

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
 Data File : VN053515.D
 Acq On : 22 Jan 2019 13:23
 Operator : JC/SP
 Sample : K1212-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 FML-124

Quant Time: Jan 23 03:45:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	878783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1359347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1257938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	525321	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	433724	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
35) Dibromofluoromethane	7.59	113	407463	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	10.09	98	1687472	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	561103	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	

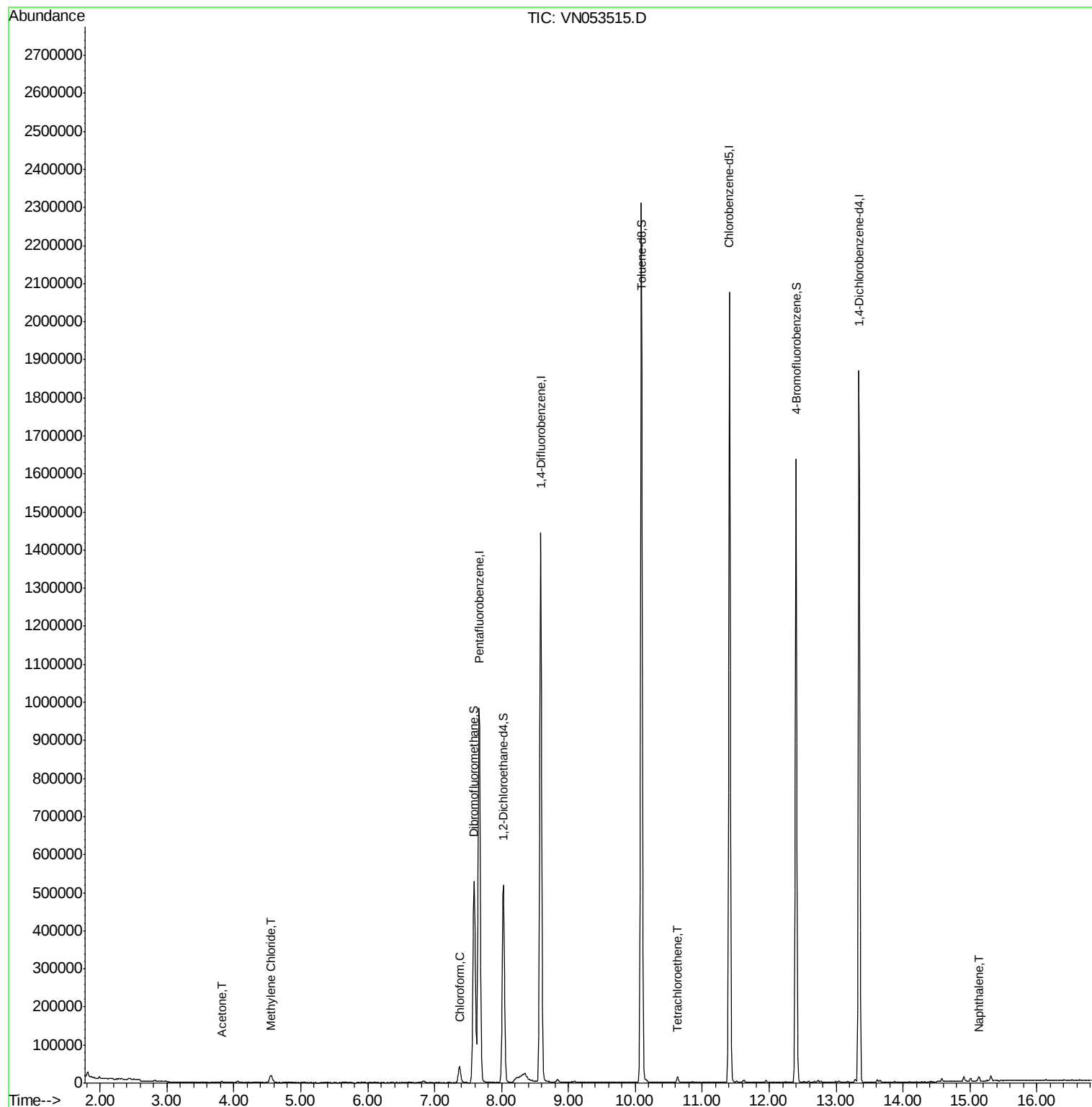
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	6474	3.177	ug/l	99
20) Methylene Chloride	4.55	84	14705	1.581	ug/l	95
30) Chloroform	7.37	83	46646	3.053	ug/l	99
64) Tetrachloroethene	10.63	164	3637	0.307	ug/l	85
95) Naphthalene	15.13	128	10645	4.711	ug/l	97

