

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010919\
 Data File : VN053328.D
 Acq On : 9 Jan 2019 18:52
 Operator : MD\SY
 Sample : K1087-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-445

Quant Time: Jan 10 03:42:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

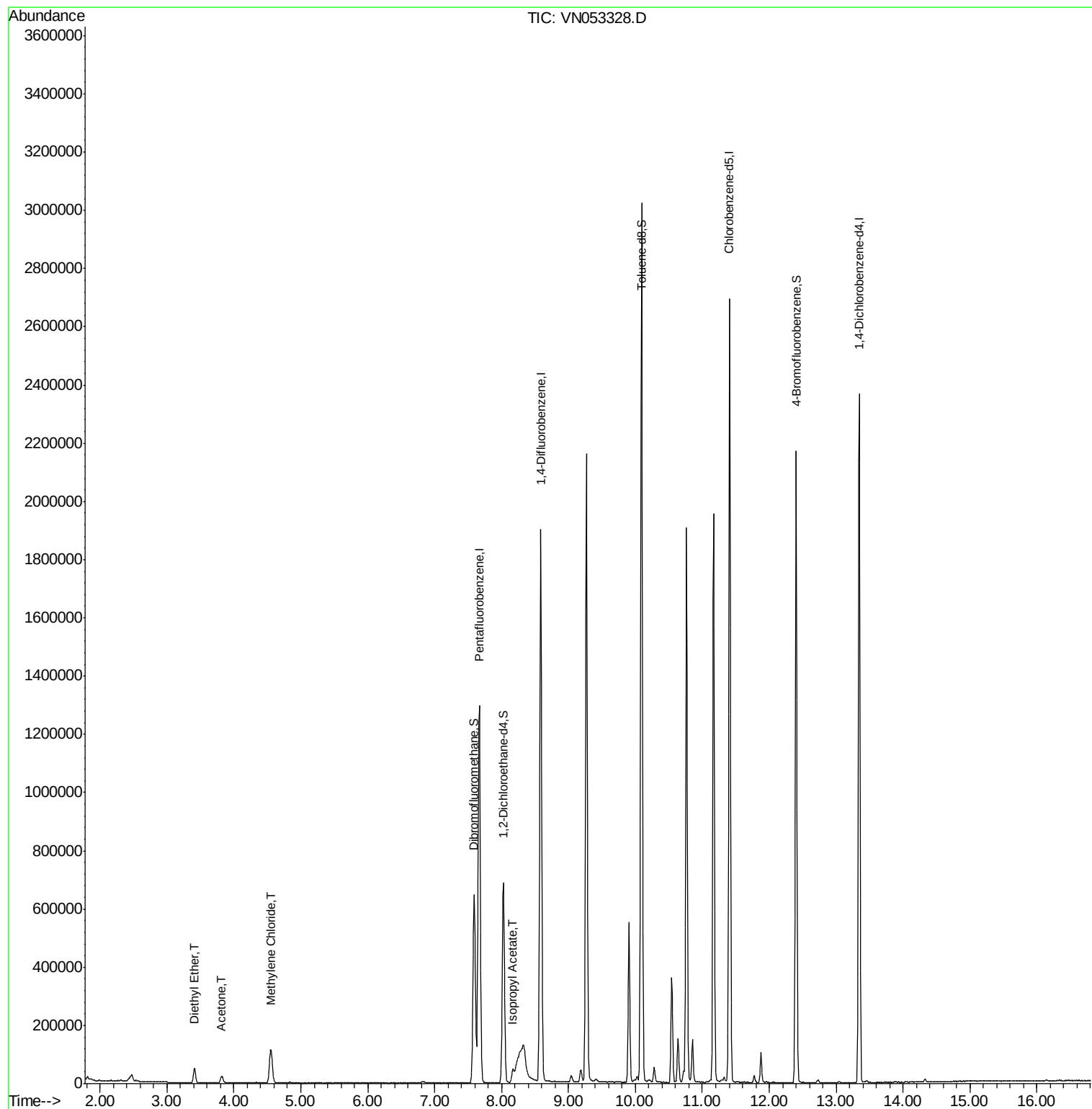
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1153227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1768368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1635550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	678615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	567838	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	7.59	113	493272	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.09	98	2194384	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	747840	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
Target Compounds						
8) Diethyl Ether	3.41	74	27298	3.968	ug/l	98
16) Acetone	3.82	43	44756	13.384	ug/l	98
20) Methylene Chloride	4.55	84	92671	7.192	ug/l	98
43) Isopropyl Acetate	8.17	43	55470	2.622	ug/l #	79

