

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053896.D
 Acq On : 21 Feb 2019 16:57
 Operator : JC/SP
 Sample : K1538-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-11-A-S

Quant Time: Feb 22 02:24:13 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

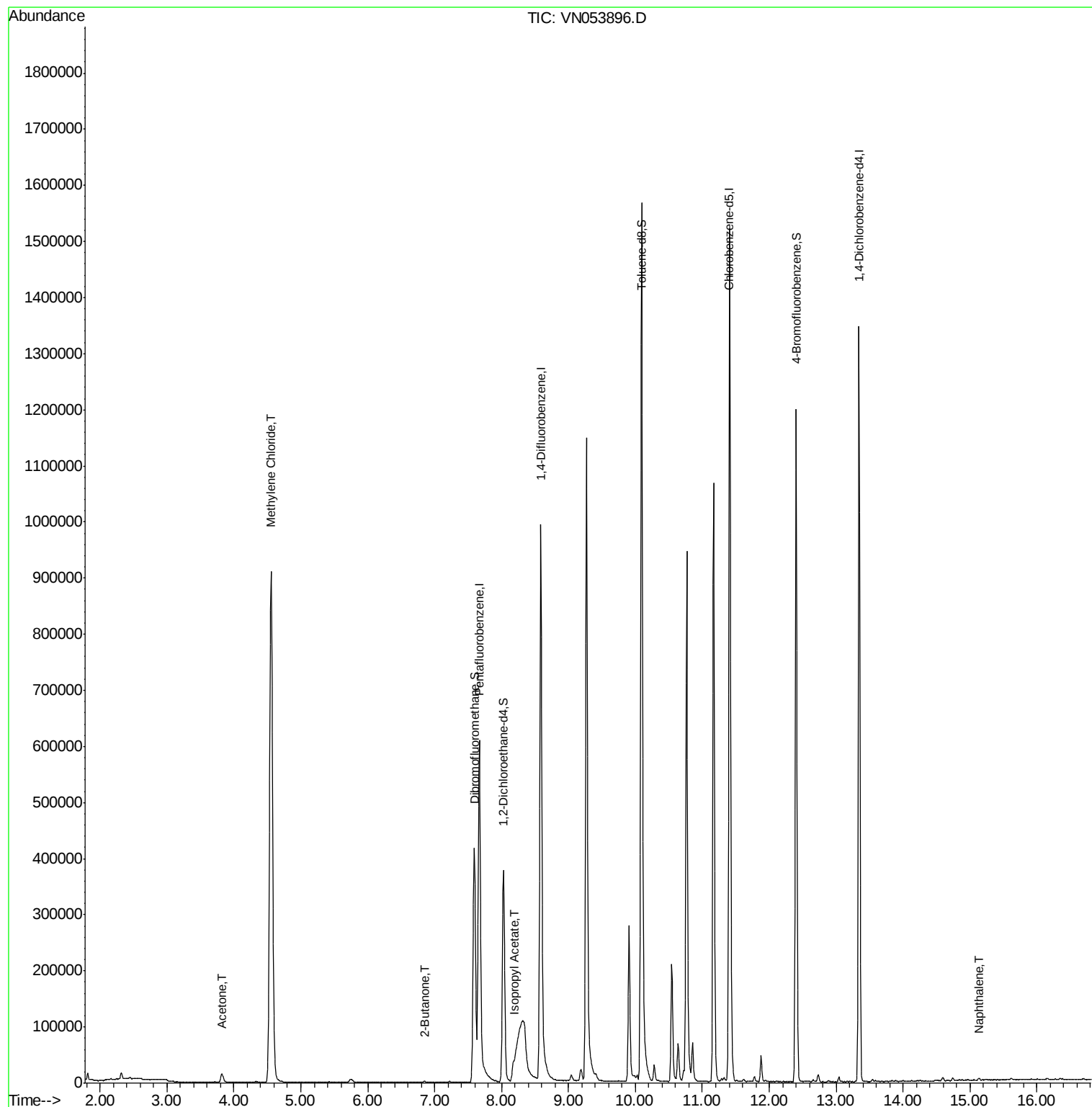
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1045367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1023233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	390026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	330914	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.59	113	333037	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	10.09	98	1273483	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	424057	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						
16) Acetone	3.82	43	26487	15.282	ug/l	97
20) Methylene Chloride	4.56	84	742867	114.484	ug/l	99
25) 2-Butanone	6.84	43	4874	2.179	ug/l	90
43) Isopropyl Acetate	8.18	43	31594	3.091	ug/l #	89
95) Naphthalene	15.13	128	3582	4.822	ug/l #	93

