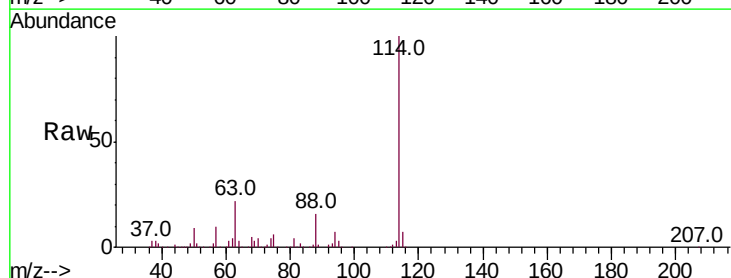
Delta R.T. 0.00 min

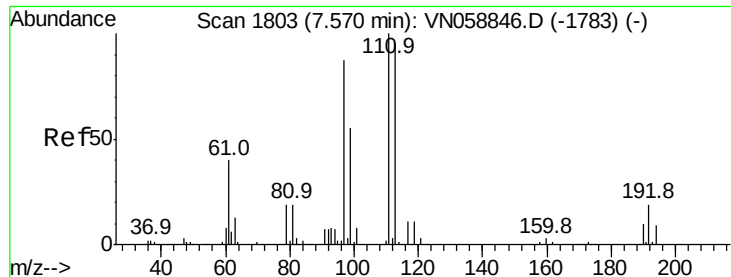
Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Tgt Ion: 114 Resp: 547040

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.4
88	16.3	0.0	31.4

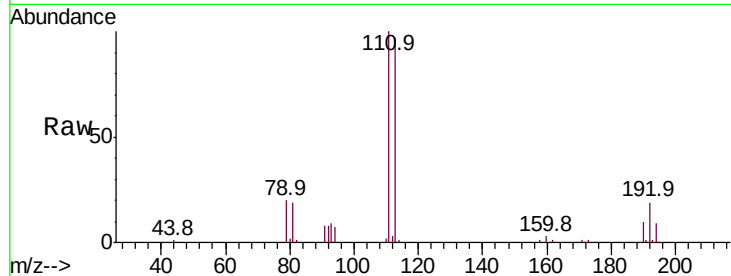




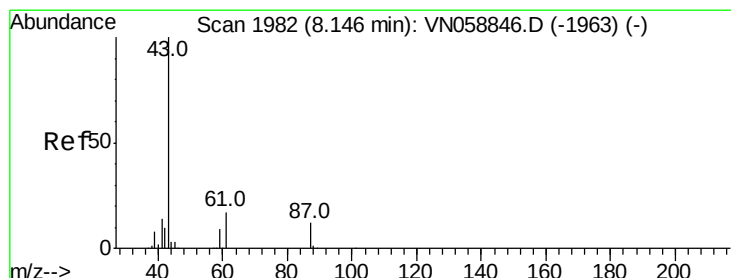
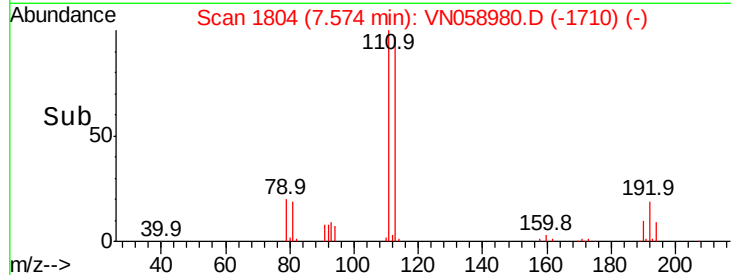
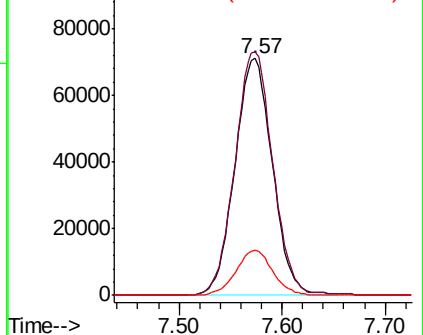
#35
Dibromofluoromethane
Concen: 50.064 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
TR-05-102419

Tot Ion:113 Resp: 180061
Ion Ratio Lower Upper
113 100
111 104.2 82.0 123.0
192 18.7 15.0 22.6

