

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053553.D
 Acq On : 28 Jan 2019 18:36
 Operator : JC/SP
 Sample : K1261-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-C05

Quant Time: Jan 29 08:29:01 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

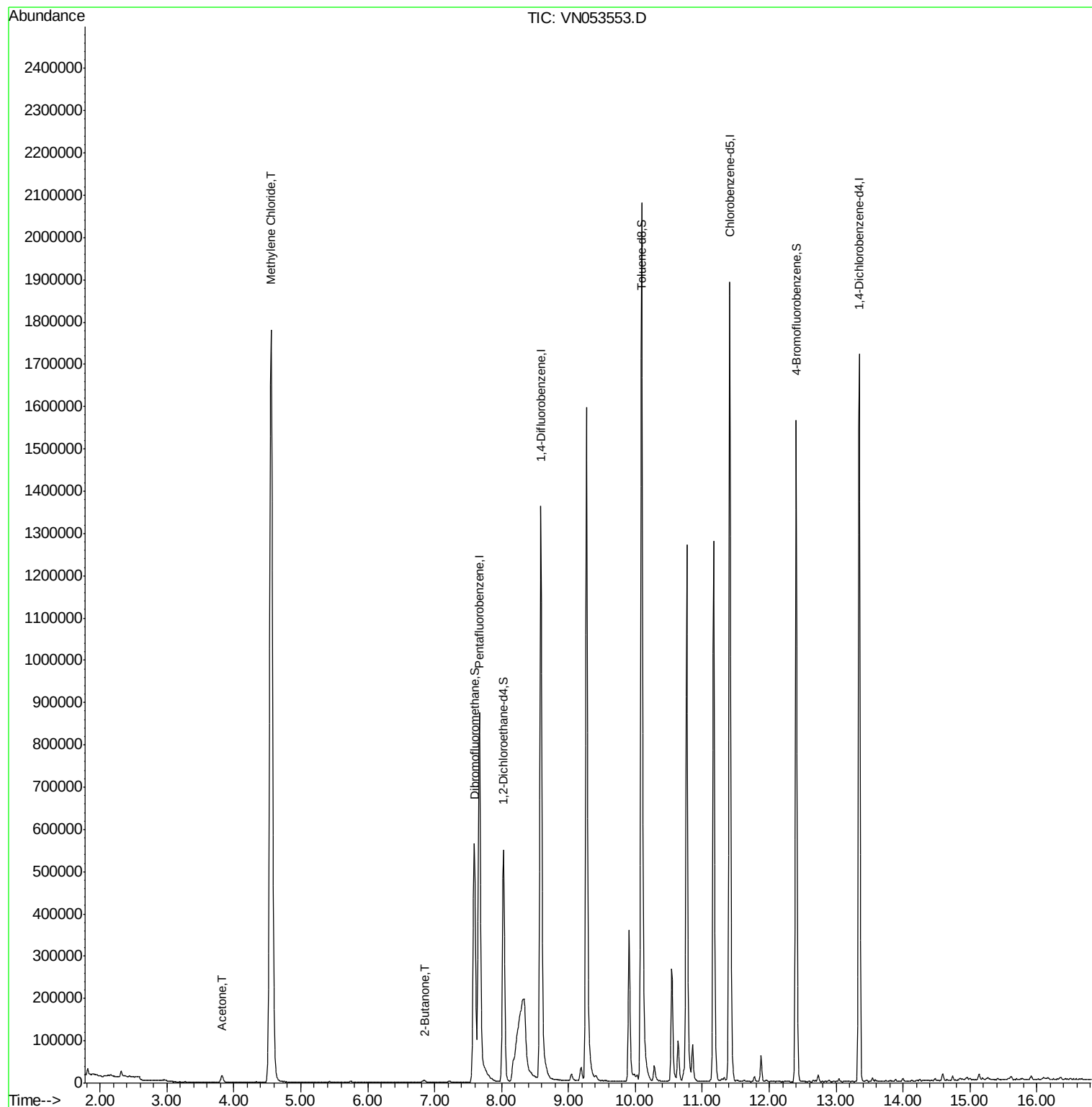
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	882458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1419397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1256601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	511155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	457166	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	7.59	113	444192	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
50) Toluene-d8	10.09	98	1706297	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	546898	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
16) Acetone	3.82	43	25795	12.605	ug/l	95
20) Methylene Chloride	4.55	84	1423095	152.319	ug/l	99
25) 2-Butanone	6.85	43	7489	2.375	ug/l	92