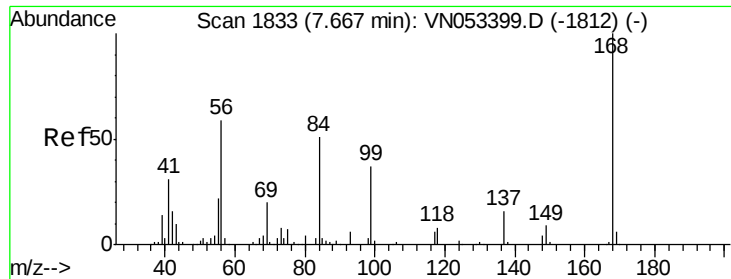
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012219\
Data File : VN053515.D
Acq On : 22 Jan 2019 13:23
Operator : JC/SP
Sample : K1212-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
FML-124

Quant Time: Jan 23 03:45:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053515.D

Acq: 22 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

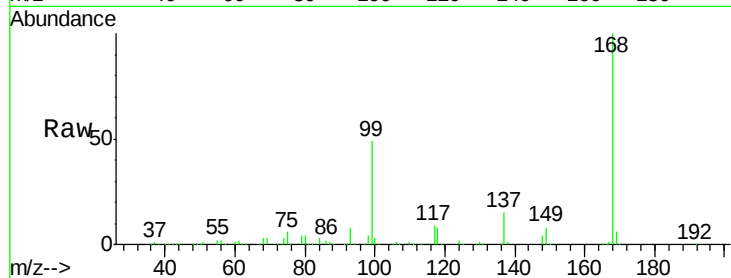
FML-124

Tot Ion:168 Resp: 878783

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

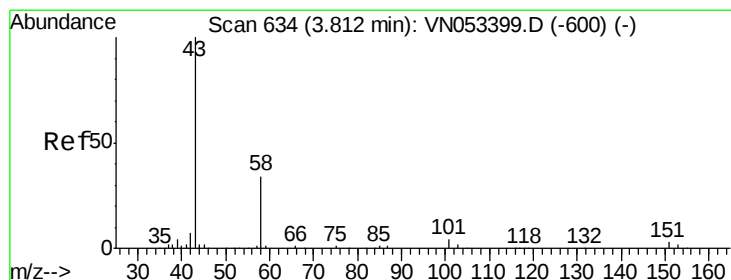
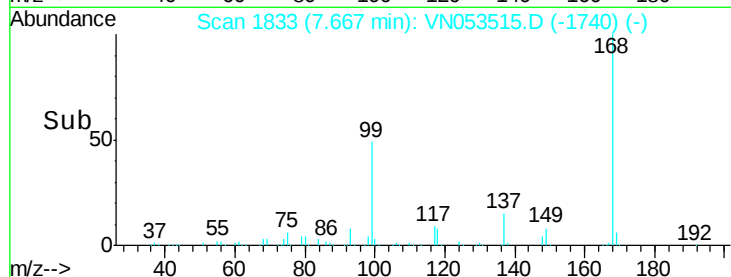
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.177 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053515.D

