

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053886.D
 Acq On : 21 Feb 2019 12:29
 Operator : JC/SP
 Sample : K1540-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M2-T2-OZ(PRE)

Quant Time: Feb 22 01:12:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	637779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1083099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1108311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393598	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	339899	52.15	ug/l	0.00
Spiked Amount						
			Recovery	=	104.30%	
35) Dibromofluoromethane	7.59	113	345285	48.58	ug/l	0.00
Spiked Amount						
			Recovery	=	97.16%	
50) Toluene-d8	10.09	98	1307311	50.92	ug/l	0.00
Spiked Amount						
			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	476582	56.23	ug/l	0.00
Spiked Amount						
			Recovery	=	112.46%	

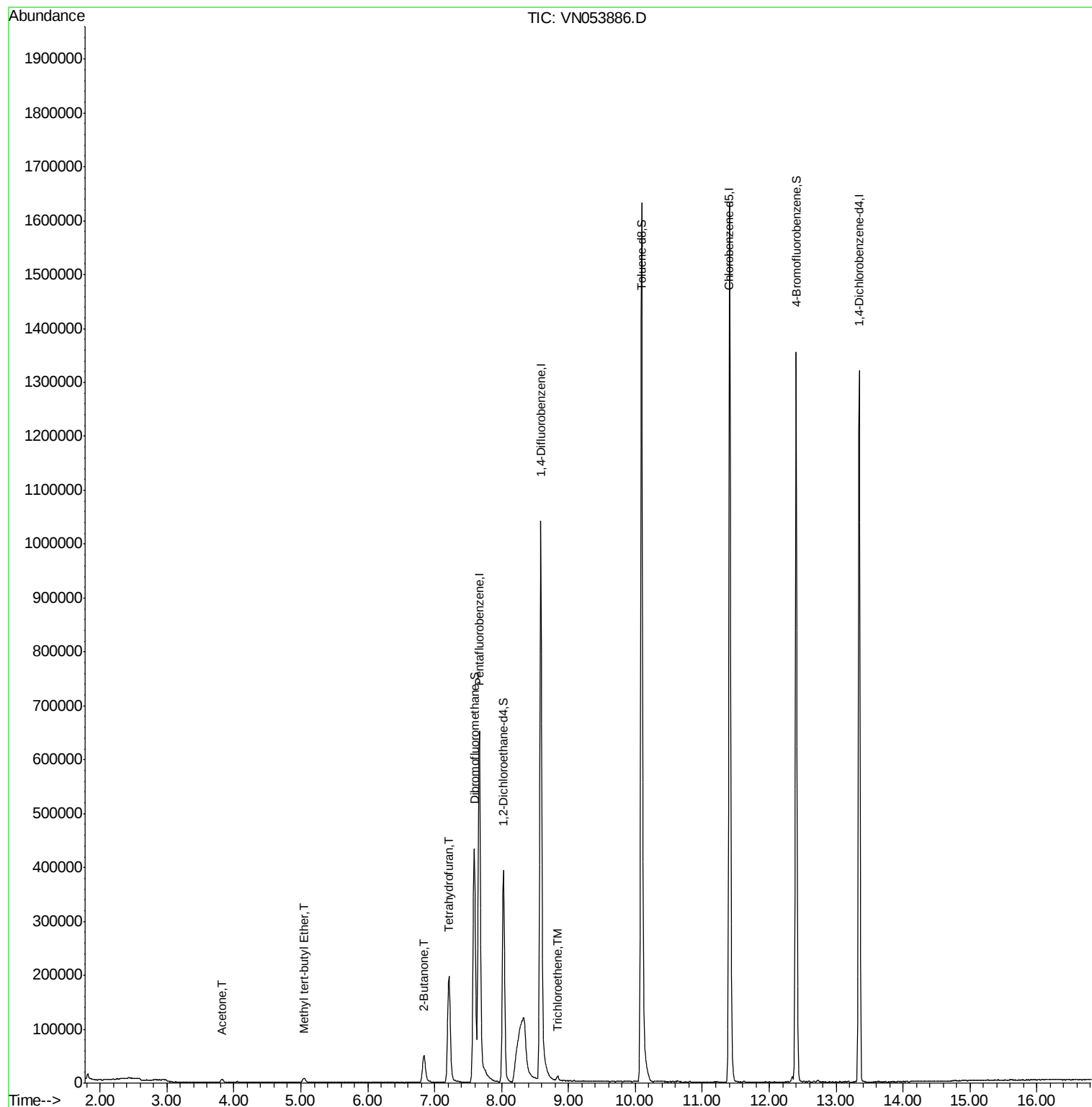
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	11985	6.686	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	14039	0.935	ug/l	100
25) 2-Butanone	6.84	43	99542	43.034	ug/l	99
29) Tetrahydrofuran	7.21	42	172496	115.310	ug/l	99
44) Trichloroethene	8.84	130	3722	0.453	ug/l	77

