

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057969.D
 Acq On : 12 Sep 2019 14:31
 Operator : JC/SP
 Sample : K4644-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-D4-(4)

Quant Time: Sep 13 05:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

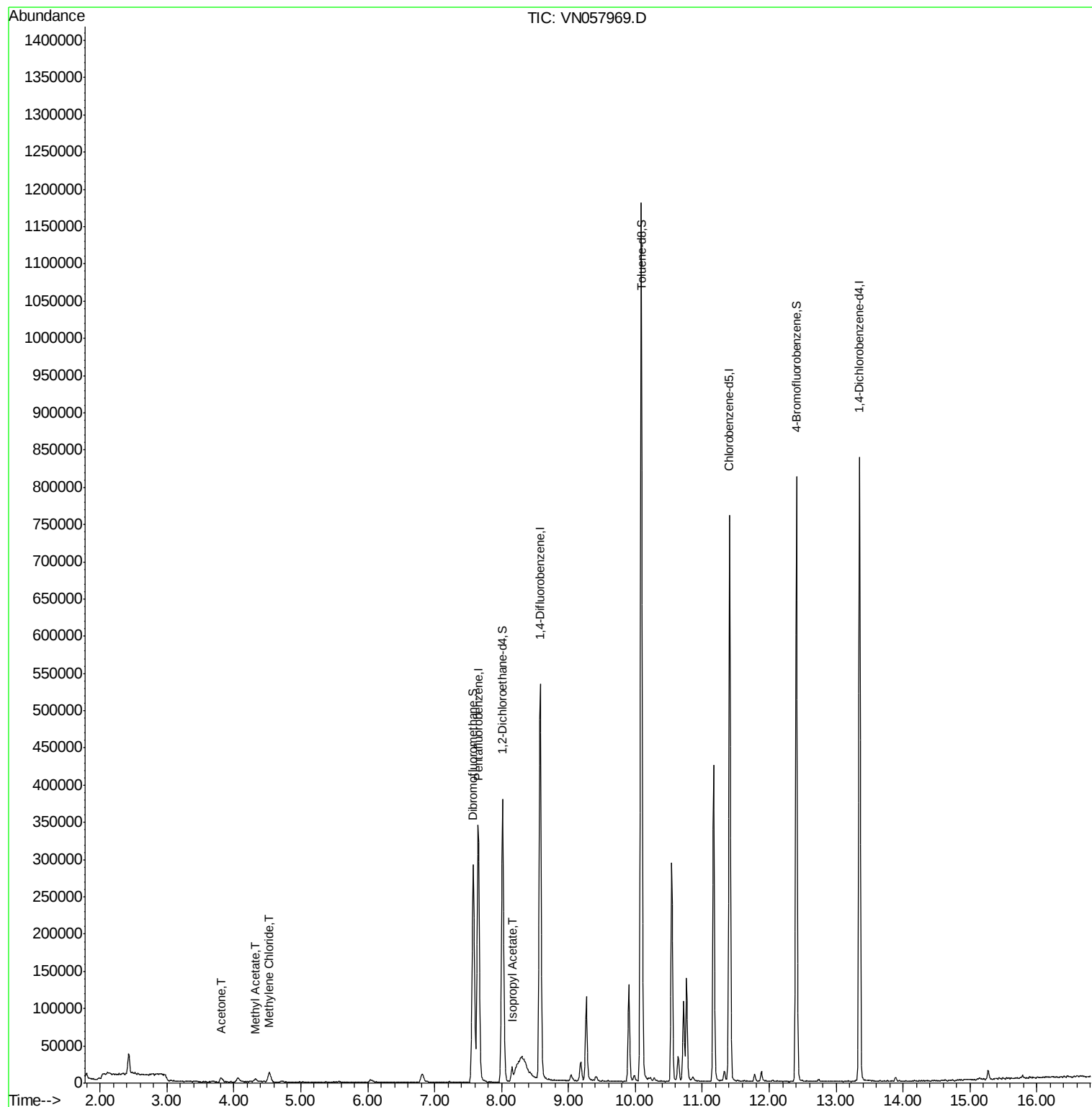
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	262855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	452230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	406440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	322799	60.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.26%	
35) Dibromofluoromethane	7.58	113	221299	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
50) Toluene-d8	10.09	98	811679	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.41	95	271935	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.06%	
Target Compounds						
16) Acetone	3.81	43	10102	5.788	ug/l	98
18) Methyl Acetate	4.32	43	7819	1.680	ug/l #	86
20) Methylene Chloride	4.53	84	9376	1.631	ug/l	93
43) Isopropyl Acetate	8.16	43	22709	2.492	ug/l #	90