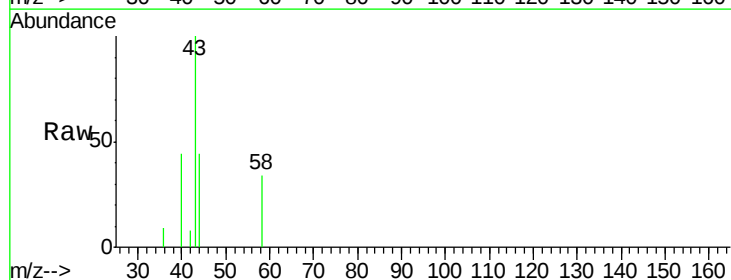
Acq: 22 Jan 2019 13:23

Tgt Ion: 43 Resp: 6474

Ion Ratio Lower Upper

43 100

58 33.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

2000

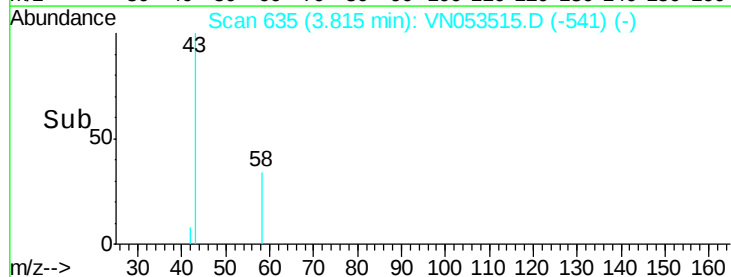
1500

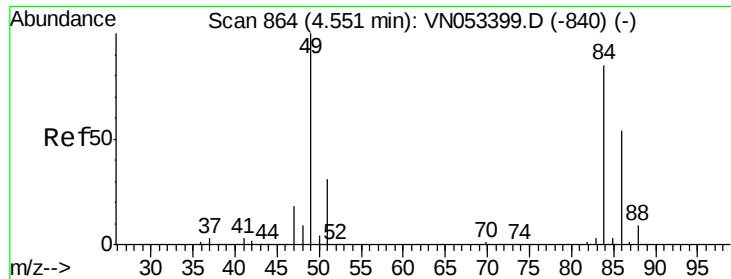
1000

500

0

Time-->

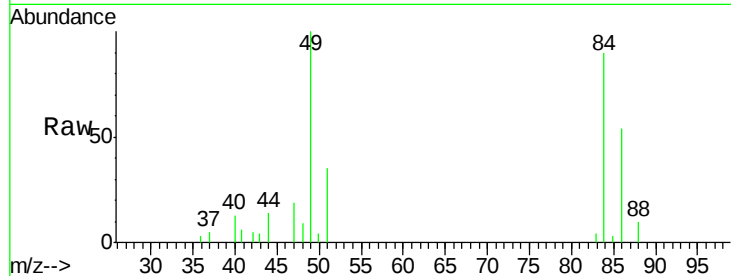




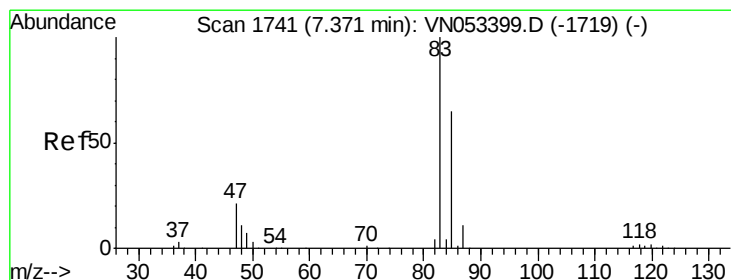
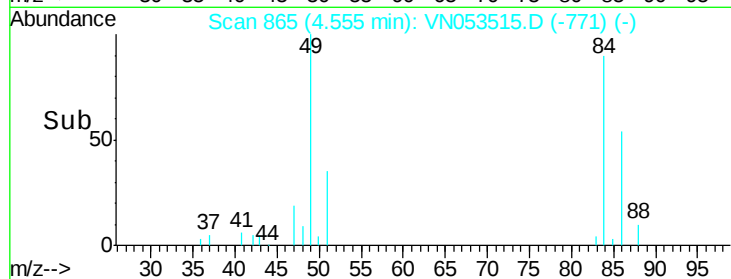
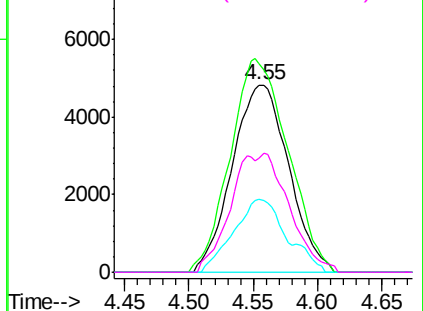
#20
Methylene Chloride
Concen: 1.581 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053515.D
Acq: 22 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampled :
FML-124

Tot Ion:	84	Resp:	14705
Ion	Ratio	Lower	Upper
84	100		
49	111.4	94.3	141.5
51	38.9	29.4	44.2
86	60.6	51.4	77.0