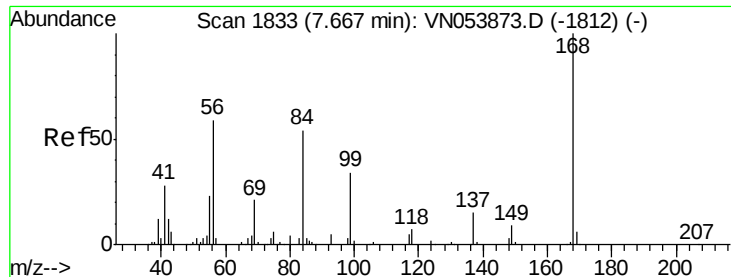
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053886.D

Acq: 21 Feb 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

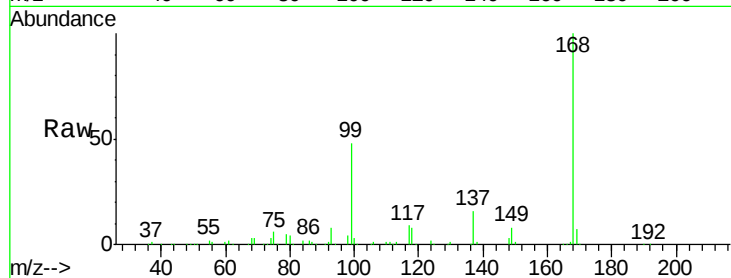
M2-T2-OZ(PRE)

Tot Ion:168 Resp: 637779

Ion Ratio Lower Upper

168 100

99 47.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

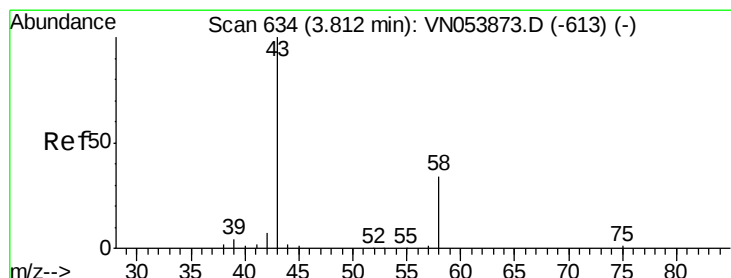
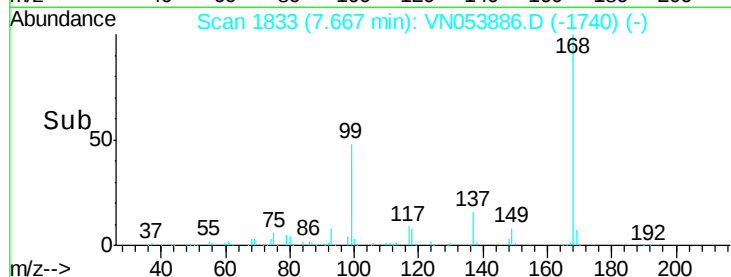
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.686 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053886.D

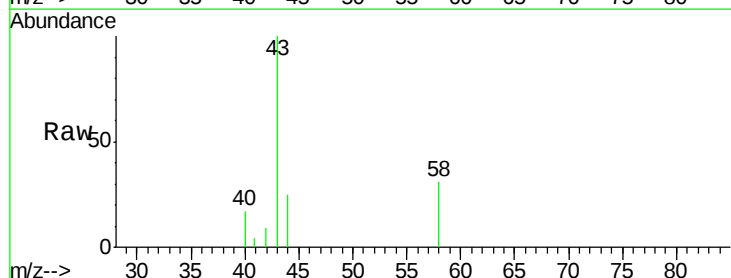
Acq: 21 Feb 2019 12:29

Tgt Ion: 43 Resp: 11985

Ion Ratio Lower Upper

43 100

58 31.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

4000

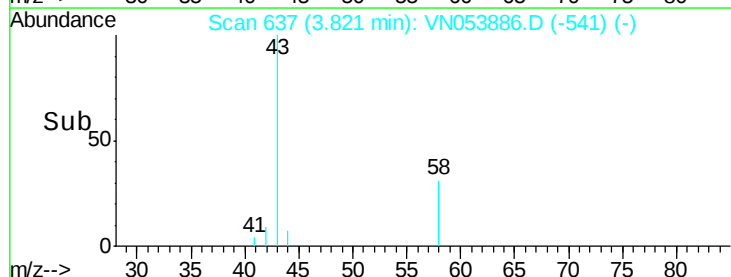
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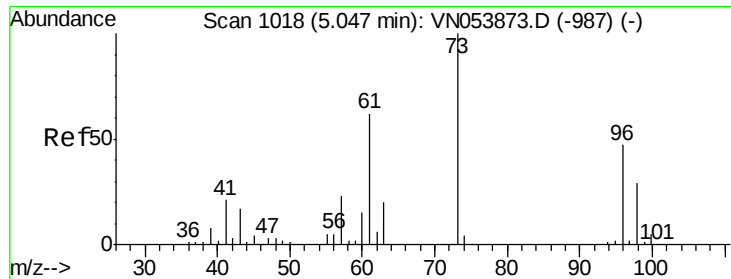
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1000