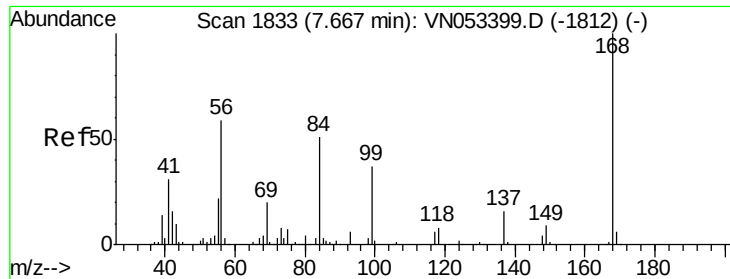
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053553.D

Acq: 28 Jan 2019 18:36

Instrument :

MSVOA_N

ClientSampled :

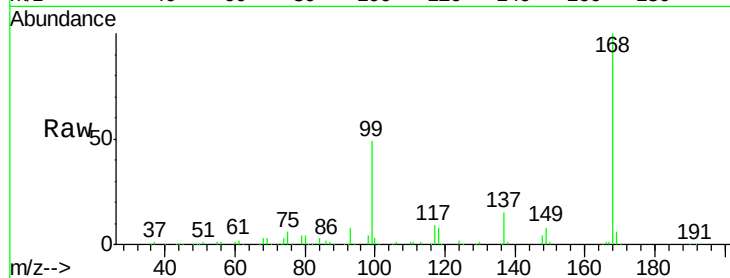
MH-C05

Tot Ion:168 Resp: 882458

Ion Ratio Lower Upper

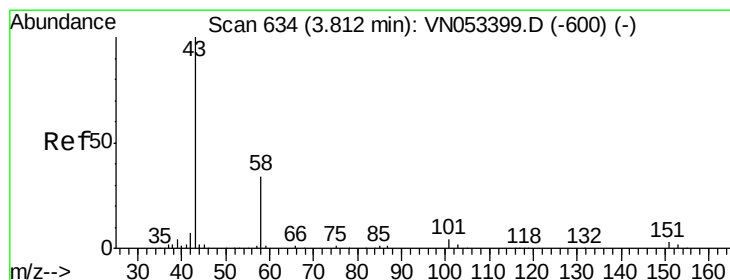
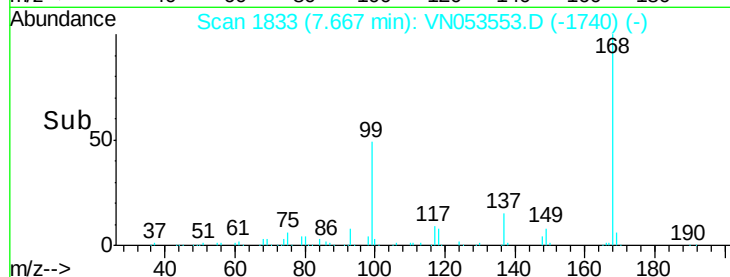
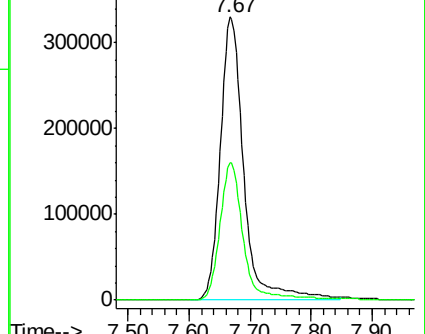
168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.605 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053553.D