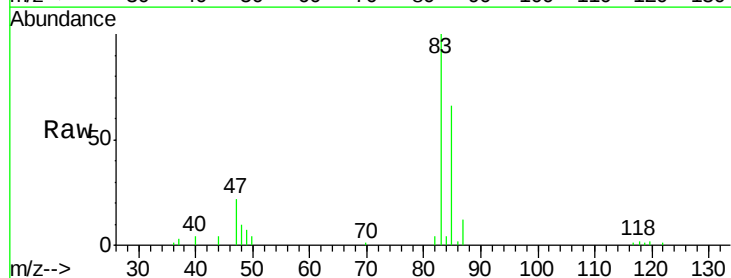


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

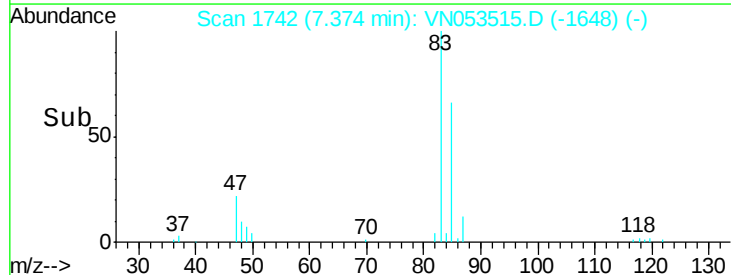
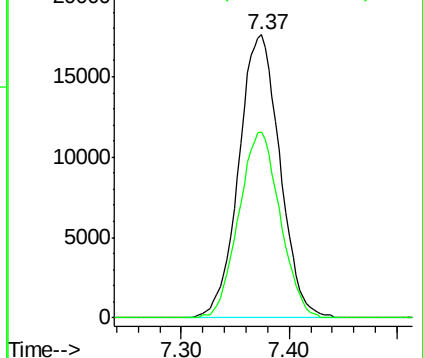


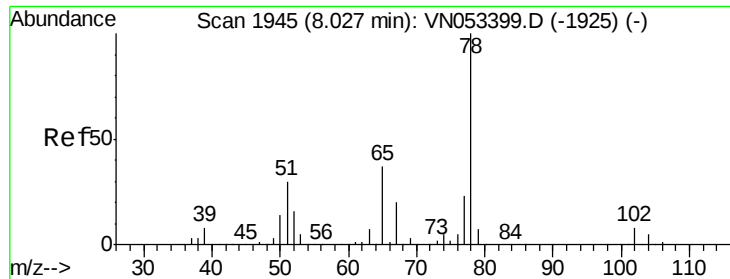
#30
Chloroform
Concen: 3.053 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053515.D
Acq: 22 Jan 2019 13:23

Tgt Ion:	83	Resp:	46646
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.2	78.2



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053515.D

Acq: 22 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

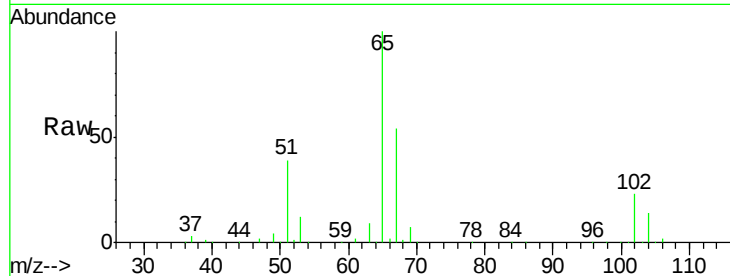
FML-124

Tot Ion: 65 Resp: 433724

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

200000

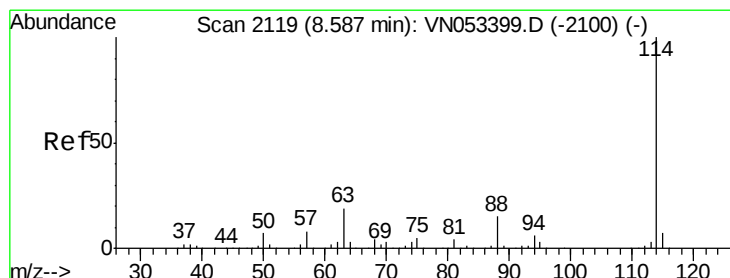
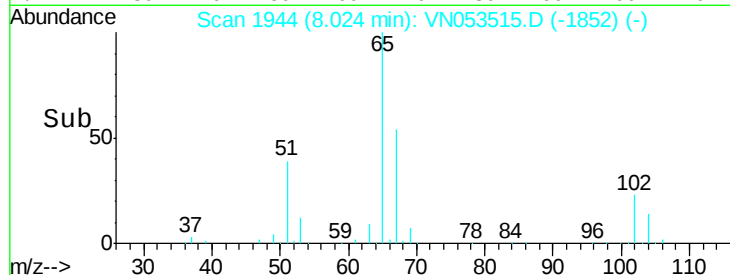
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053515.D