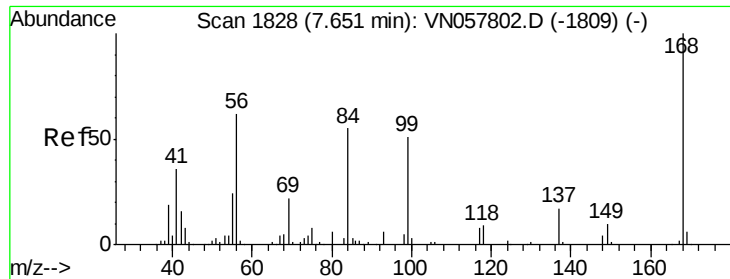
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091319\
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T11-D4-(4)

Quant Time: Sep 13 05:39:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057969.D

Acq: 12 Sep 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

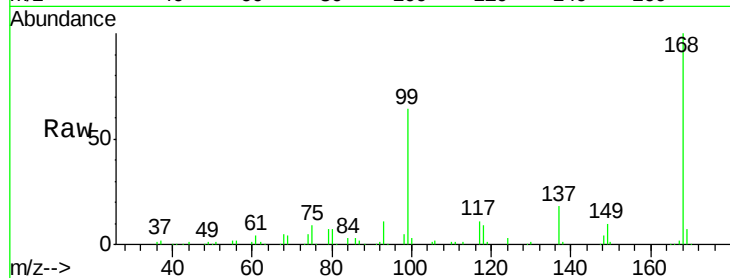
T11-D4-(4)

Tot Ion:168 Resp: 262855

Ion Ratio Lower Upper

168 100

99 64.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

120000

100000

80000

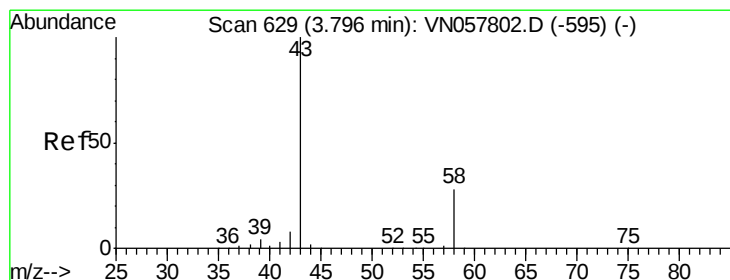
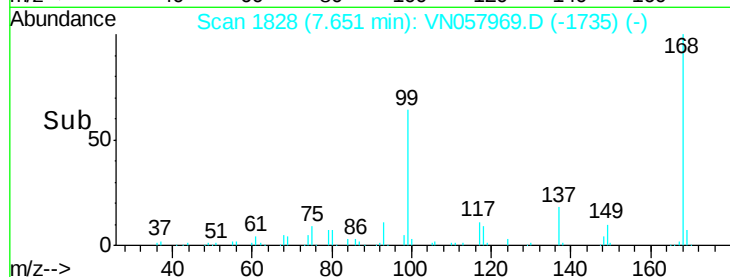
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.788 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057969.D