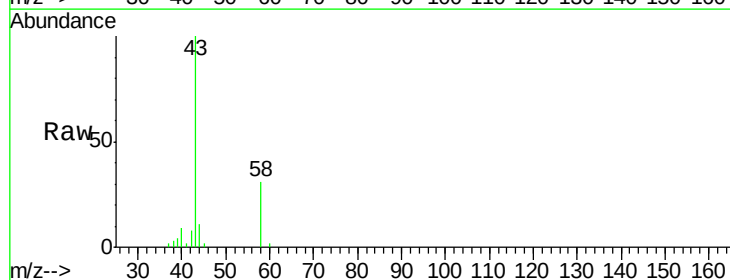
Acq: 28 Jan 2019 18:36

Tgt Ion: 43 Resp: 25795

Ion Ratio Lower Upper

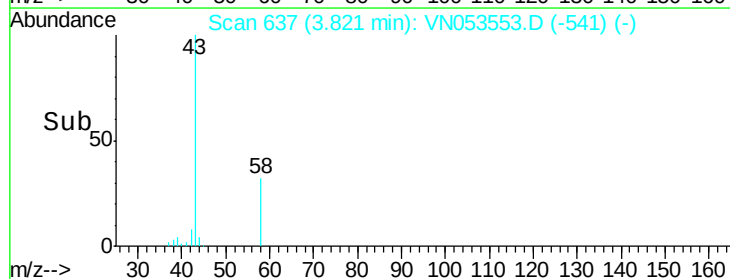
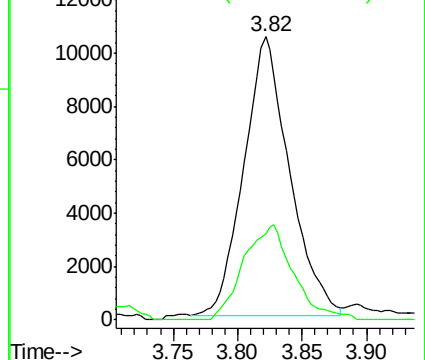
43 100

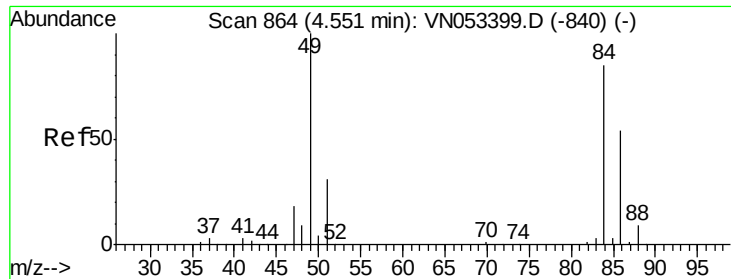
58 31.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



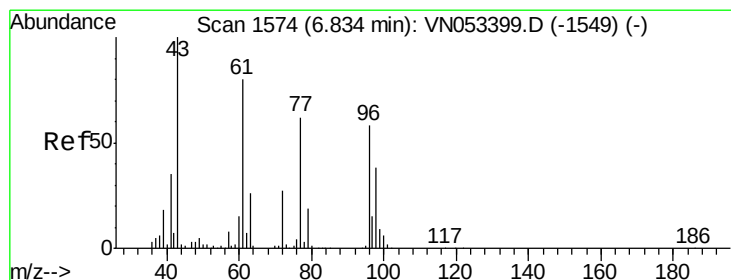
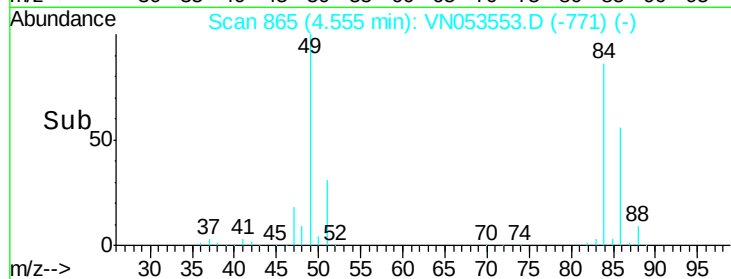
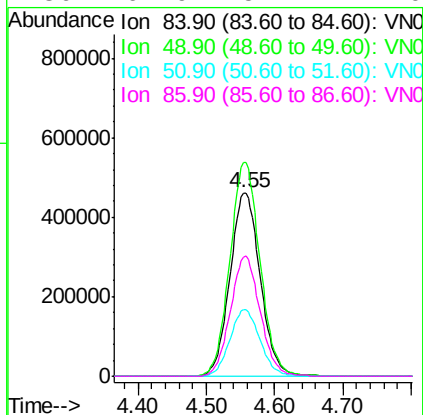
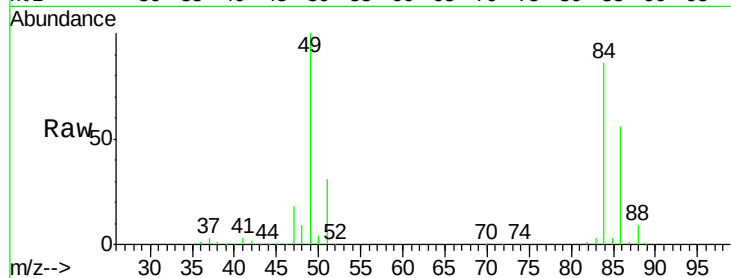