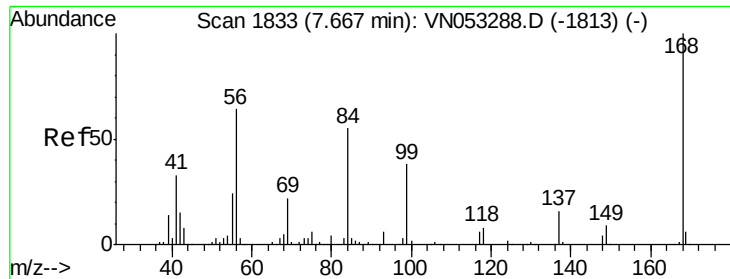
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN010919\
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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: VN053328.D

Acq: 9 Jan 2019 18:52

Instrument :

MSVOA_N

ClientSampled :

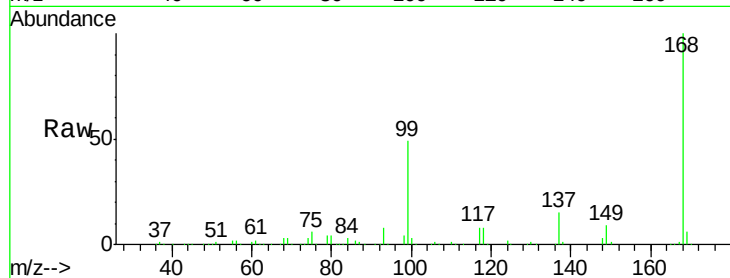
MH-445

Tot Ion:168 Resp: 1153227

Ion Ratio Lower Upper

168 100

99 49.1 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

500000

400000

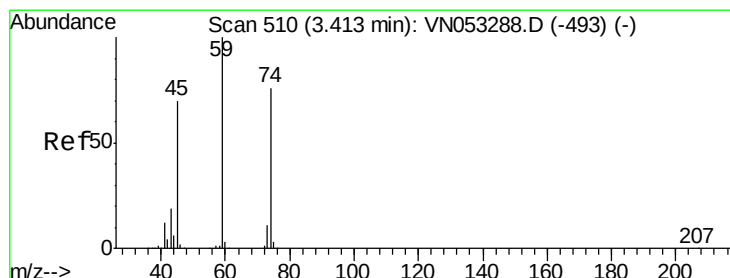
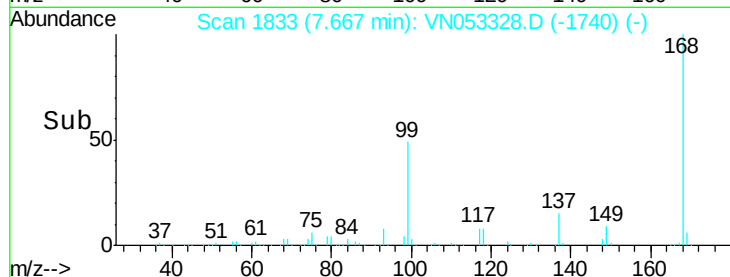
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 3.968 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN053328.D