Acq: 22 Jan 2019 13:23

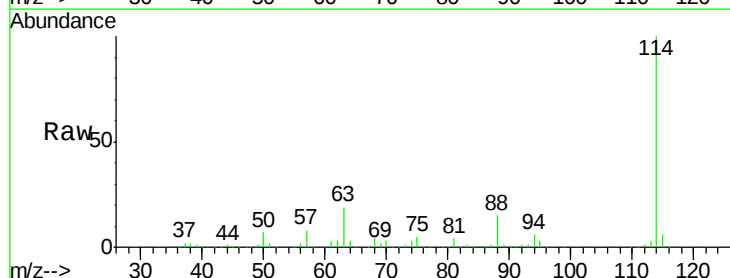
Tgt Ion:114 Resp: 1359347

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

800000

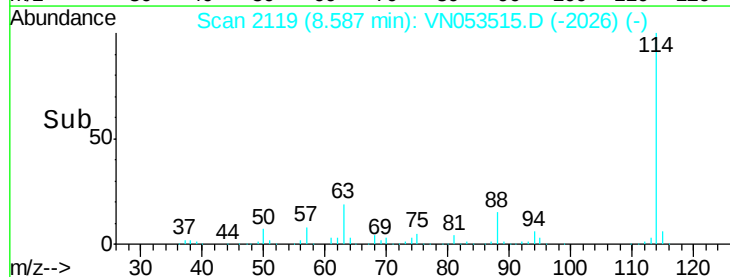
600000

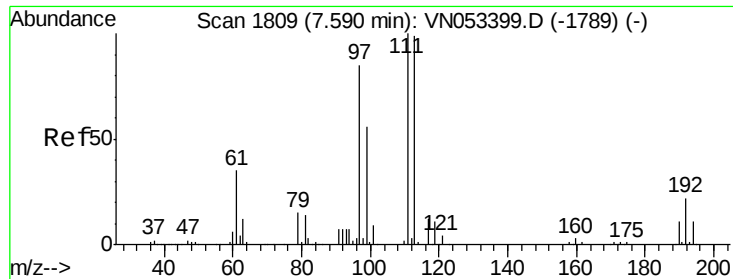
400000

200000

0

Time-->

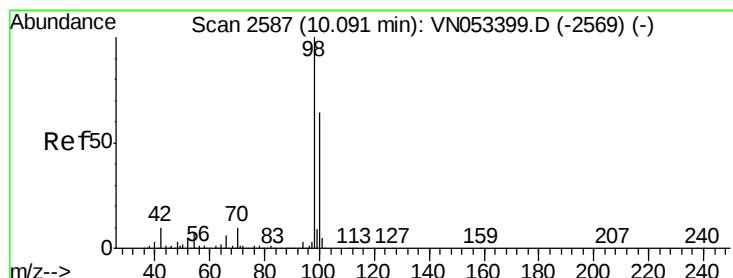
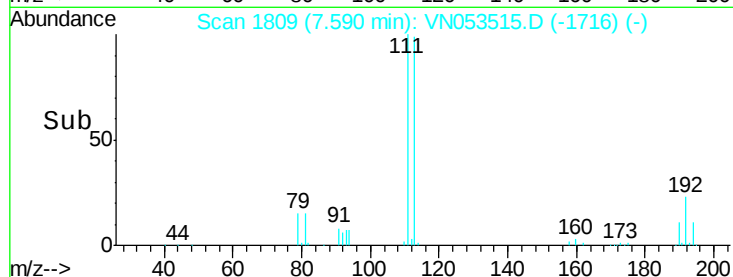
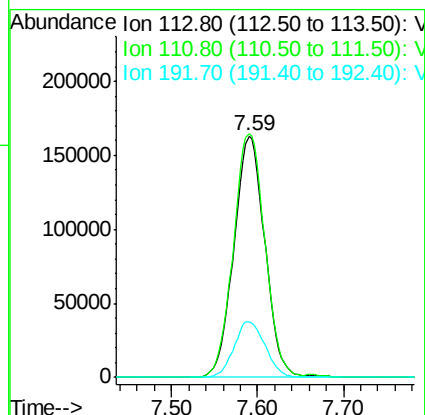
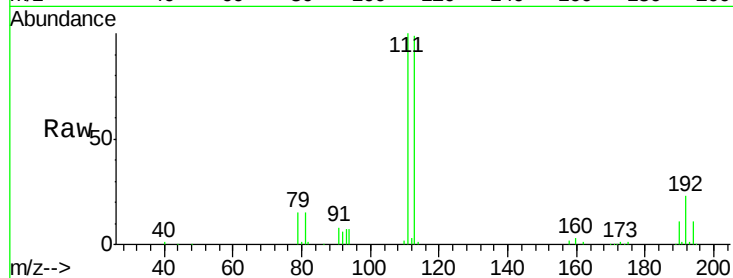




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053515.D
 Acq: 22 Jan 2019 13:23