#20
Methvlene Chloride
Concen: 152.319 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053553.D
Acq: 28 Jan 2019 18:36

Instrument :
MSVOA_N
ClientSampled :
MH-C05

Tot Ion: 84 Resp: 1423095

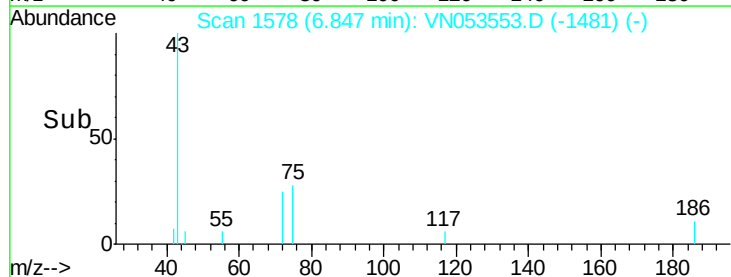
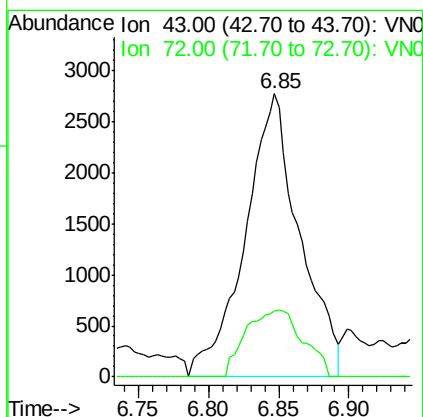
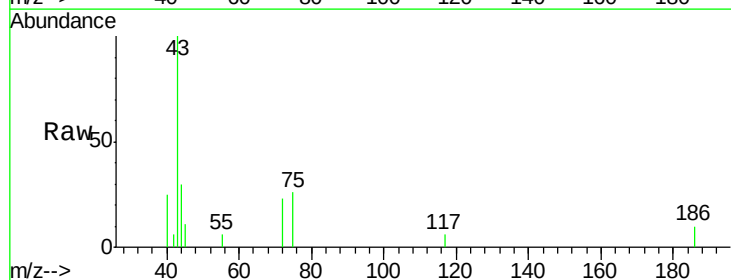
Ion	Ratio	Lower	Upper
84	100		
49	116.5	94.3	141.5
51	36.2	29.4	44.2
86	64.9	51.4	77.0

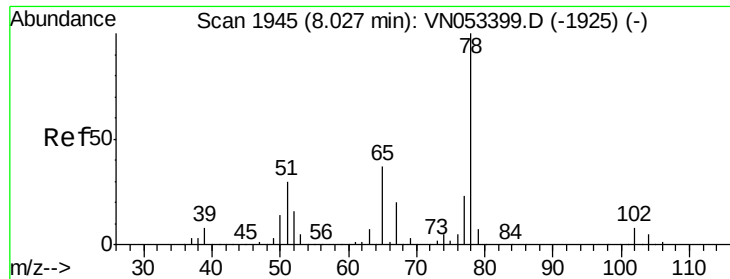


#25
2-Butanone
Concen: 2.375 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053553.D
Acq: 28 Jan 2019 18:36