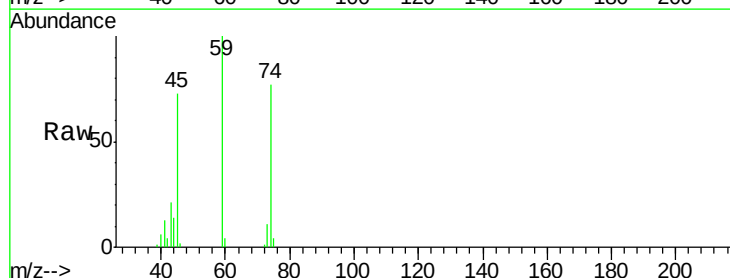
Acq: 9 Jan 2019 18:52

Tgt Ion: 74 Resp: 27298

Ion Ratio Lower Upper

74 100

45 98.5 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

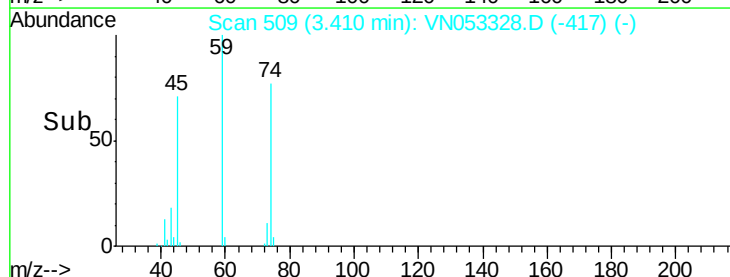
3.41

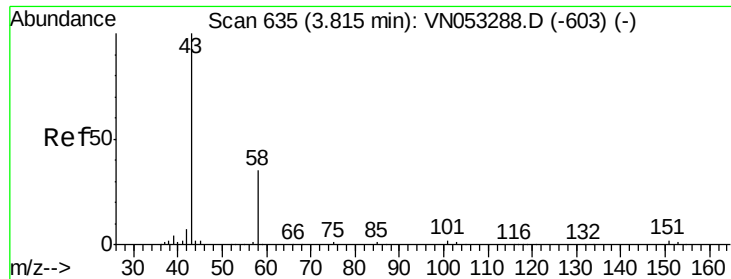
10000

5000

0

Time-->





#16

Acetone

Concen: 13.384 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053328.D

Acq: 9 Jan 2019 18:52

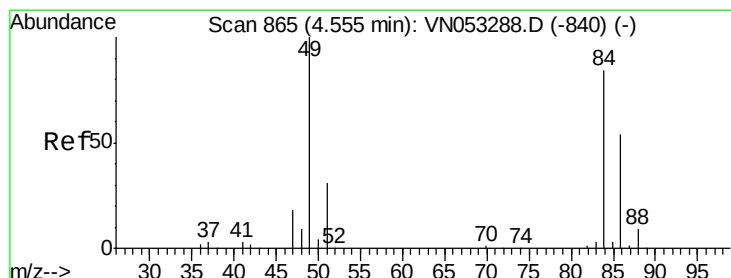
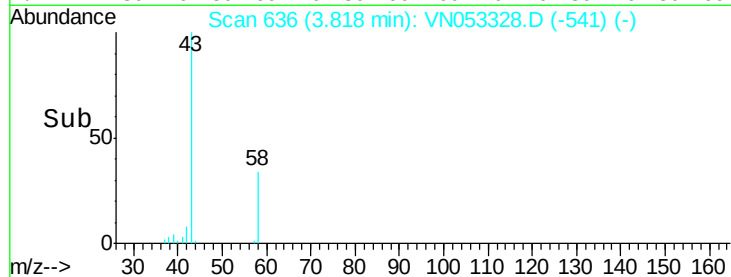
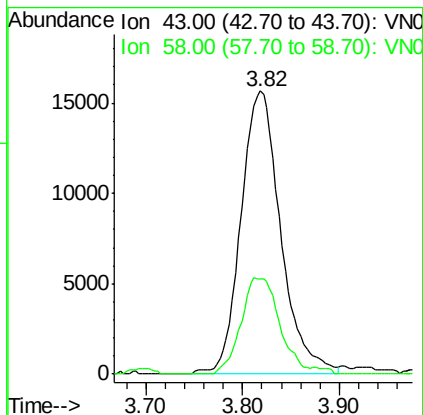
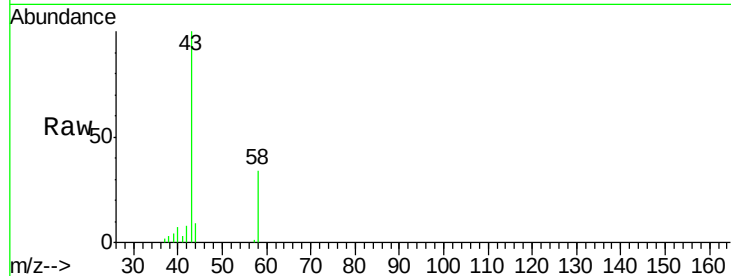
Instrument :
MSVOA_N
ClientSampled :
MH-445