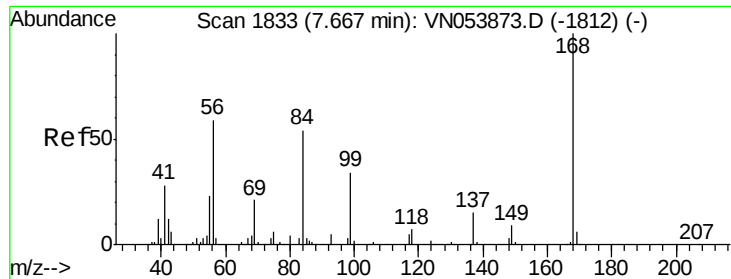
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053896.D
Acq On : 21 Feb 2019 16:57
Operator : JC/SP
Sample : K1538-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
M-11-A-S

Quant Time: Feb 22 02:24:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053896.D

Acq: 21 Feb 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

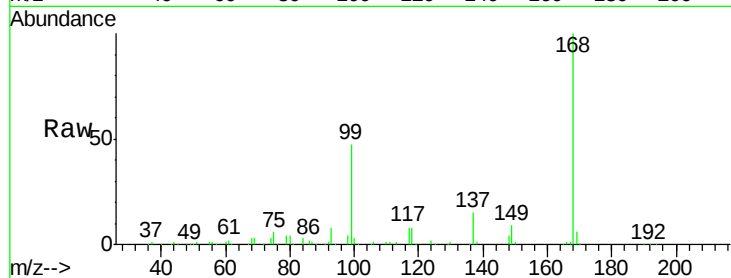
M-11-A-S

Tot Ion:168 Resp: 616655

Ion Ratio Lower Upper

168 100

99 46.8 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

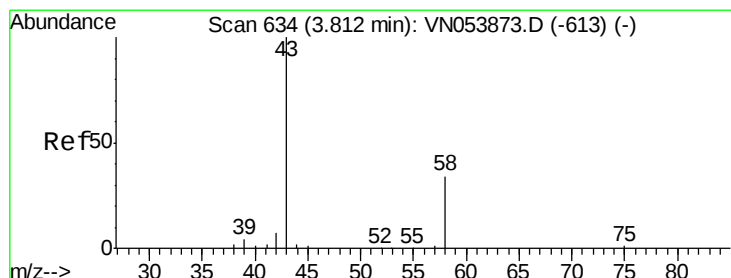
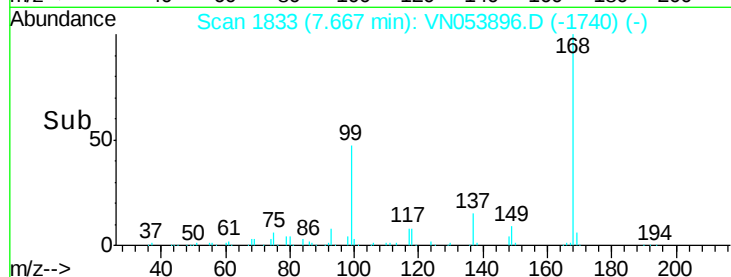
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 15.282 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053896.D

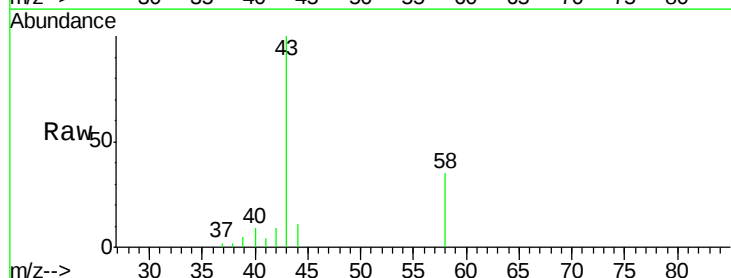
Acq: 21 Feb 2019 16:57

Tgt Ion: 43 Resp: 26487

Ion Ratio Lower Upper

43 100

58 36.0 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

10000

8000

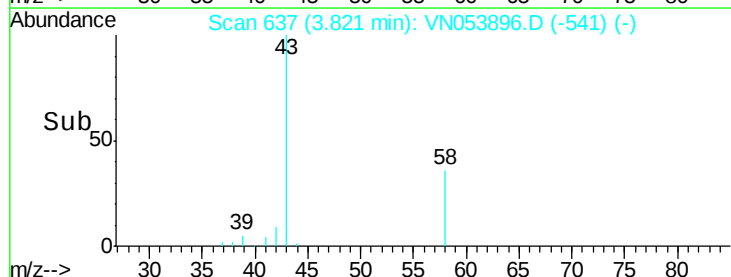
6000

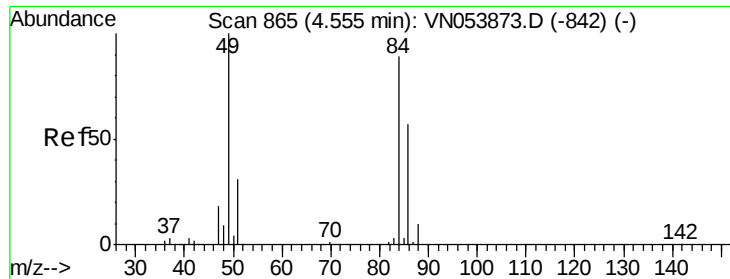
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