Tgt Ion: 43 Resp: 7489

Ion	Ratio	Lower	Upper
43	100		
72	23.3	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053553.D

Acq: 28 Jan 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

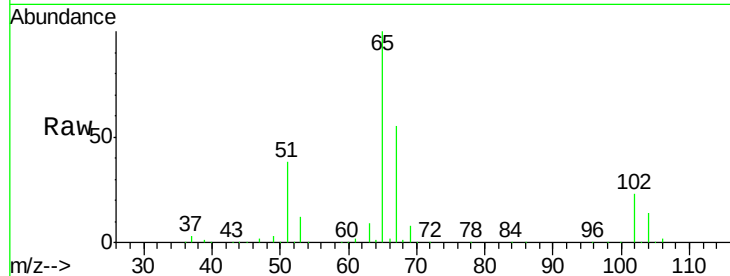
MH-C05

Tot Ion: 65 Resp: 457166

Ion Ratio Lower Upper

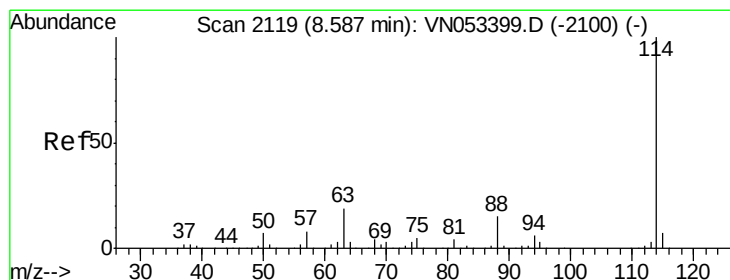
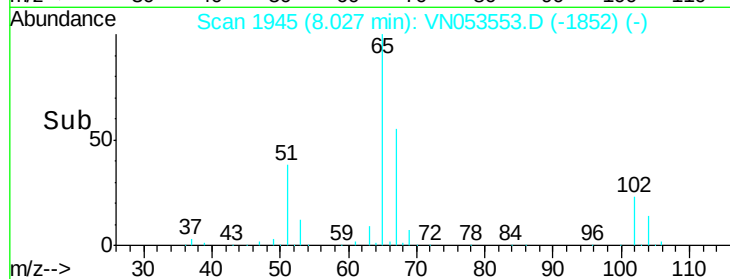
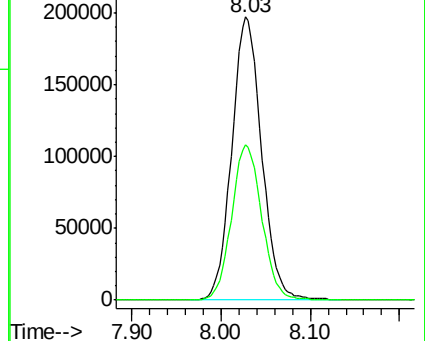
65 100