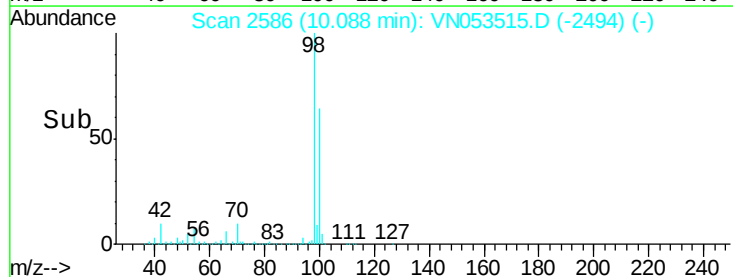
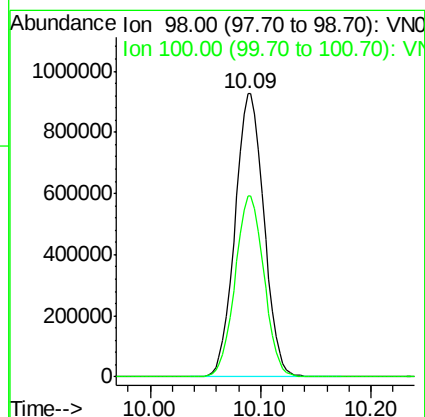
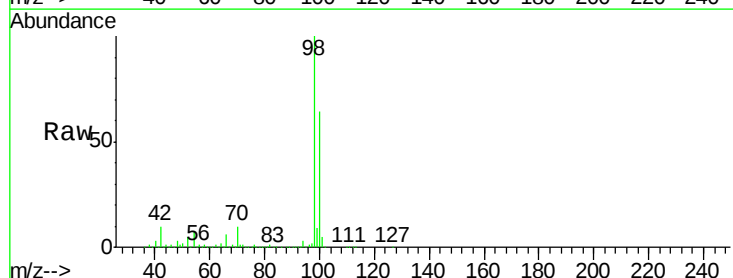
Instrument :
 MSVOA_N
 ClientSampleId :
 FML-124

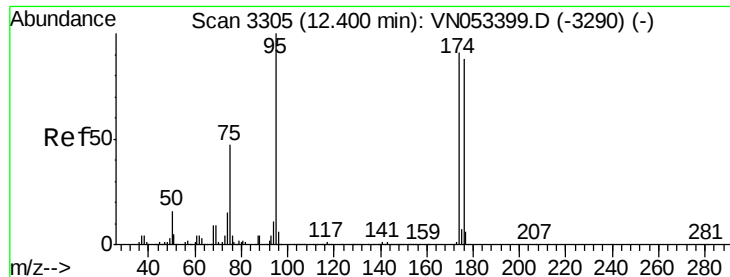
Tot Ion:113 Resp: 407463
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 23.2 18.2 27.2



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN053515.D
 Acq: 22 Jan 2019 13:23

Tgt Ion: 98 Resp: 1687472
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.4 77.0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053515.D

Acq: 22 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

FML-124

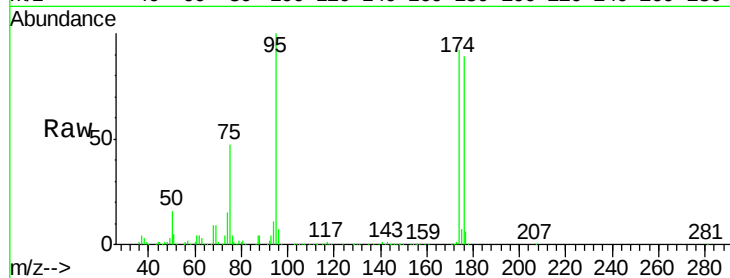
Tot Ion: 95 Resp: 561103

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.2

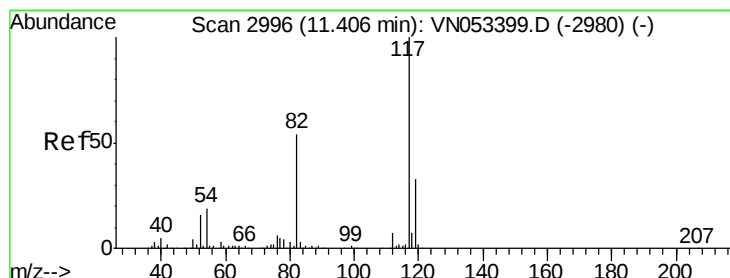
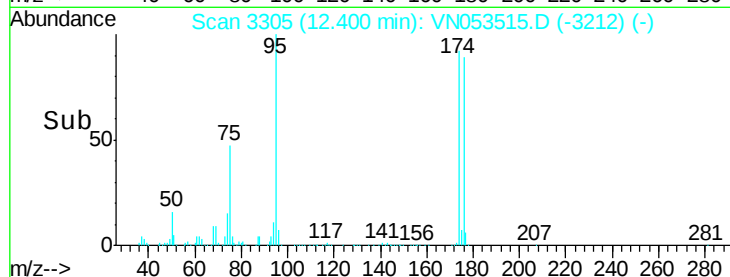
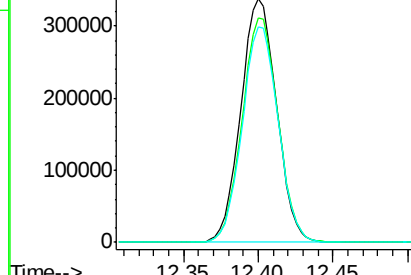
176 89.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053515.D