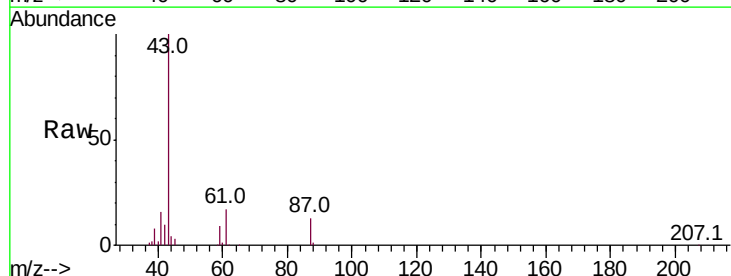


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

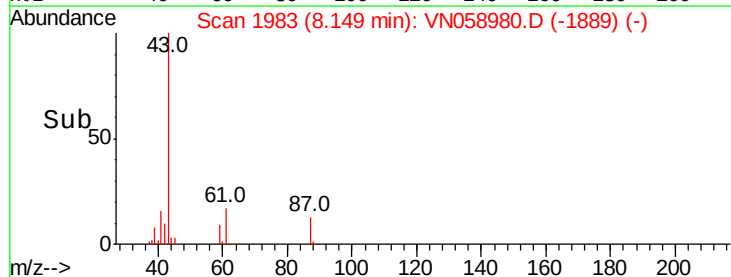
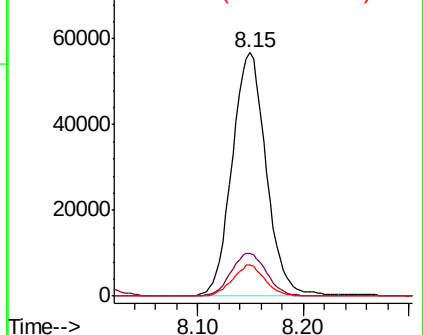


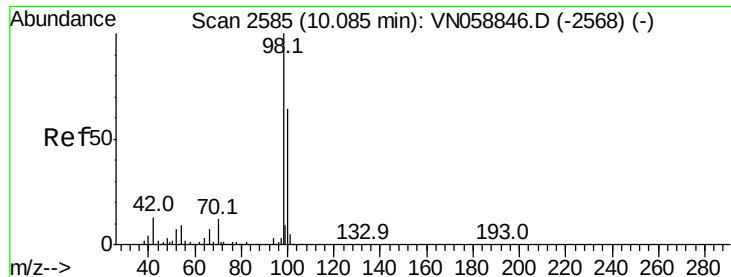
#43
Isopropyl Acetate
Concen: 13.030 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Tgt Ion: 43 Resp: 127521
Ion Ratio Lower Upper
43 100
61 18.2 20.2 30.2#
87 12.1 9.5 14.3



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: 50.969 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

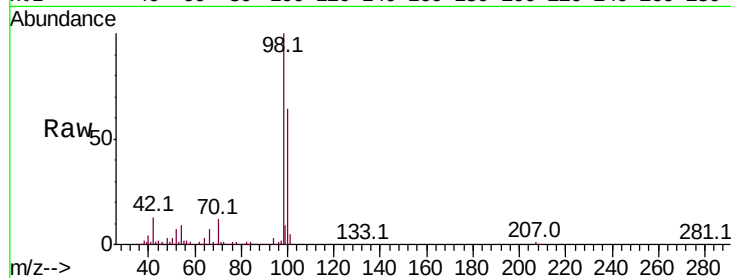
TR-05-102419

Tot Ion: 98 Resp: 711614

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)

10.08

400000

300000

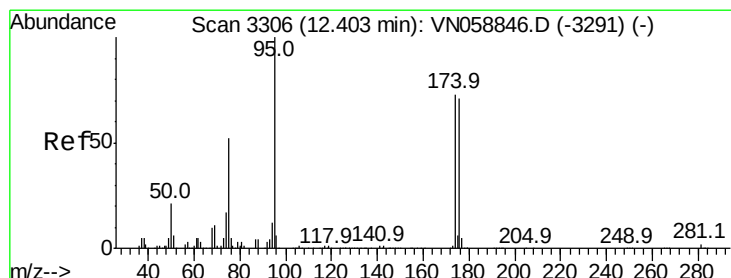
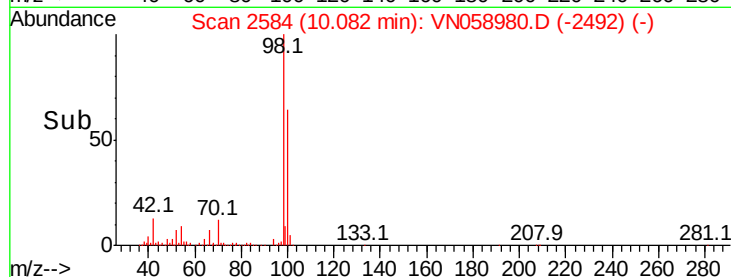
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 43.197 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