Tot Ion: 43 Resp: 44756

Ion Ratio Lower Upper

43 100

58 33.6 27.8 41.6



#20

Methylene Chloride

Concen: 7.192 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053328.D

Acq: 9 Jan 2019 18:52

Tgt Ion: 84 Resp: 92671

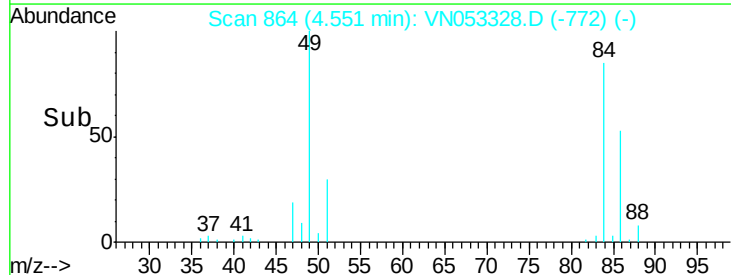
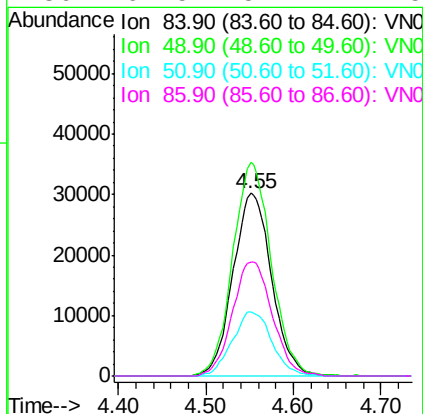
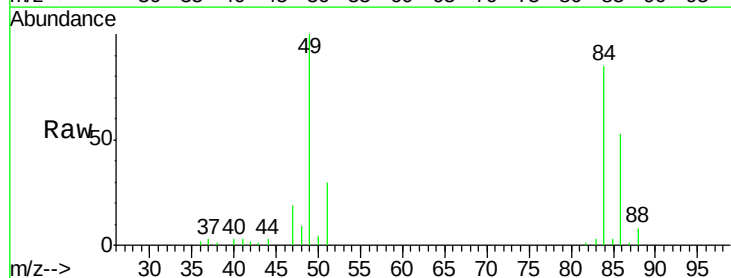
Ion Ratio Lower Upper