Acq: 22 Jan 2019 13:23

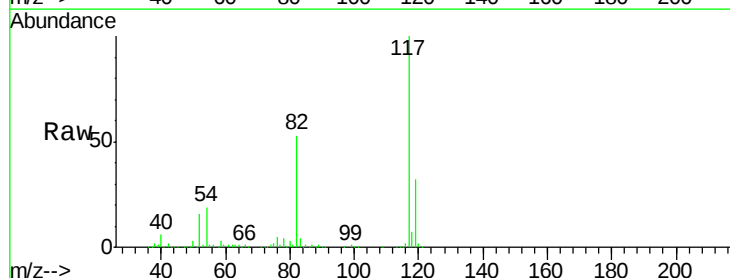
Tgt Ion: 117 Resp: 1257938

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

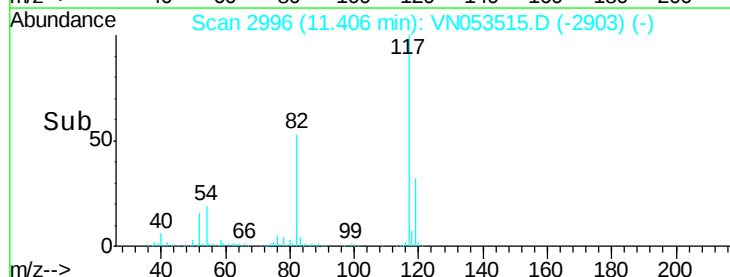
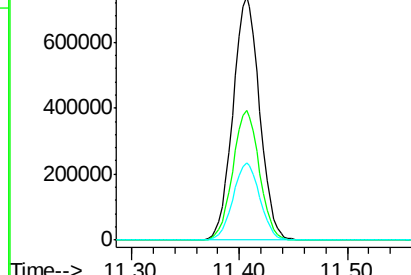
119 31.7 26.0 39.0