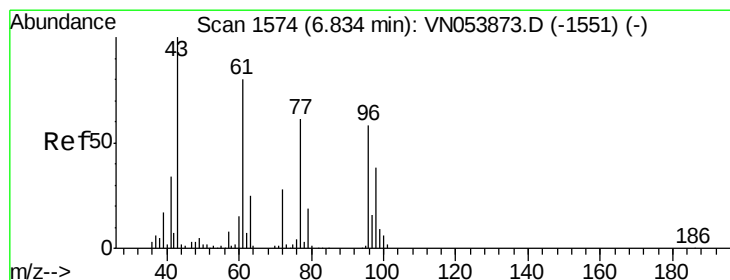
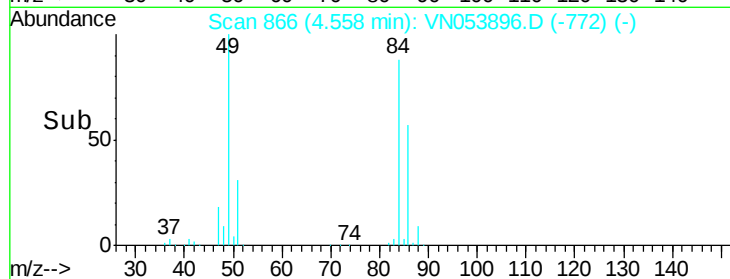
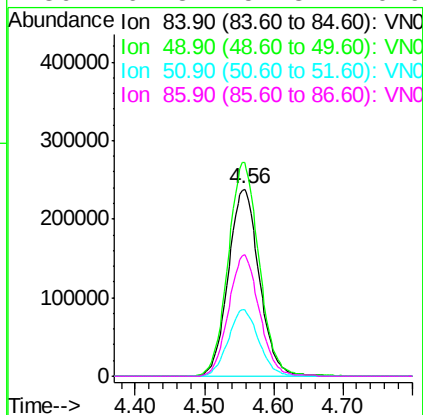
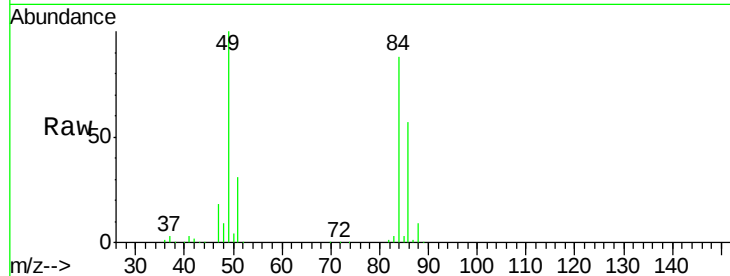




#20
Methvlene Chloride
Concen: 114.484 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053896.D
Acq: 21 Feb 2019 16:57

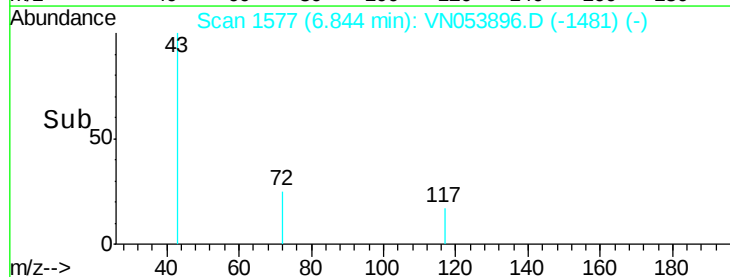
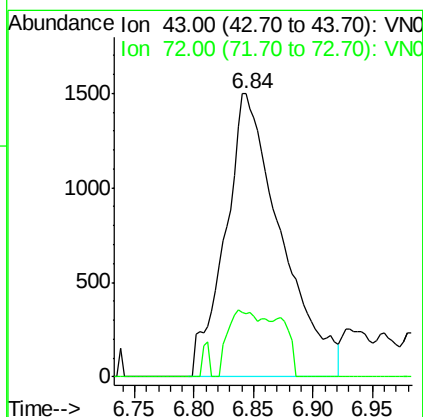
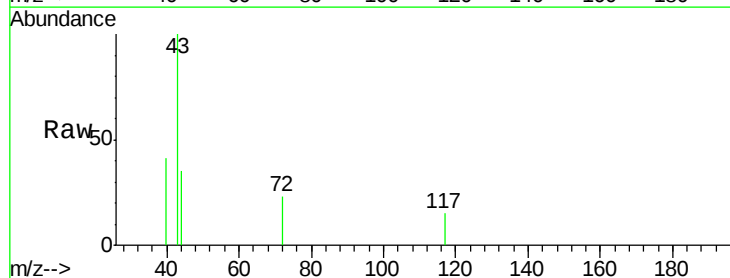
Instrument :
MSVOA_N
ClientSampleId :
M-11-A-S