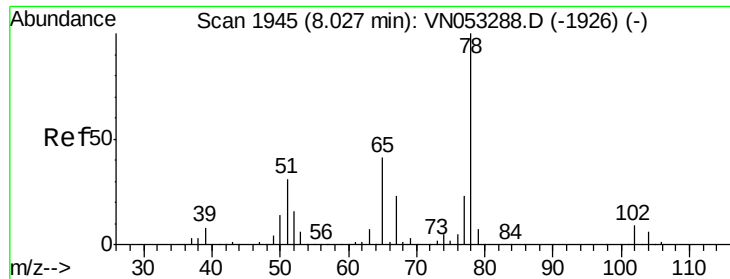
84 100

49 117.0 95.3 142.9

51 35.4 29.0 43.6

86 62.5 51.7 77.5





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053328.D

Acq: 9 Jan 2019 18:52

Instrument :

MSVOA_N

ClientSampled :

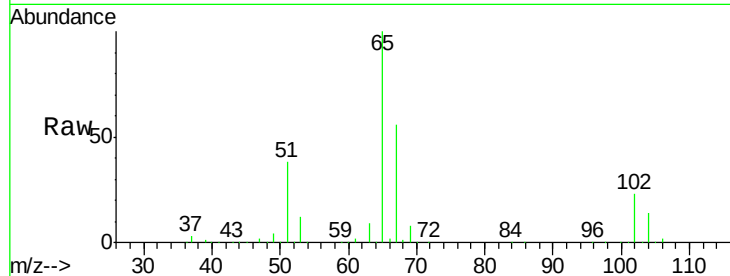
MH-445

Tot Ion: 65 Resp: 567838

Ion Ratio Lower Upper

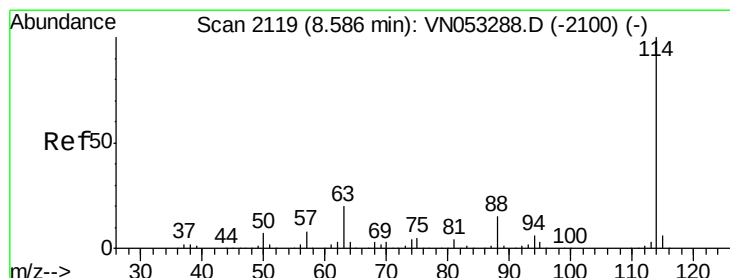
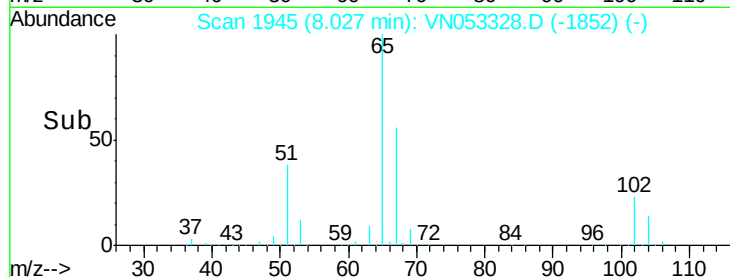
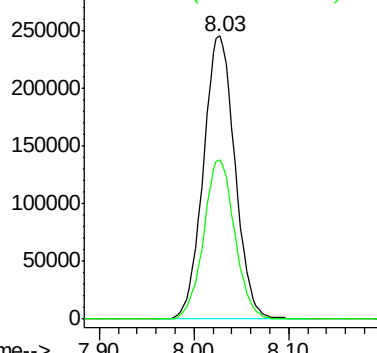
65 100