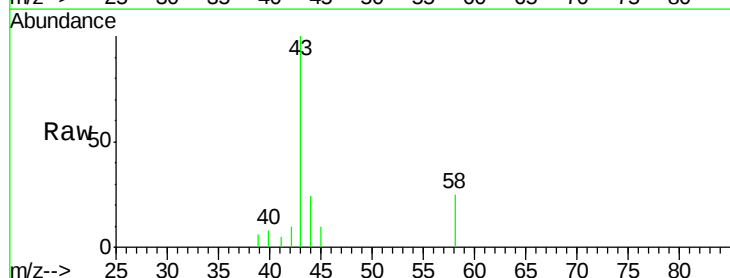
Acq: 12 Sep 2019 14:31

Tgt Ion: 43 Resp: 10102

Ion Ratio Lower Upper

43 100

58 26.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

4000

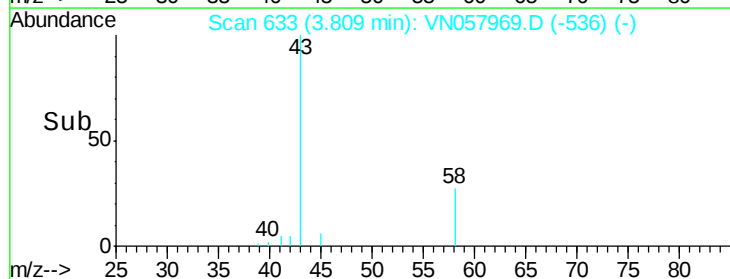
3000

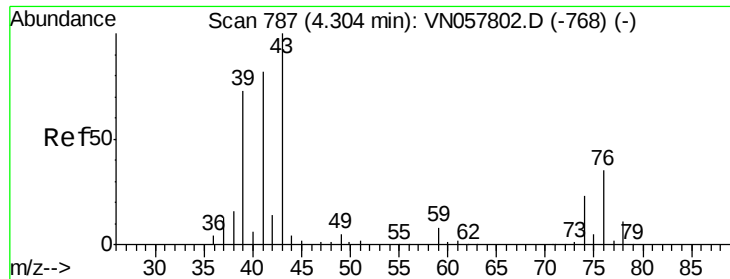
2000

1000

0

Time-->

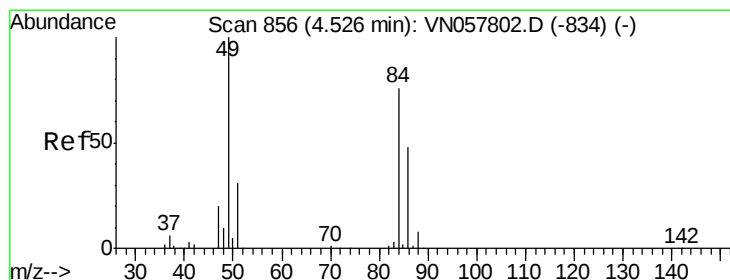
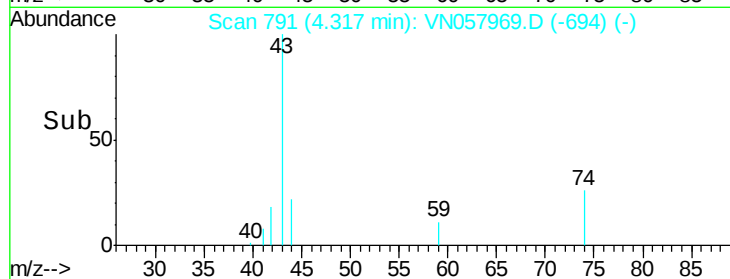
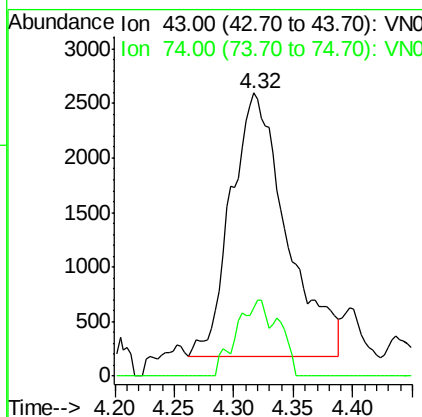
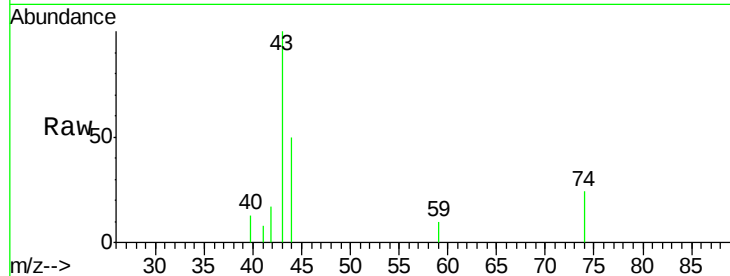