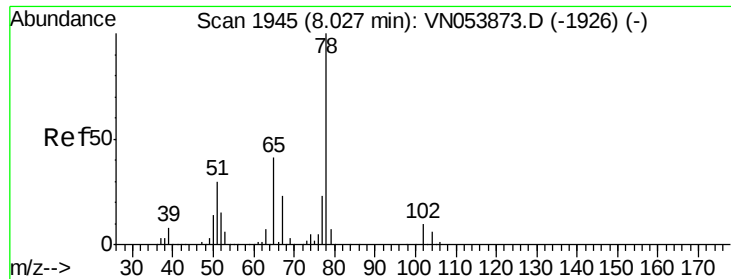
Tot Ion:	84	Resp:	742867
Ion	Ratio	Lower	Upper
84	100		
49	114.0	89.7	134.5
51	35.5	27.8	41.8
86	64.8	51.3	76.9



#25
2-Butanone
Concen: 2.179 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053896.D
Acq: 21 Feb 2019 16:57

Tgt Ion:	43	Resp:	4874
Ion	Ratio	Lower	Upper
43	100		
72	22.5	22.1	33.1

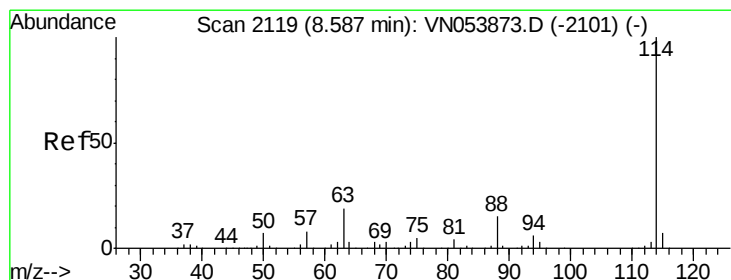
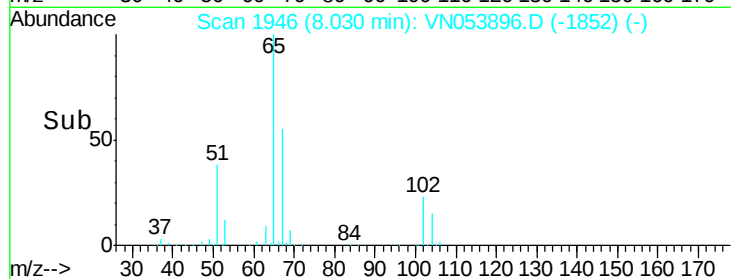
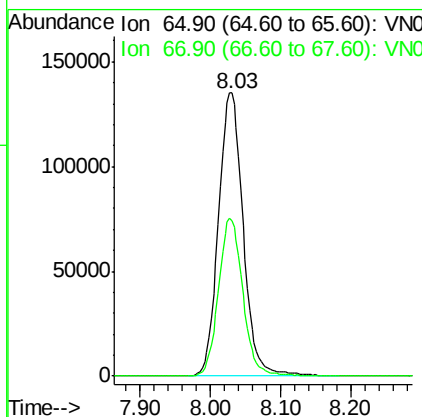
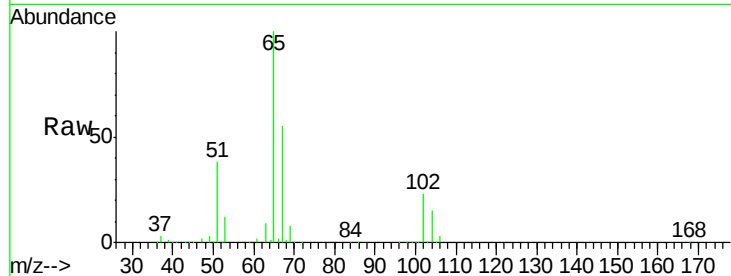




#33
 1,2-Dichloroethane-d4
 Concen: 52.508 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053896.D
 Acq: 21 Feb 2019 16:57