67 55.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053553.D

Acq: 28 Jan 2019 18:36

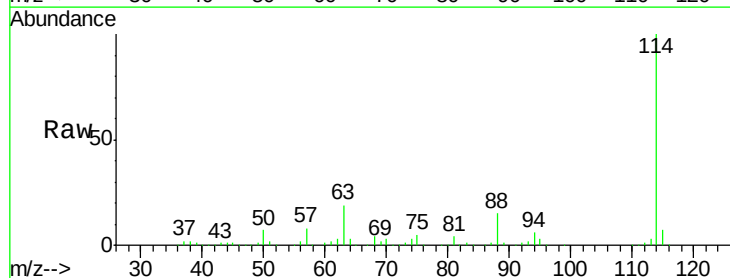
Tgt Ion: 114 Resp: 1419397

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

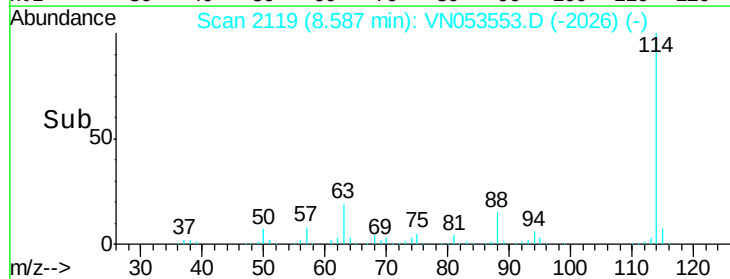
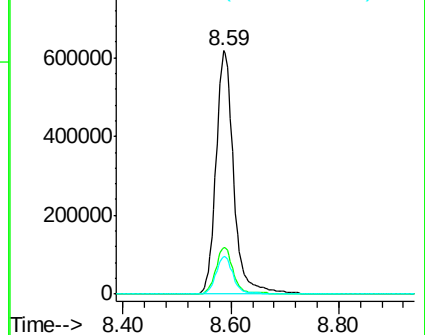
88 15.3 0.0 30.4

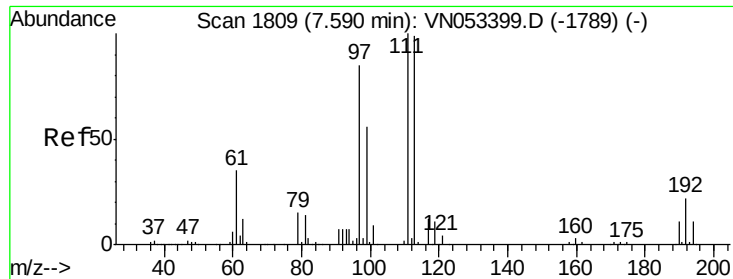


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

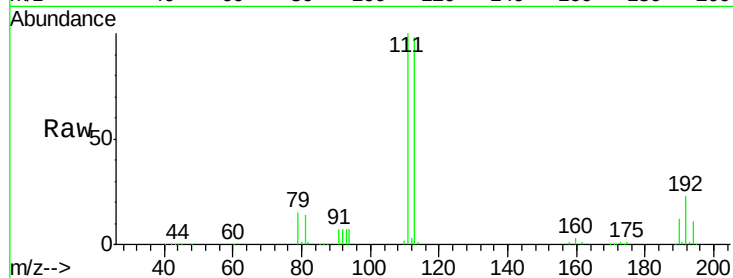




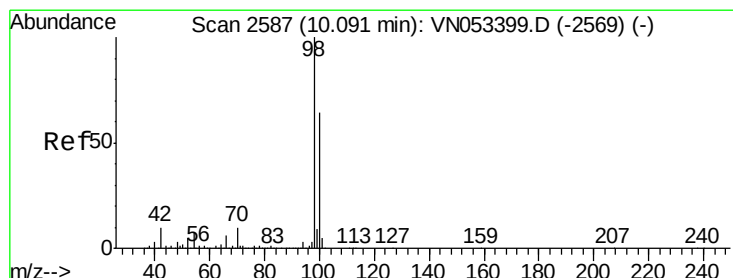
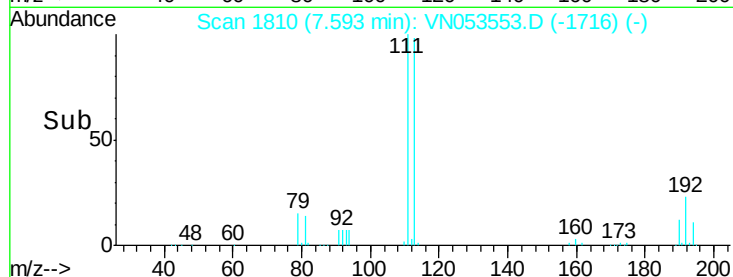
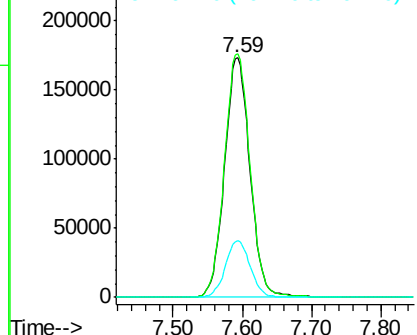
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053553.D
Acq: 28 Jan 2019 18:36