0

Time-->

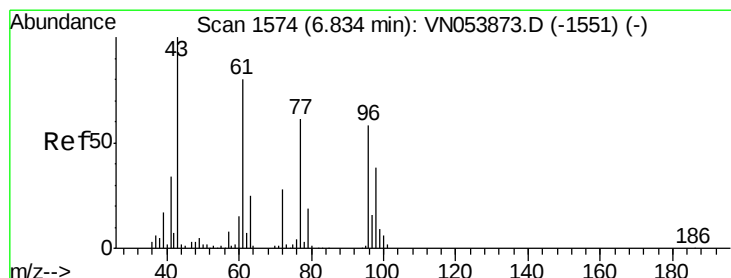
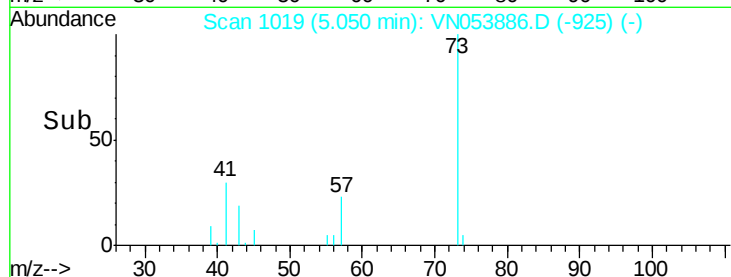
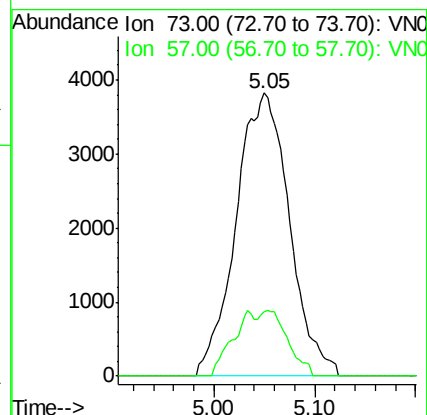
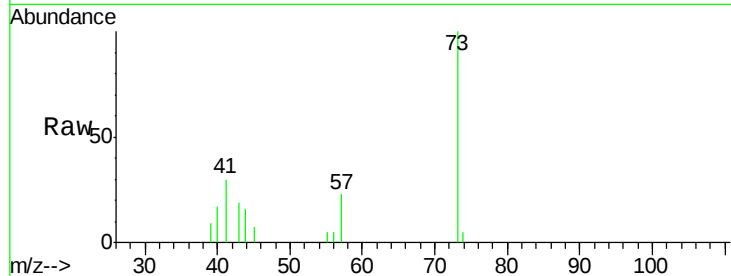




#19
Methvl tert-butvl Ether
Concen: 0.935 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

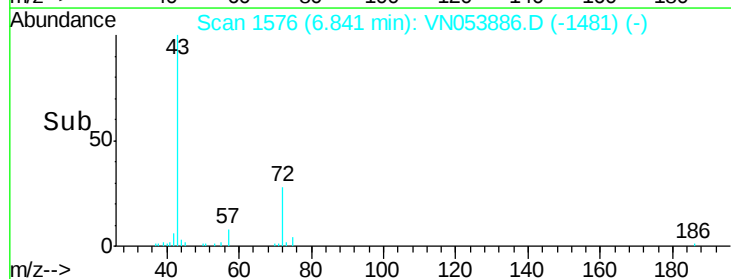
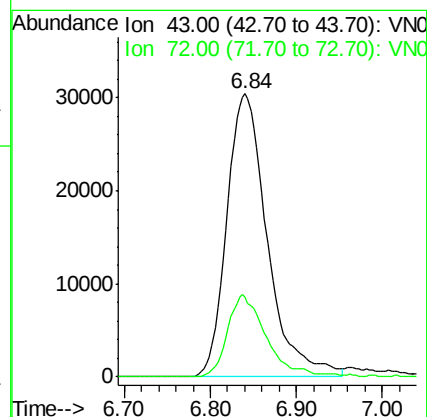
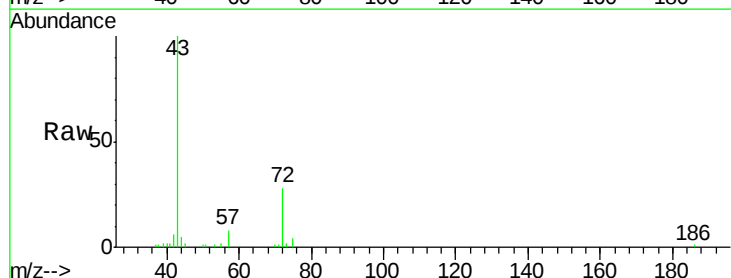
Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