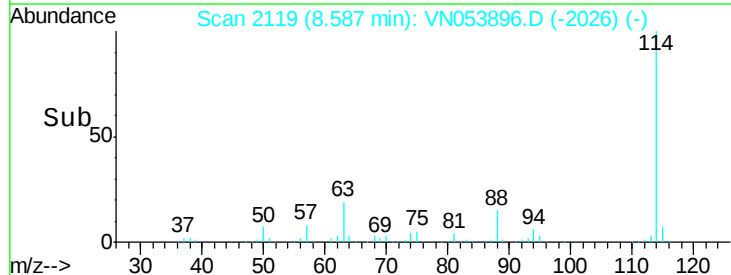
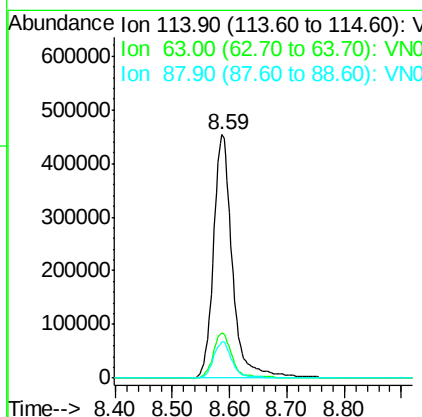
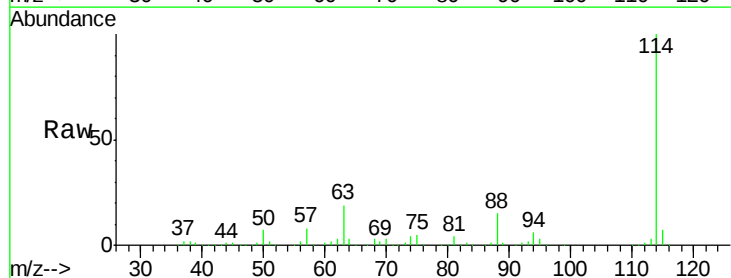
Instrument :
 MSVOA_N
 ClientSampled :
 M-11-A-S

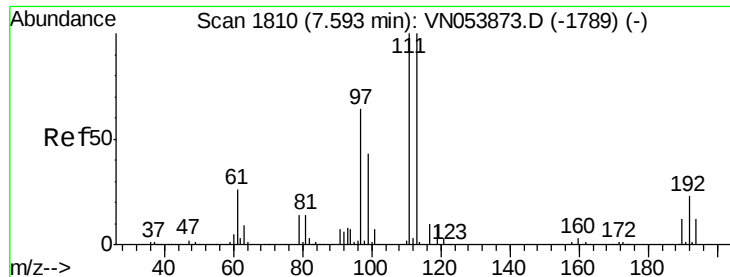
Tot Ion: 65 Resp: 330914
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053896.D
 Acq: 21 Feb 2019 16:57

Tgt Ion: 114 Resp: 1045367
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.4
 88 14.7 0.0 30.4

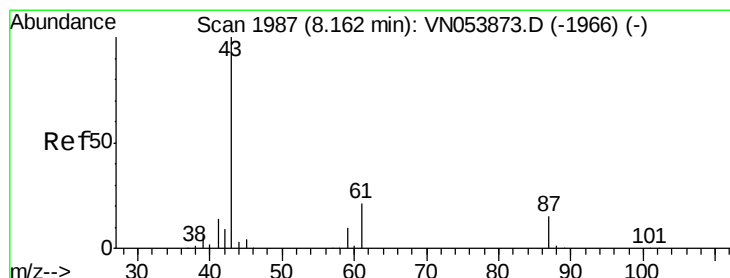
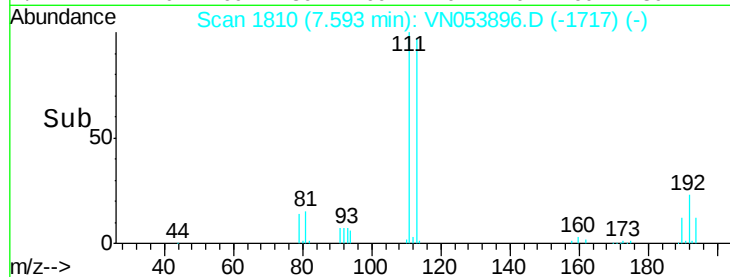
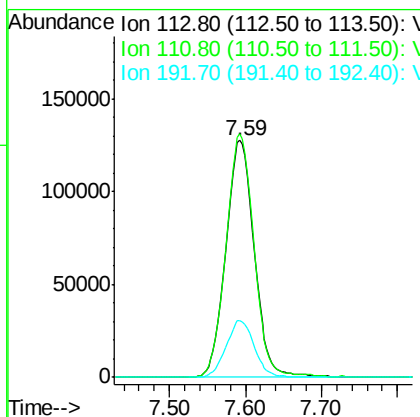
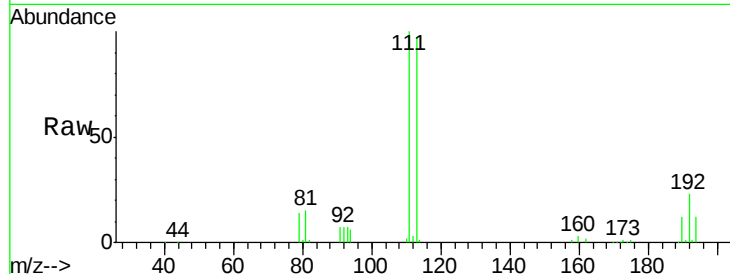