#18
Methyl Acetate
Concen: 1.680 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057969.D
Acq: 12 Sep 2019 14:31

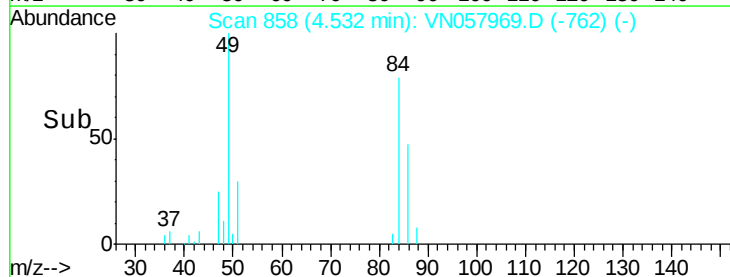
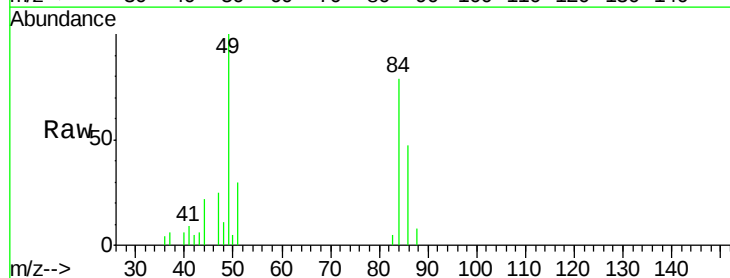
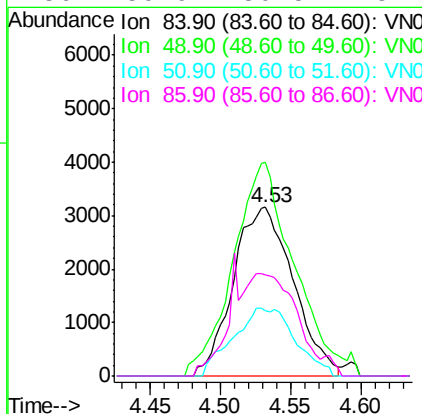
Instrument :
MSVOA_N
ClientSampled :
T11-D4-(4)

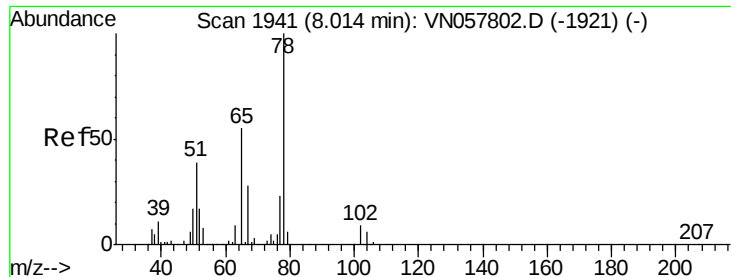
Tot Ion: 43 Resp: 7819
Ion Ratio Lower Upper
43 100
74 15.9 17.9 26.9#



#20
Methylene Chloride
Concen: 1.631 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057969.D
Acq: 12 Sep 2019 14:31

Tgt Ion: 84 Resp: 9376
Ion Ratio Lower Upper
84 100
49 120.3 104.8 157.2
51 38.5 33.0 49.4
86 59.9 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 60.632 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057969.D

Acq: 12 Sep 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

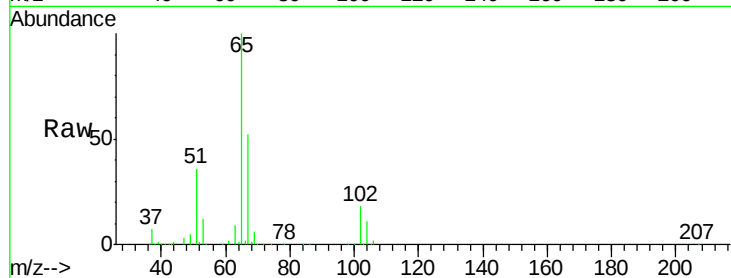
T11-D4-(4)