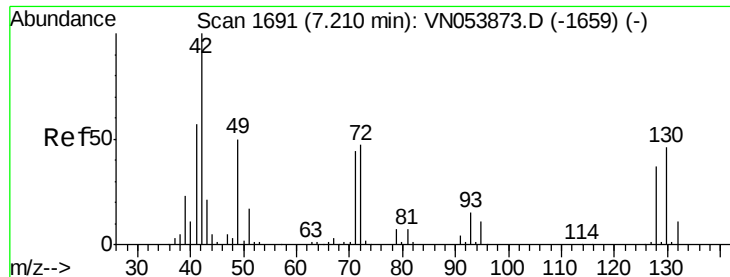
Tot Ion: 73 Resp: 14039
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#25
2-Butanone
Concen: 43.034 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion: 43 Resp: 99542
Ion Ratio Lower Upper
43 100
72 28.0 22.1 33.1

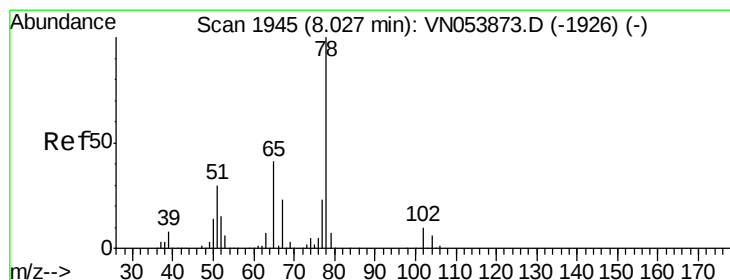
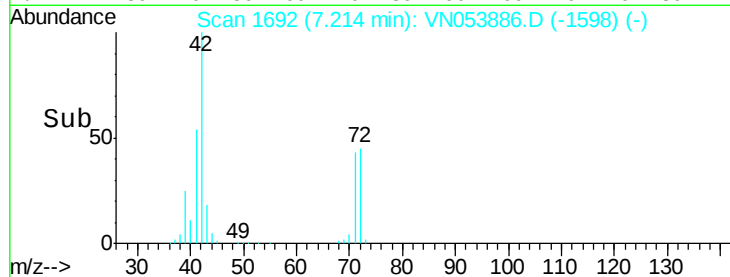
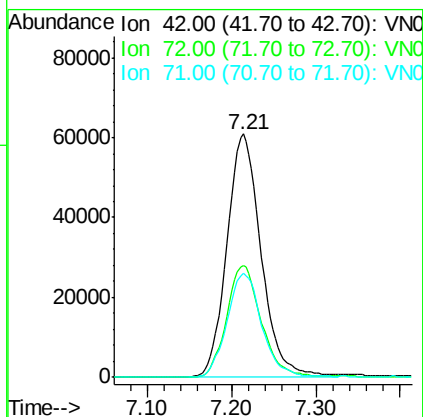
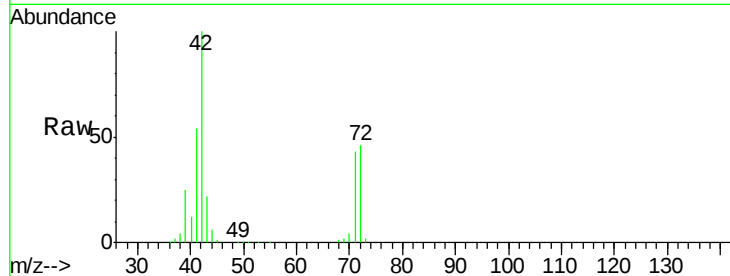




#29
Tetrahydrofuran
Concen: 115.310 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