#35
 Dibromofluoromethane
 Concen: 48.544 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN053896.D
 Acq: 21 Feb 2019 16:57

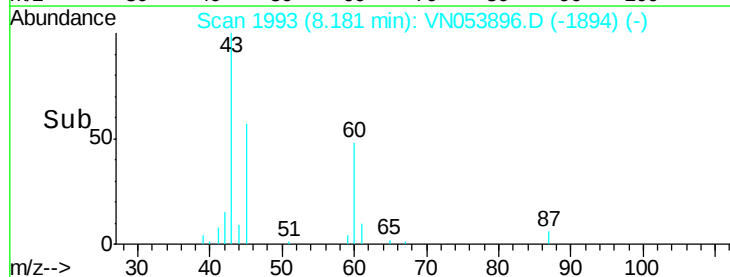
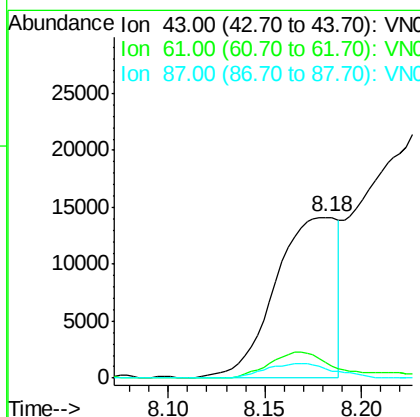
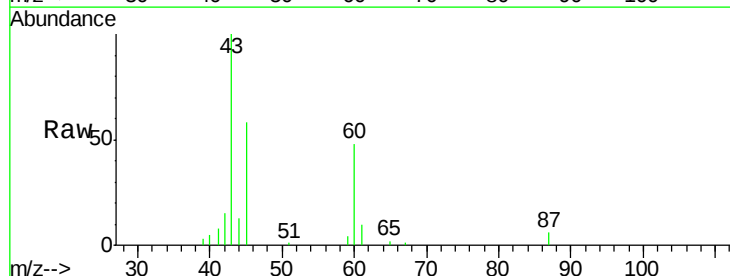
Instrument :
 MSVOA_N
 ClientSampleId :
 M-11-A-S

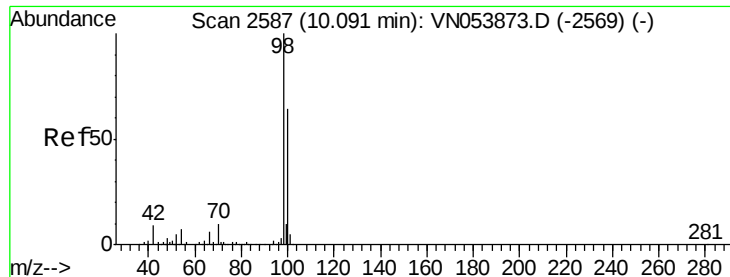
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.1	121.7
192	23.7	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 3.091 ug/l
 RT: 8.18 min Scan# 1993
 Delta R.T. 0.02 min
 Lab File: VN053896.D
 Acq: 21 Feb 2019 16:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.6	17.4	26.0#
87	9.9	11.5	17.3#





#50

Toluene-d8

Concen: 51.394 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053896.D

Acq: 21 Feb 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

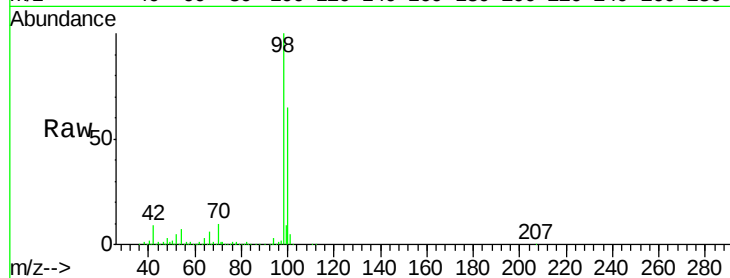
M-11-A-S

Tot Ion: 98 Resp: 1273483

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053873.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053873.D (-2569) (-)