Tot Ion: 65 Resp: 322799

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

150000

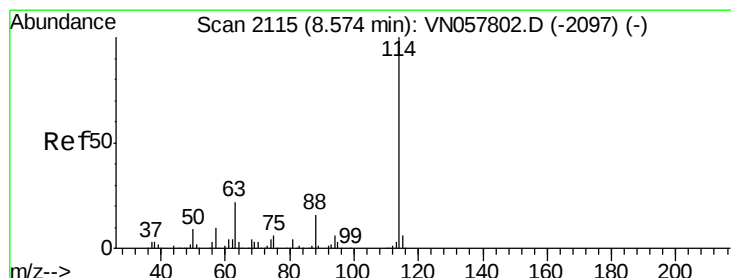
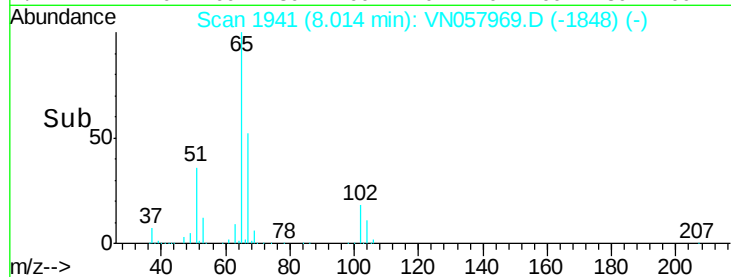
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057969.D

Acq: 12 Sep 2019 14:31

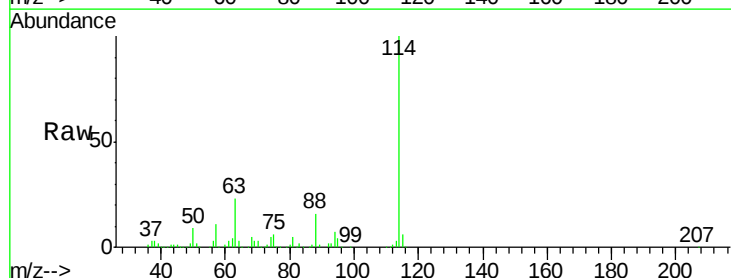
Tgt Ion: 114 Resp: 452230

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.0

88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057802.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057802.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057802.D (-2097) (-)

8.58

250000

200000

150000

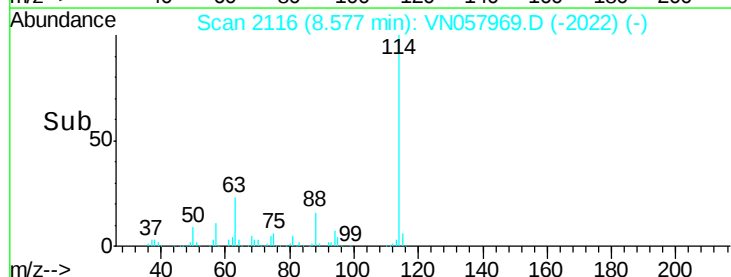
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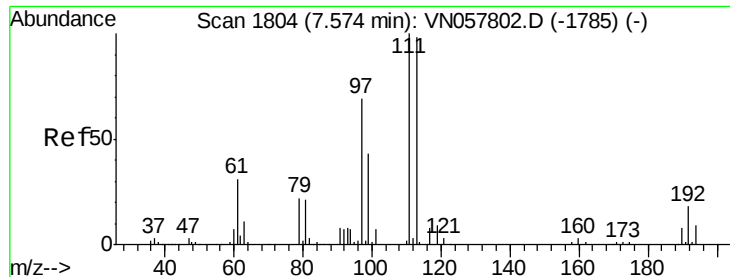
50000