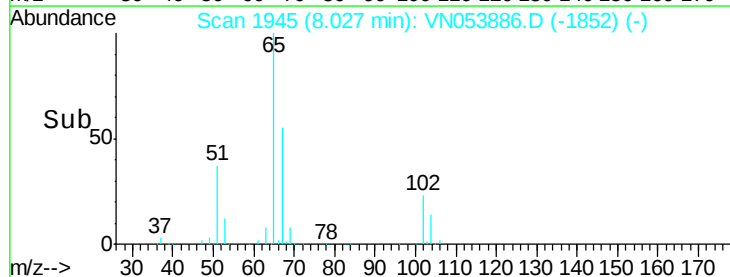
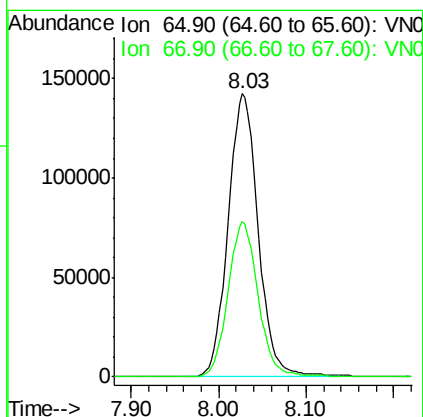
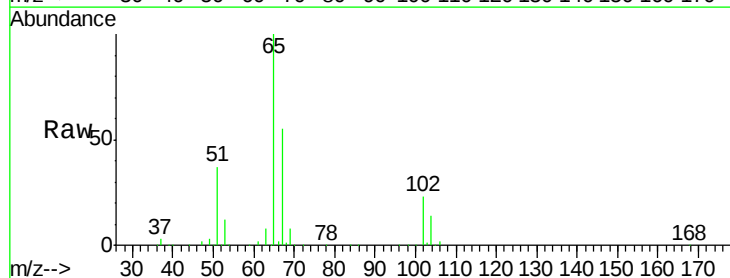
Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

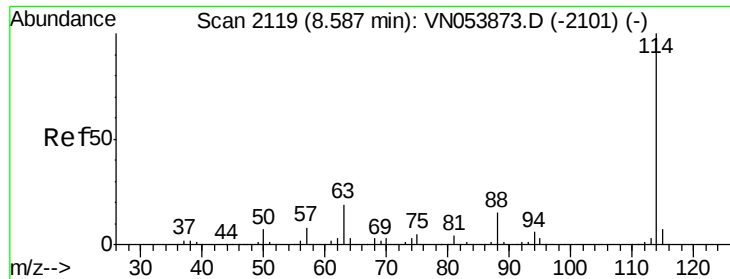
Tot Ion: 42 Resp: 172496
Ion Ratio Lower Upper
42 100
72 46.7 36.9 55.3
71 43.0 34.6 52.0



#33
1,2-Dichloroethane-d4
Concen: 52.148 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion: 65 Resp: 339899
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.8

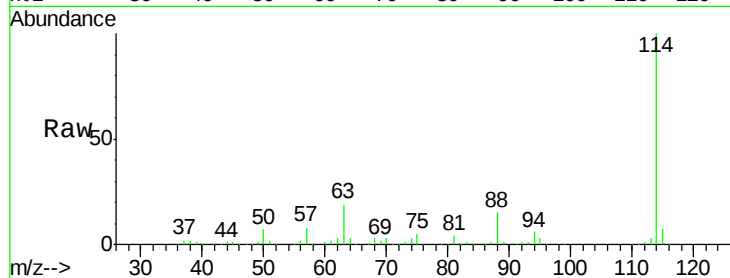




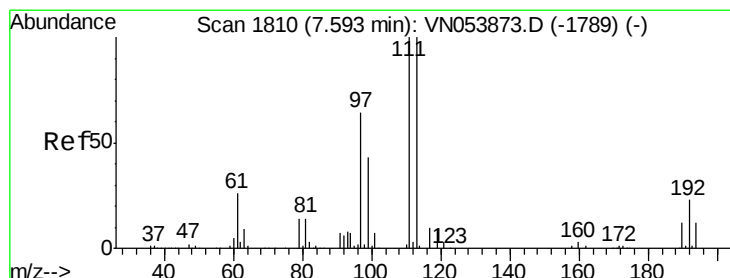
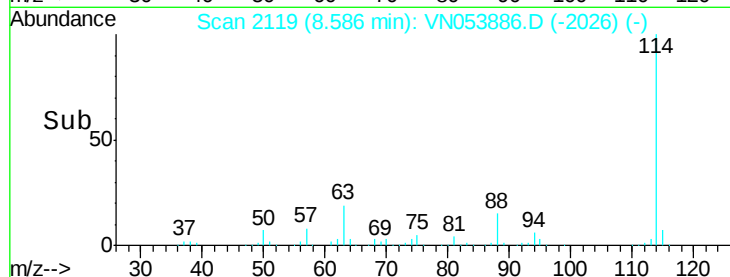
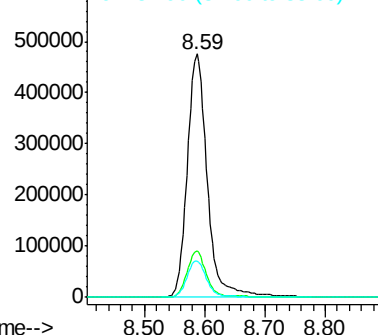
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

Tot Ion:114 Resp: 1083099
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 15.0 0.0 30.4