10.09

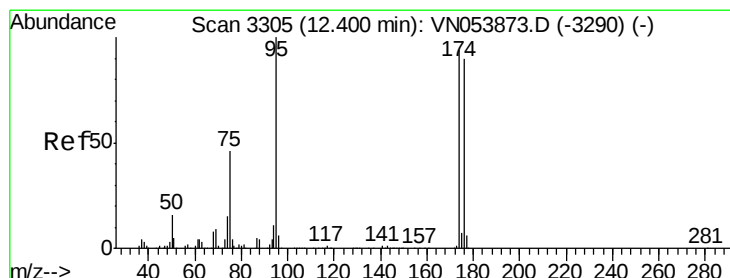
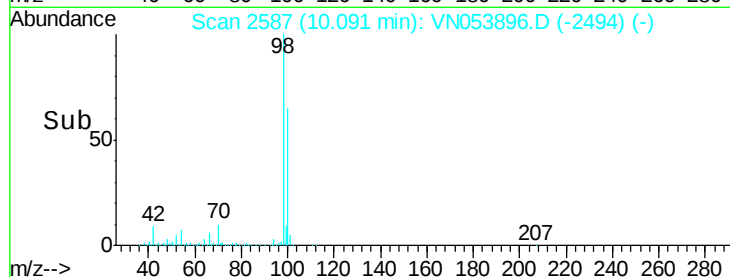
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.838 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053896.D

Acq: 21 Feb 2019 16:57

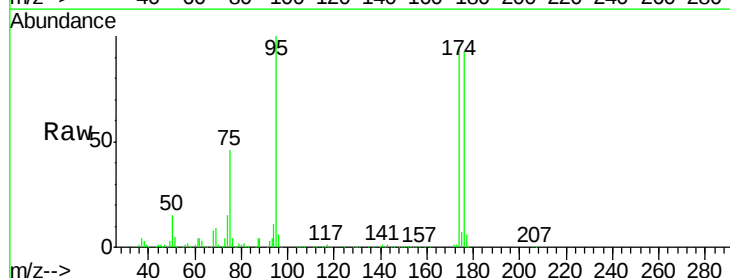
Tgt Ion: 95 Resp: 424057

Ion Ratio Lower Upper

95 100

174 94.9 0.0 188.8

176 92.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)

12.40

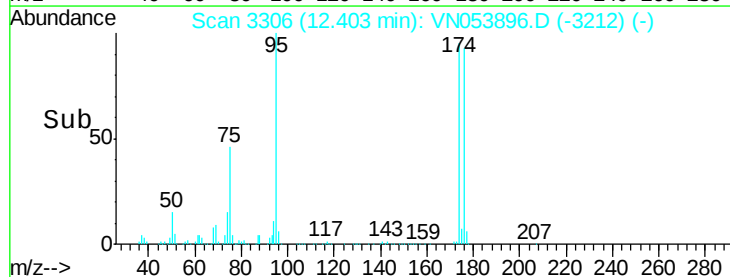
300000

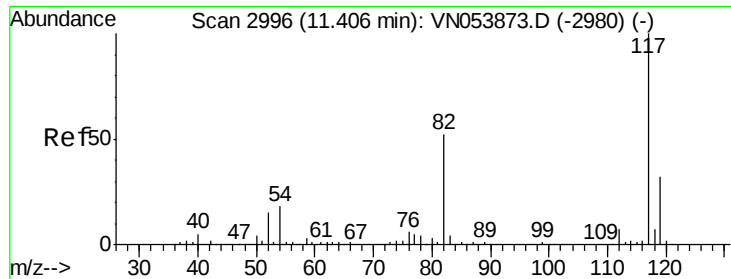
200000

100000

0

Time-->

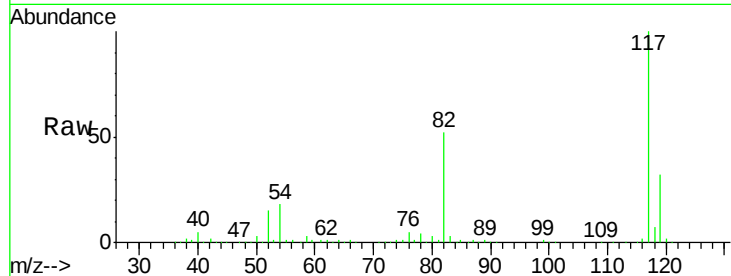




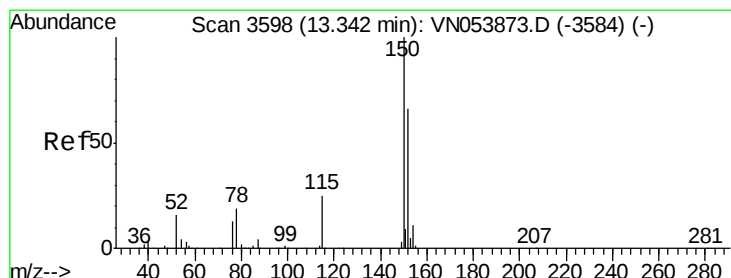
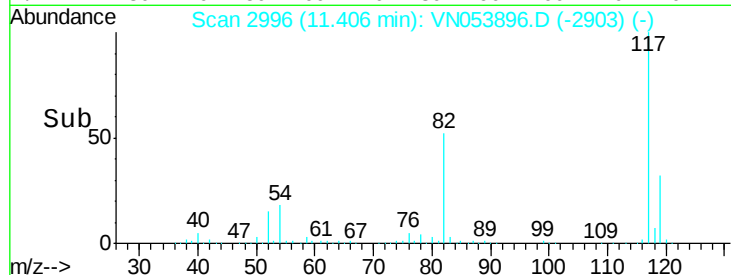
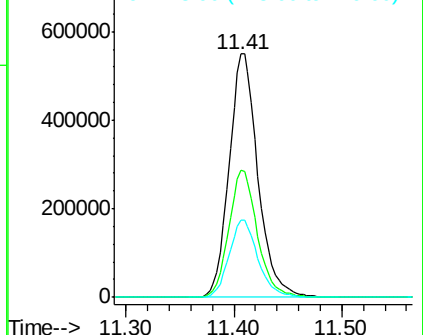
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053896.D
Acq: 21 Feb 2019 16:57