0

8.50 8.60 8.70

Time-->

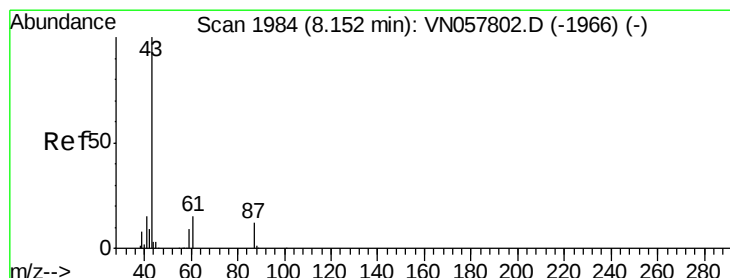
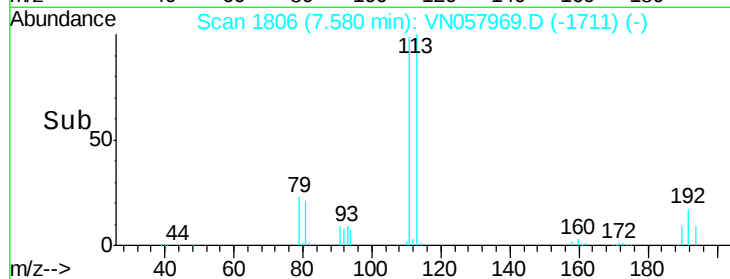
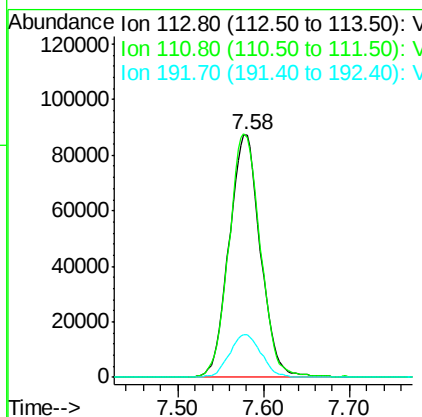
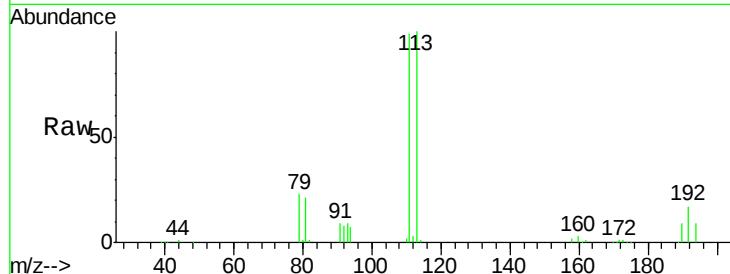




#35
 Dibromofluoromethane
 Concen: 53.020 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057969.D
 Acq: 12 Sep 2019 14:31

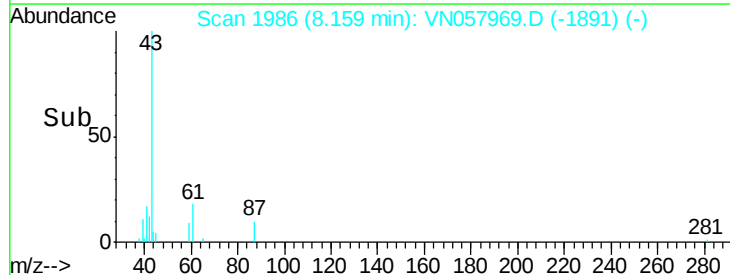
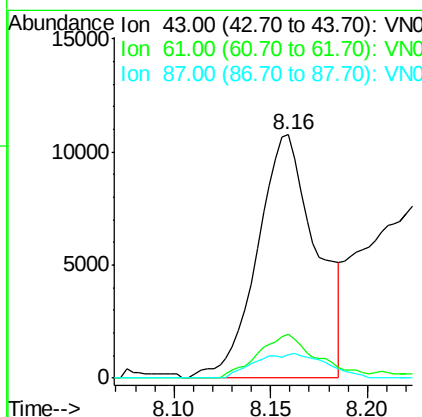
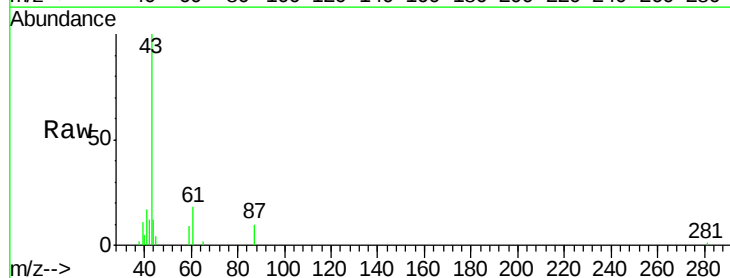
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-D4-(4)