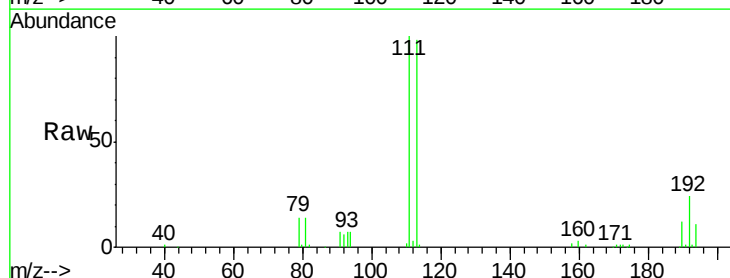


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

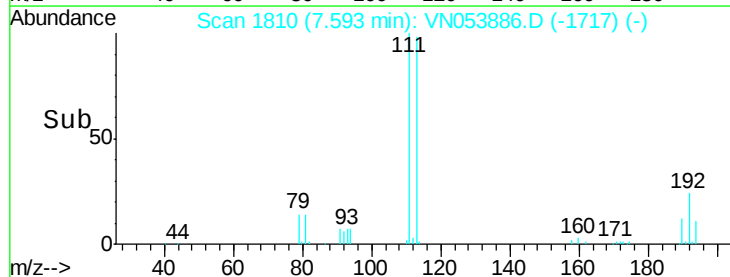
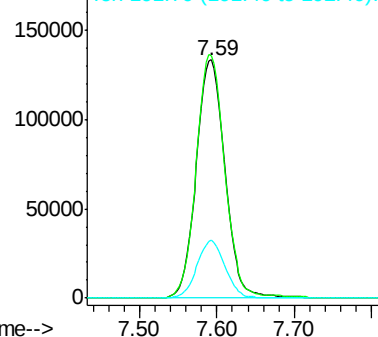


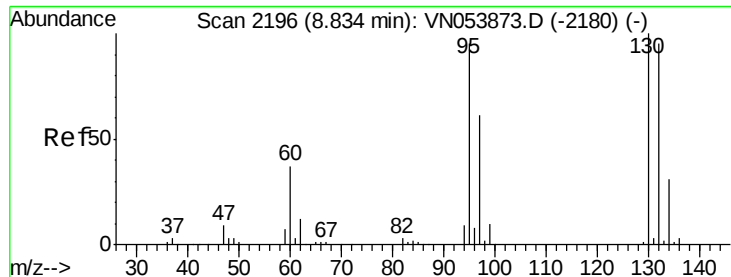
#35
Dibromofluoromethane
Concen: 48.576 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion:113 Resp: 345285
Ion Ratio Lower Upper
113 100
111 100.1 81.1 121.7
192 23.6 18.8 28.2



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





#44

Trichloroethene

Concen: 0.453 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053886.D

Acq: 21 Feb 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

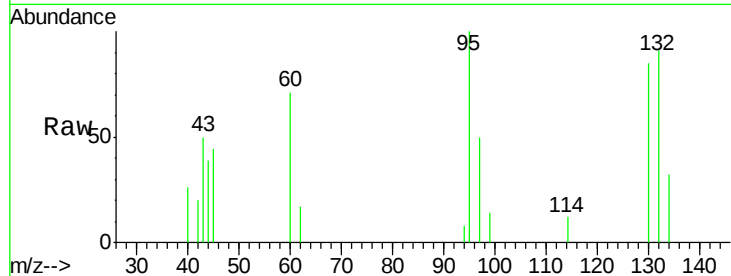
M2-T2-OZ(PRE)

Tot Ion:130 Resp: 3722

Ion Ratio Lower Upper

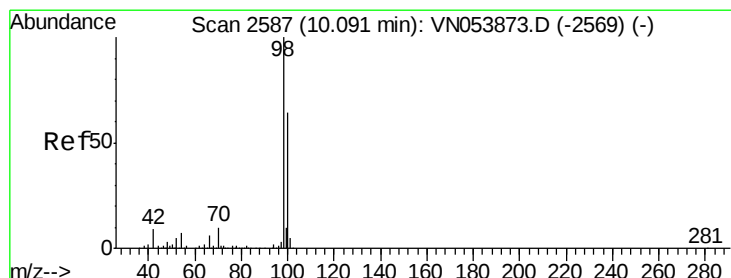
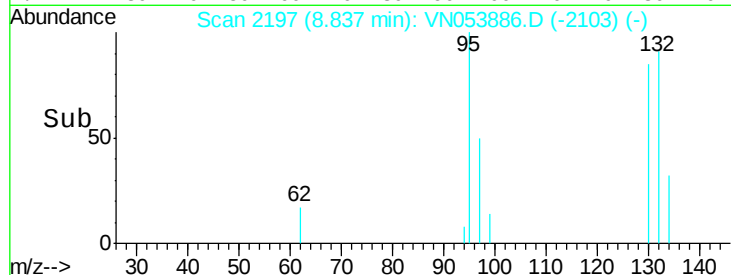
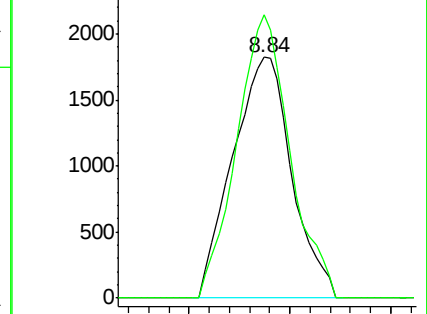
130 100