Instrument :
MSVOA_N
ClientSampleId :
MH-C05

Tot Ion:113 Resp: 444192
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 23.1 18.2 27.2

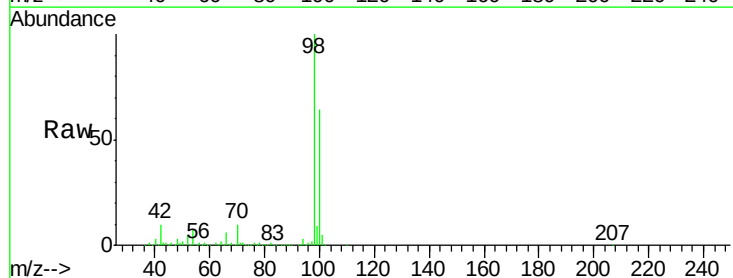


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

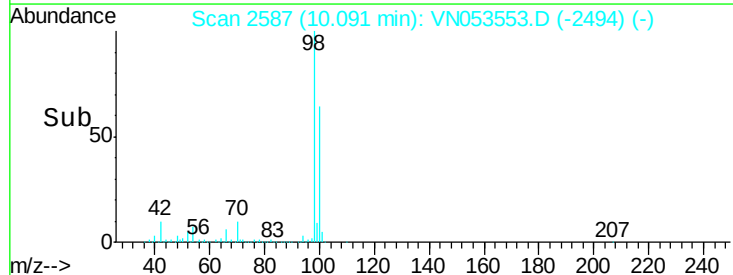
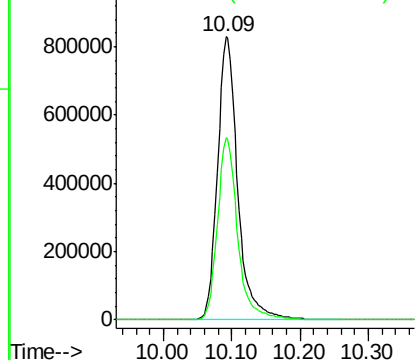


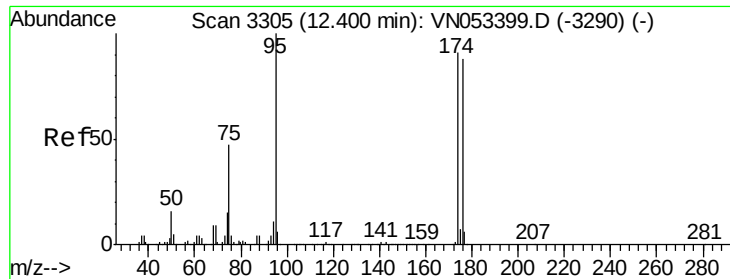
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053553.D
Acq: 28 Jan 2019 18:36

Tgt Ion: 98 Resp: 1706297
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053553.D