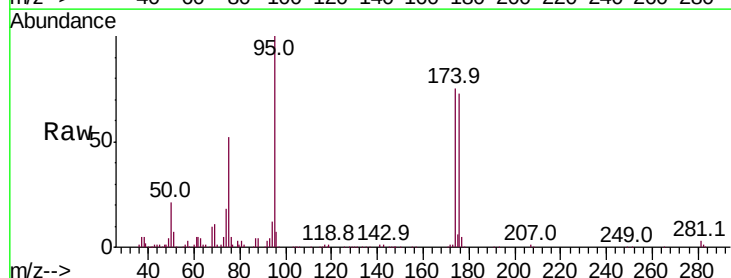
Tgt Ion: 95 Resp: 221474

Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.6

176 73.5 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.40

150000

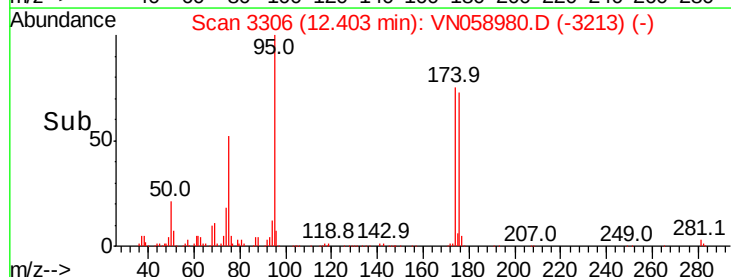
100000

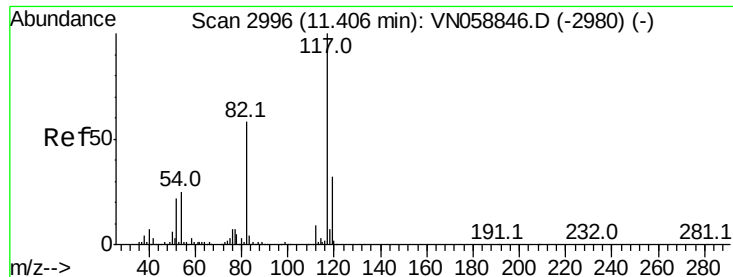
50000

0

12.30 12.40 12.50

Time-->

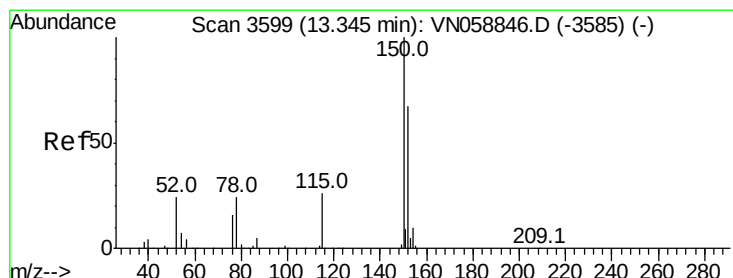
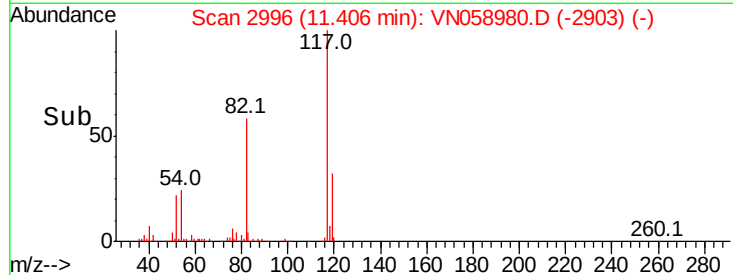
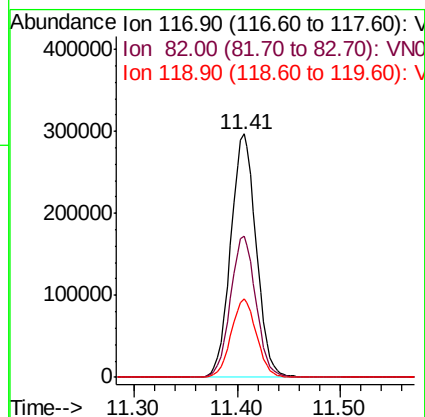
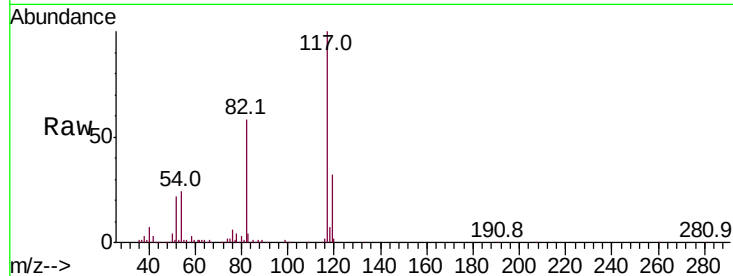