Instrument :
MSVOA_N
ClientSampled :
M-11-A-S

Tot Ion:117 Resp: 1023233
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.2
119 31.7 25.3 37.9

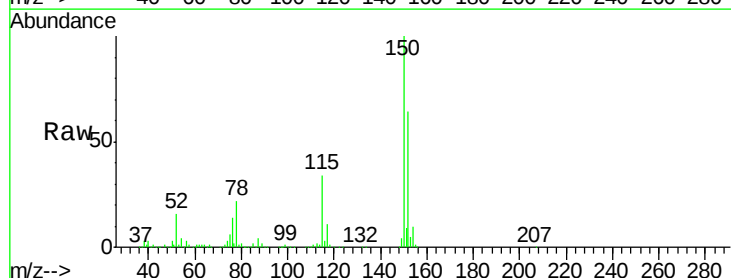


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

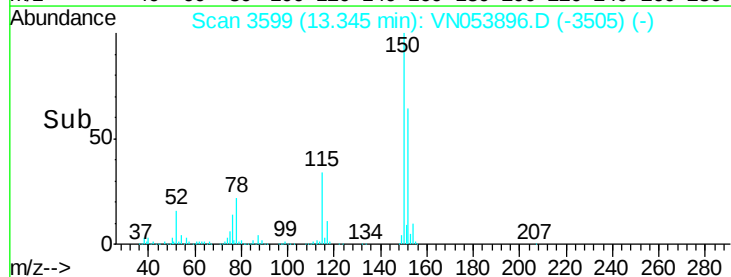
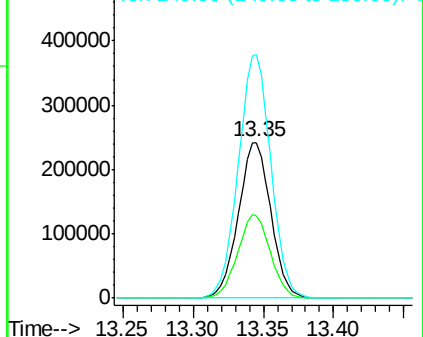


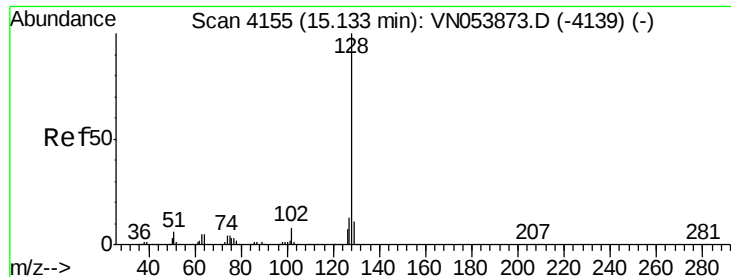
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053896.D
Acq: 21 Feb 2019 16:57

Tgt Ion:152 Resp: 390026
Ion Ratio Lower Upper
152 100
115 54.0 27.2 81.6
150 157.4 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





#95

Naphthalene

Concen: 4.822 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053896.D

Acq: 21 Feb 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

M-11-A-S

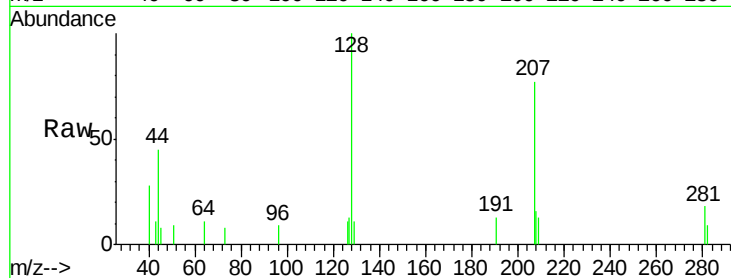
Tot Ion:128 Resp: 3582

Ion Ratio Lower Upper

128 100

127 8.5 10.2 15.2#

129 12.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