Acq: 28 Jan 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

MH-C05

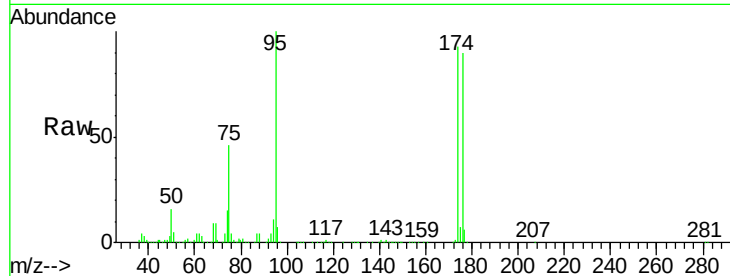
Tot Ion: 95 Resp: 546898

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.2

176 90.0 0.0 177.4

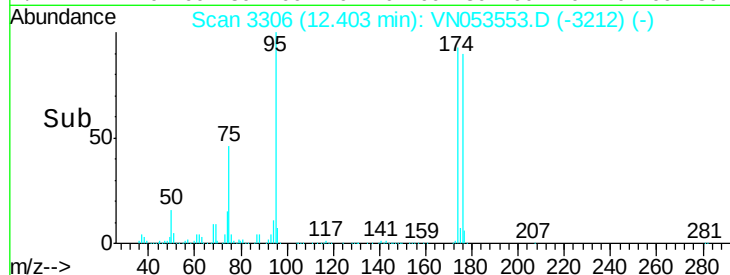


Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

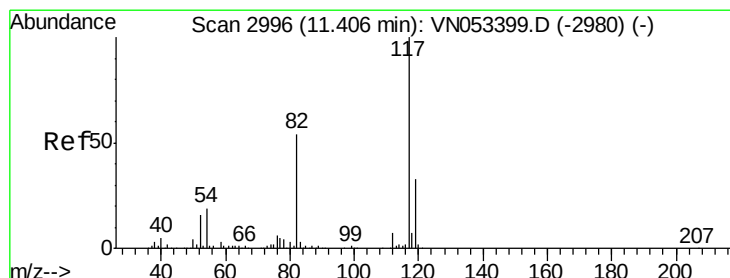
Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

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

Time--> 12.30 12.40 12.50



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053553.D

Acq: 28 Jan 2019 18:36

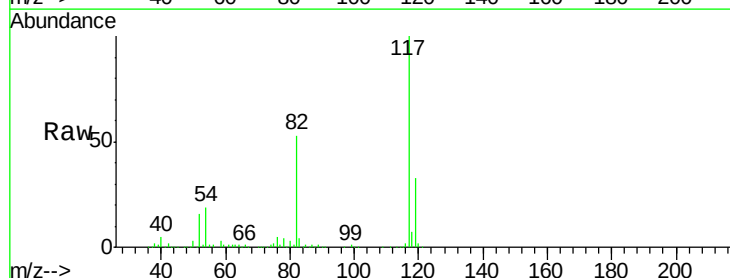
Tgt Ion: 117 Resp: 1256601

Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

119 32.6 26.0 39.0

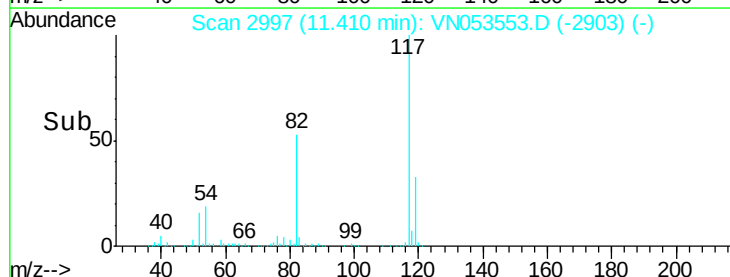


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

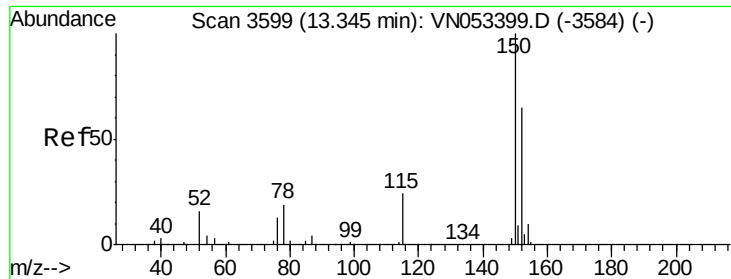
Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

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

Time--> 11.30 11.40 11.50



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053553.D

Acq: 28 Jan 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

MH-C05

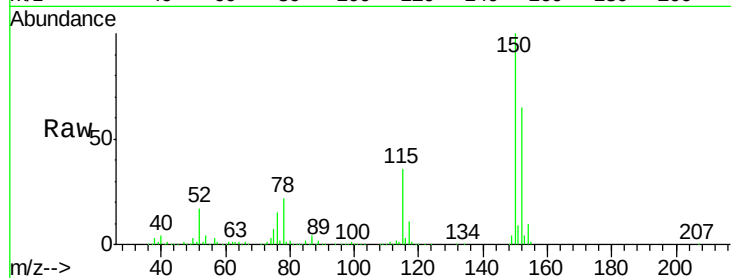
Tot Ion:152 Resp: 511155

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

150 156.2 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