67 55.4 0.0 111.0



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: VN053328.D

Acq: 9 Jan 2019 18:52

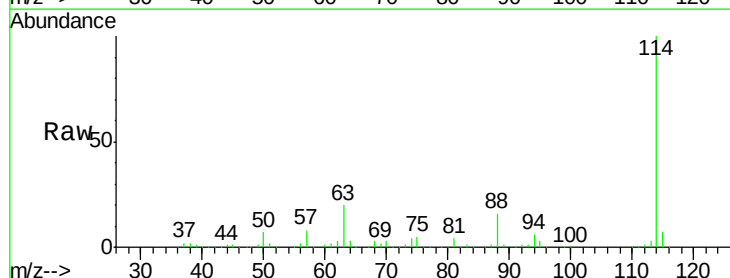
Tgt Ion:114 Resp: 1768368

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

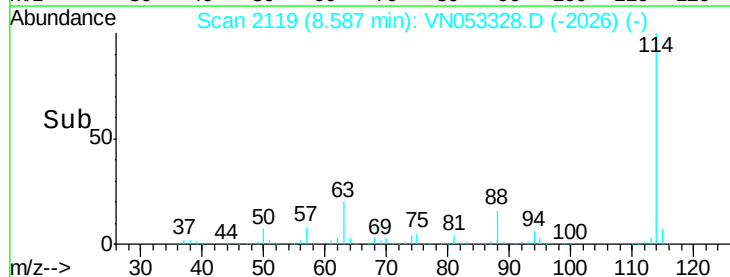
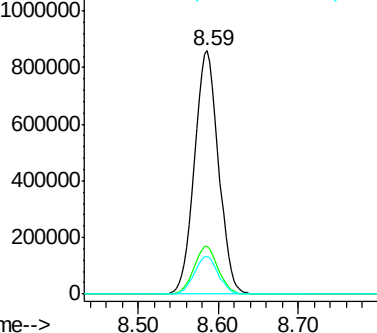
88 15.6 0.0 30.8

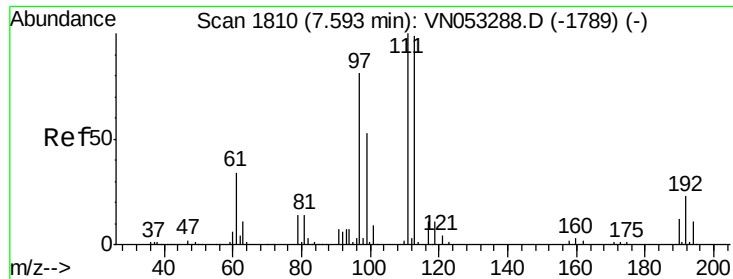


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

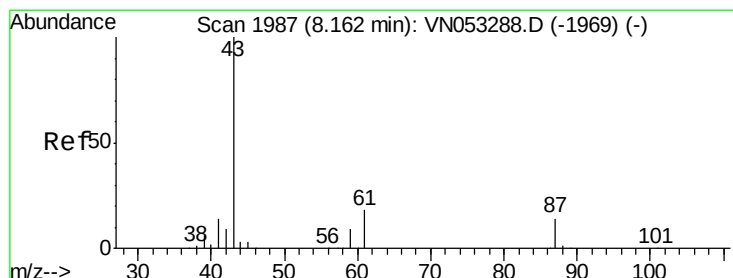
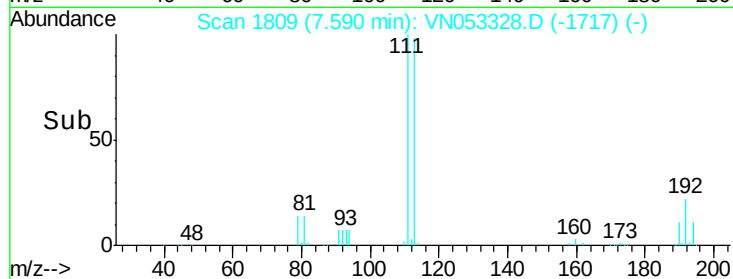
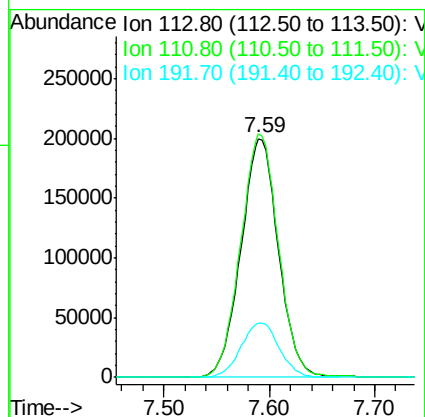
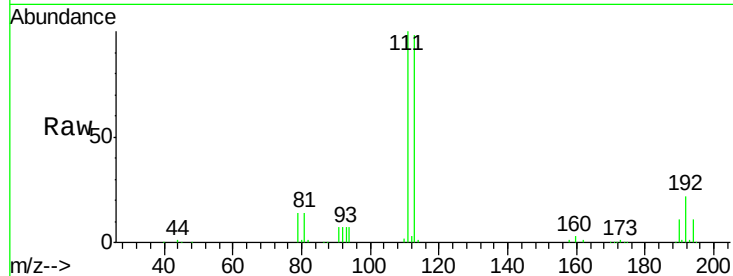