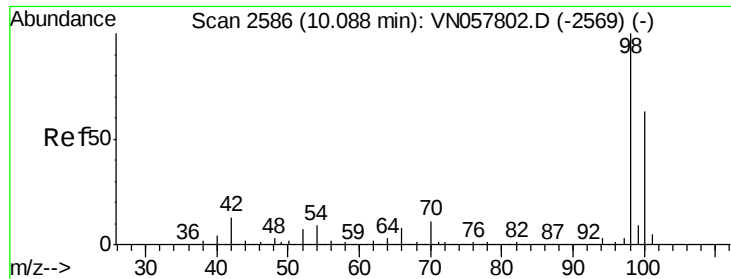
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.3	121.9
192	17.9	14.6	22.0



#43
 Isopropyl Acetate
 Concen: 2.492 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VN057969.D
 Acq: 12 Sep 2019 14:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	20.1	30.1#
87	12.3	9.5	14.3





#50

Toluene-d8

Concen: 50.087 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057969.D

Acq: 12 Sep 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

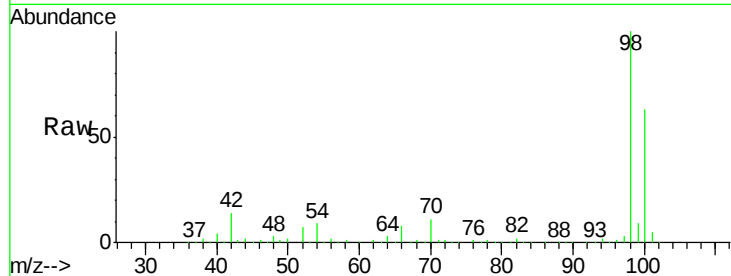
T11-D4-(4)

Tot Ion: 98 Resp: 811679

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

10.09

500000

400000

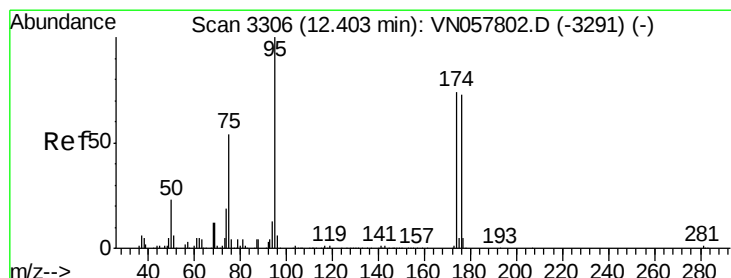
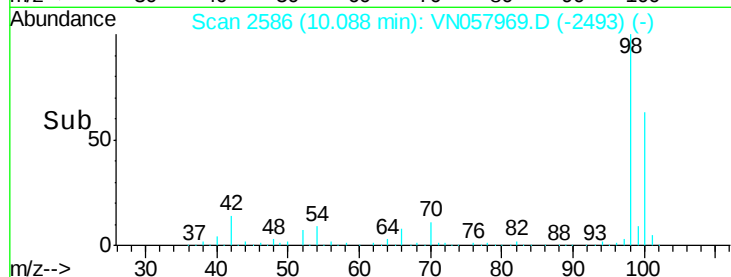
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.033 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057969.D