95 117.6 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 50.922 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053886.D

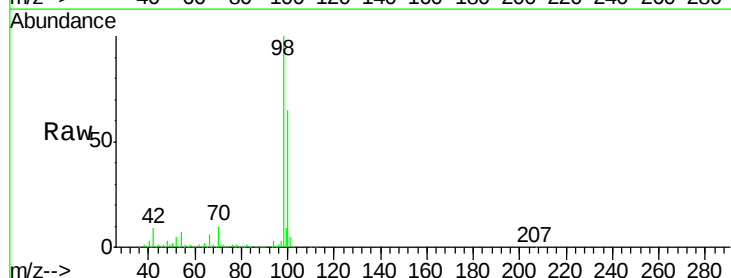
Acq: 21 Feb 2019 12:29

Tgt Ion: 98 Resp: 1307311

Ion Ratio Lower Upper

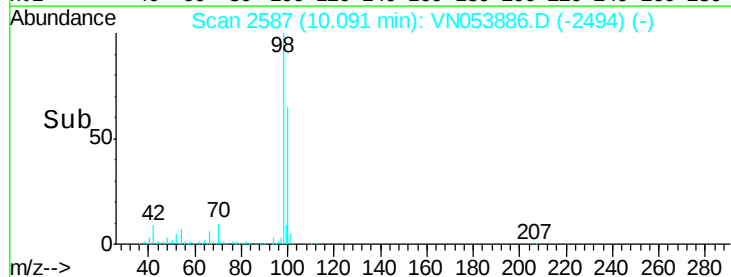
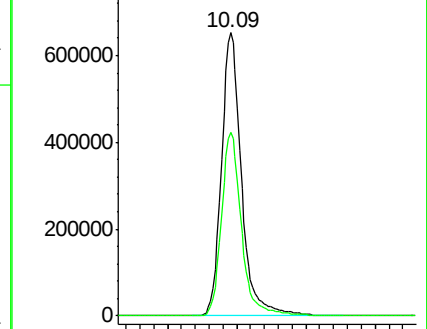
98 100

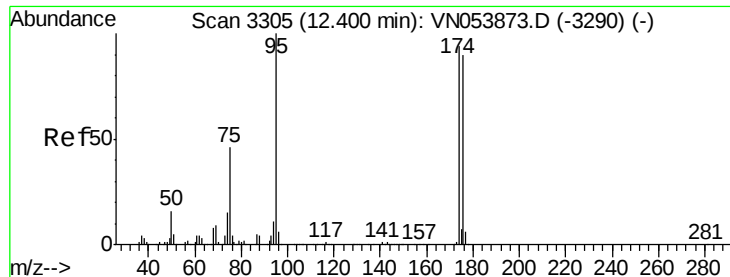
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 56.229 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053886.D

Acq: 21 Feb 2019 12:29

Instrument :

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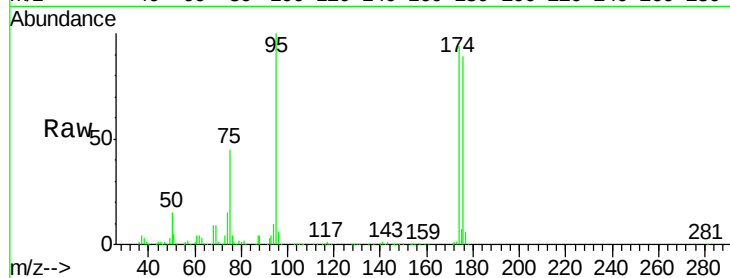
Tot Ion: 95 Resp: 476582