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

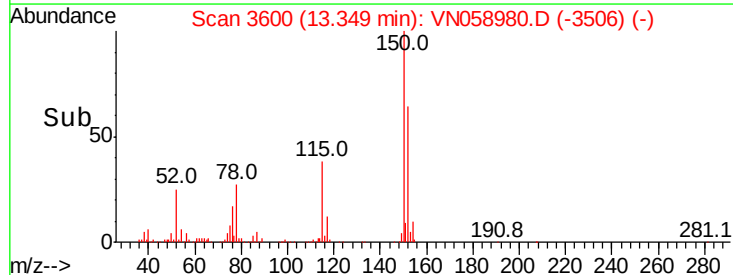
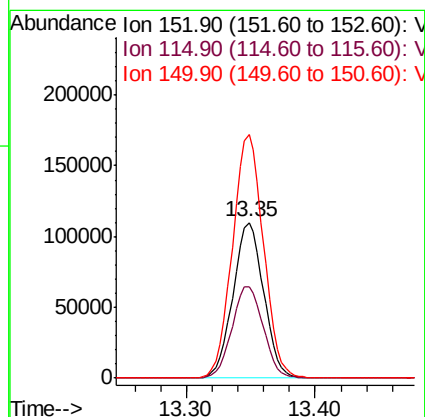
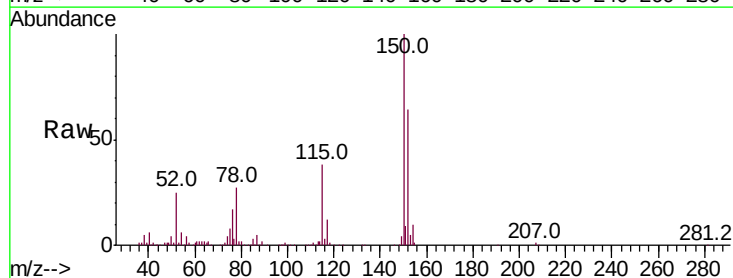
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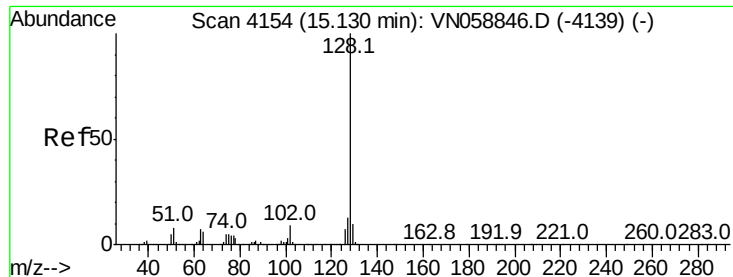
Tot Ion:117 Resp: 511962
Ion Ratio Lower Upper
117 100
82 57.8 46.6 69.8
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Tgt Ion:152 Resp: 181595
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 157.8 0.0 344.4





#95

Naphthalene

Concen: 3.100 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

TR-05-102419

Tot Ion:128 Resp: 9518

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.2#

129 9.6 8.4 12.6