Acq: 12 Sep 2019 14:31

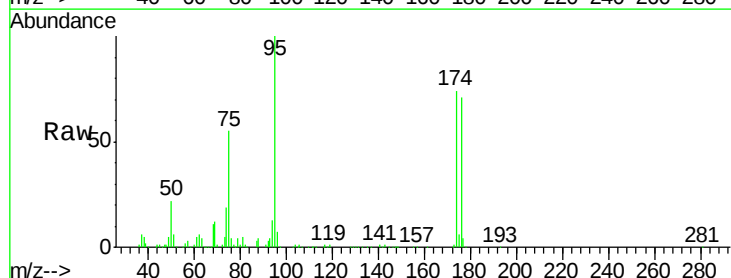
Tgt Ion: 95 Resp: 271935

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.2

176 72.4 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.41

200000

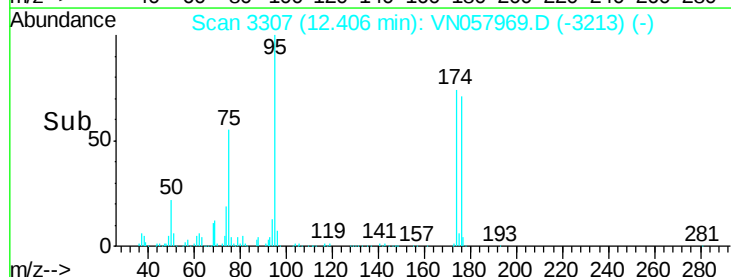
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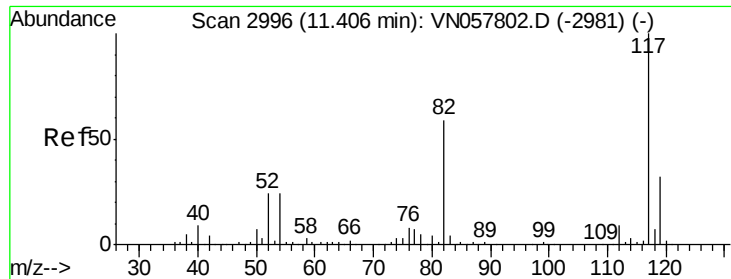
100000

50000

0

Time-->

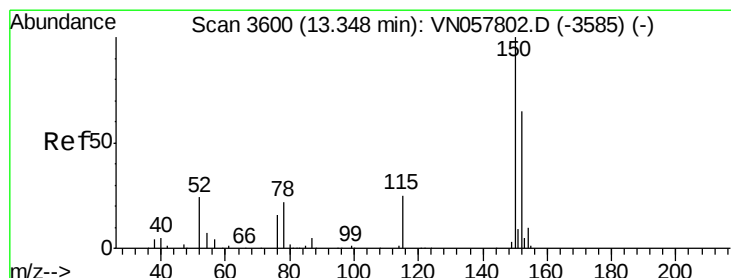
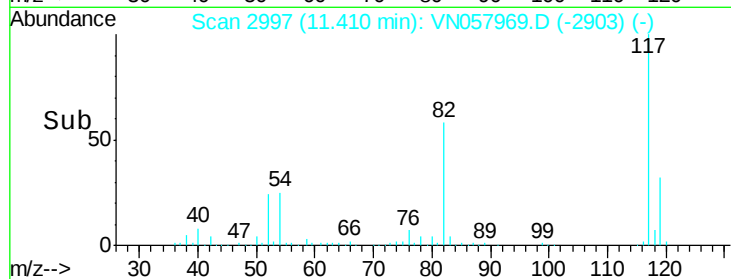
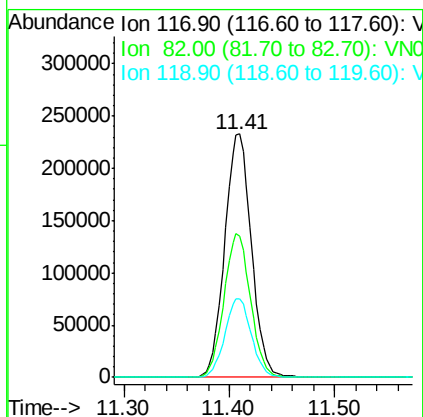
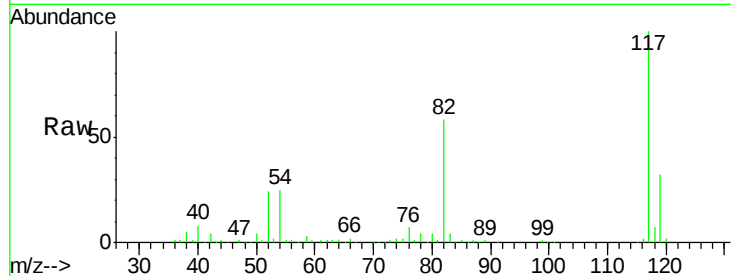




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057969.D
Acq: 12 Sep 2019 14:31

Instrument :
MSVOA_N
ClientSampleId :
T11-D4-(4)

Tot Ion:117 Resp: 406440
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057969.D
Acq: 12 Sep 2019 14:31

Tgt Ion:152 Resp: 204148
Ion Ratio Lower Upper
152 100
115 61.9 30.3 91.0
150 160.7 0.0 352.4