Ion Ratio Lower Upper

95 100

174 94.6 0.0 188.8

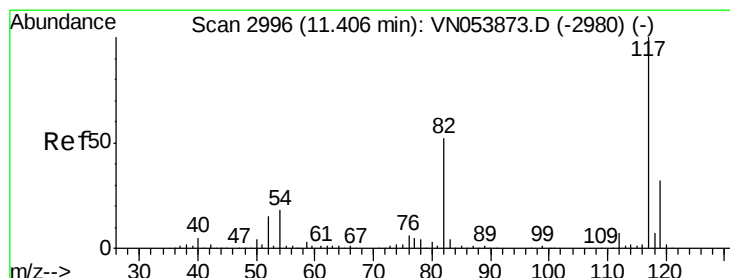
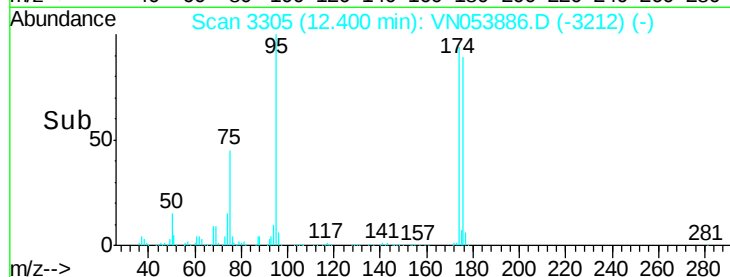
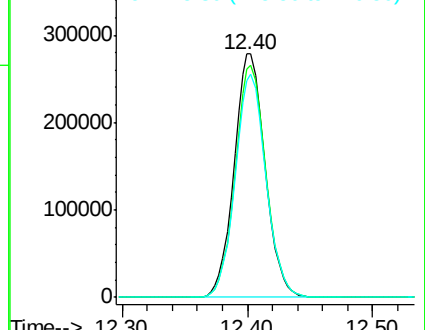
176 90.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053886.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053886.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053886.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053886.D

Acq: 21 Feb 2019 12:29

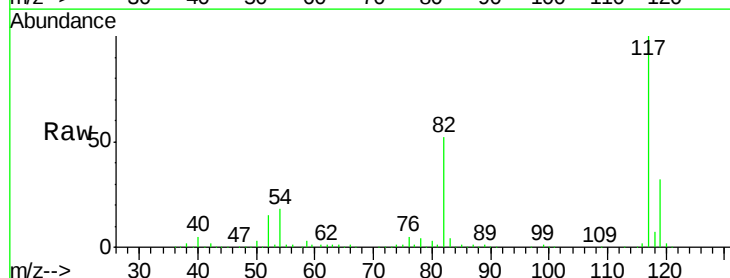
Tgt Ion: 117 Resp: 1108311

Ion Ratio Lower Upper

117 100

82 51.8 41.4 62.2

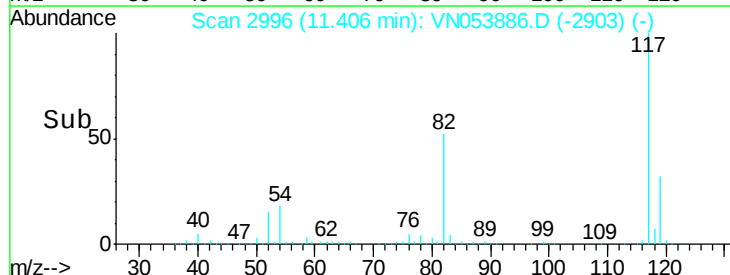
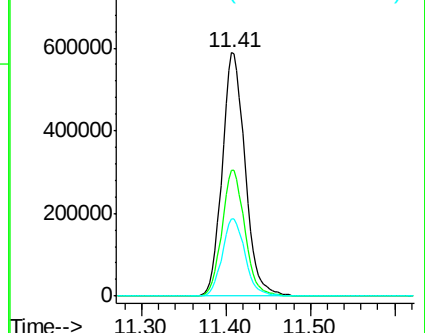
119 31.6 25.3 37.9

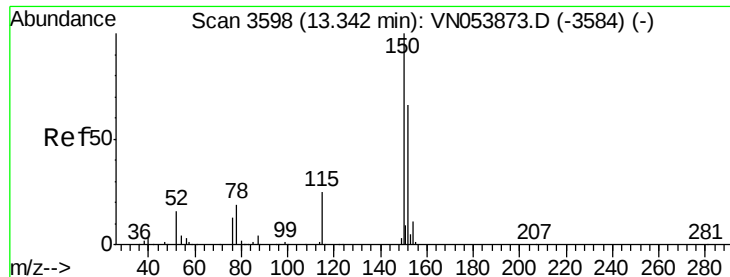


Abundance Ion 116.90 (116.60 to 117.60): VN053886.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053886.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053886.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053886.D

Acq: 21 Feb 2019 12:29

Instrument :

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ClientSampleId :

M2-T2-OZ(PRE)

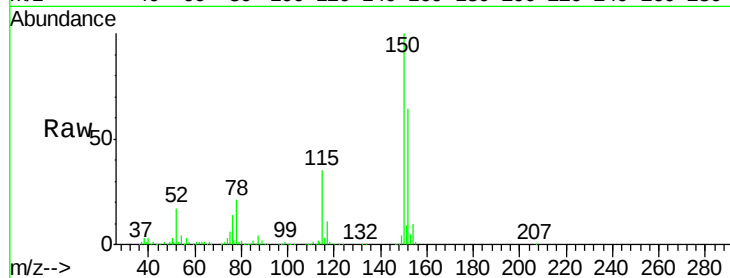
Tot Ion:152 Resp: 393598

Ion Ratio Lower Upper

152 100

115 54.8 27.2 81.6

150 156.4 0.0 348.2



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