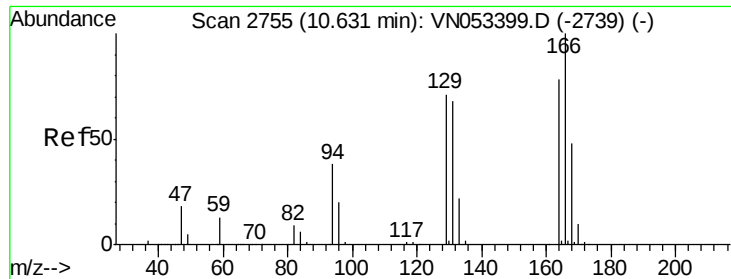


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#64

Tetrachloroethene

Concen: 0.307 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN053515.D

Acq: 22 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

FML-124

Tot Ion:164 Resp: 3637

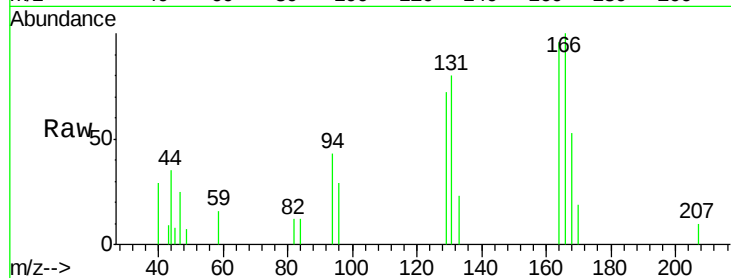
Ion Ratio Lower Upper

164 100

166 103.9 102.2 153.4

129 74.8 72.6 109.0

131 83.0 69.5 104.3

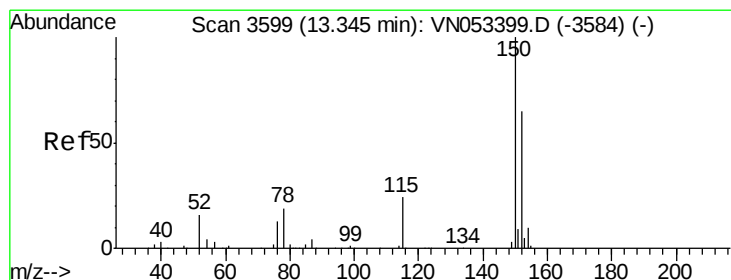
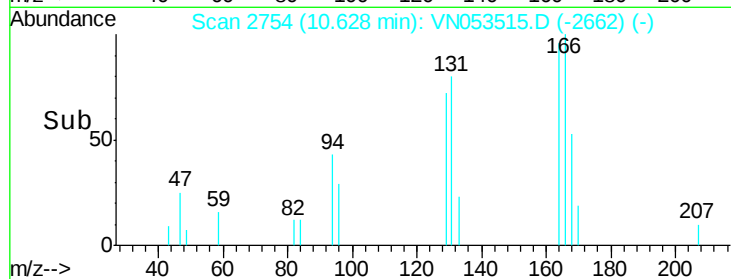
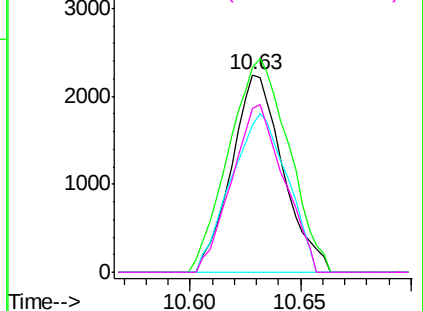


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053515.D

Acq: 22 Jan 2019 13:23

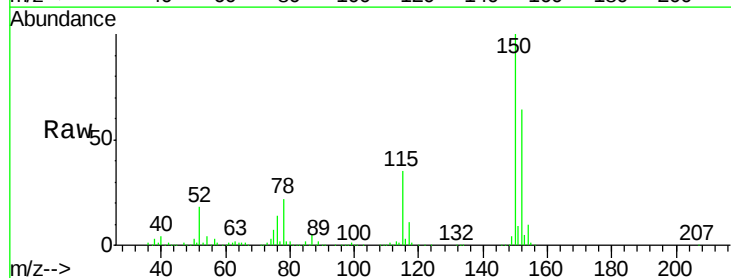
Tgt Ion:152 Resp: 525321

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

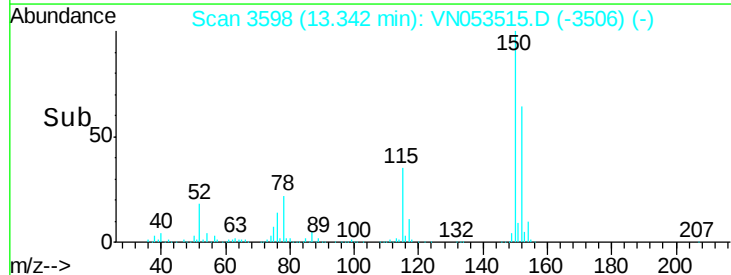
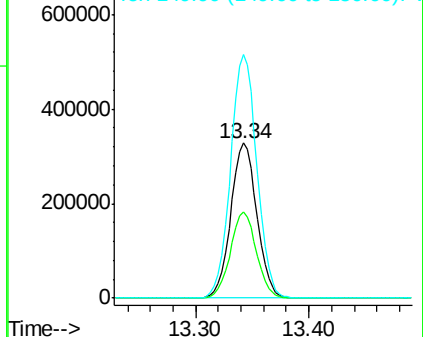
150 158.1 0.0 349.0

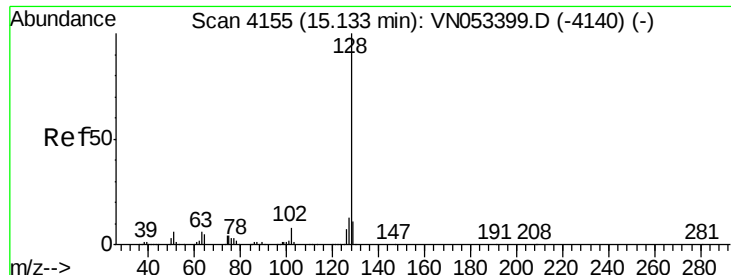


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

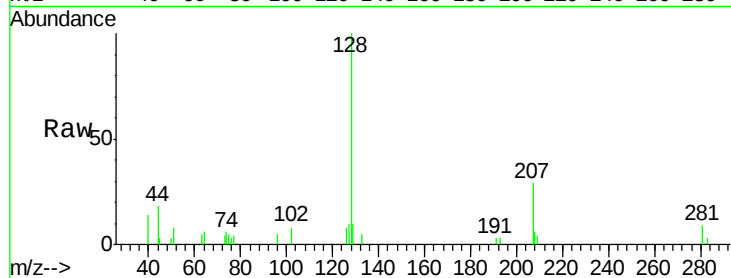




#95
Naphthalene
Concen: 4.711 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053515.D
Acq: 22 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
FML-124

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	11.5	8.6	13.0



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