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053328.D
 Acq: 9 Jan 2019 18:52

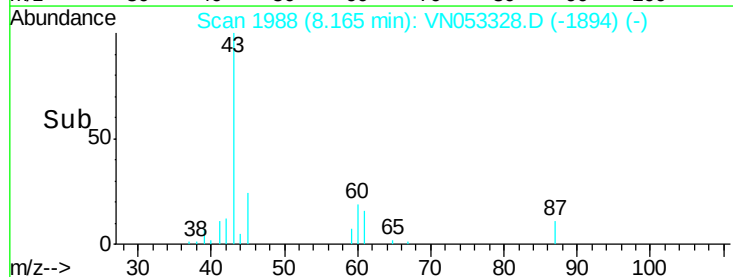
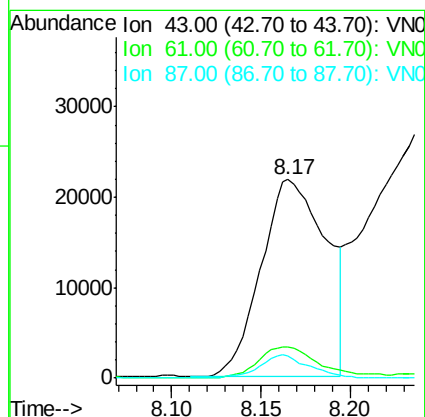
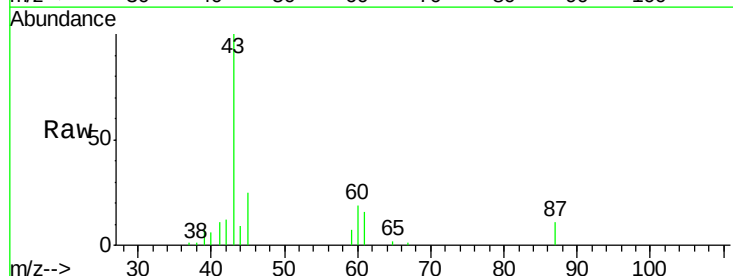
Instrument :
 MSVOA_N
 ClientSampled :
 MH-445

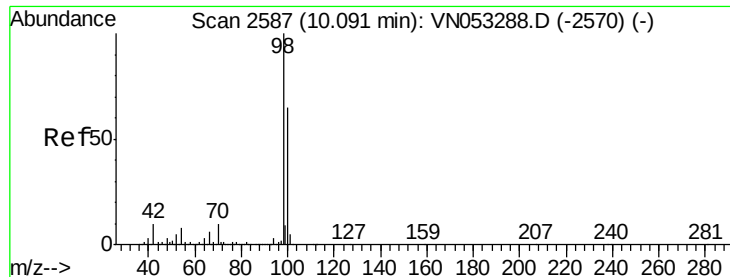
Tot Ion:113 Resp: 493272
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.2
 192 23.4 17.9 26.9



#43
 Isopropyl Acetate
 Concen: 2.622 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053328.D
 Acq: 9 Jan 2019 18:52

Tgt Ion: 43 Resp: 55470
 Ion Ratio Lower Upper
 43 100
 61 15.2 23.3 34.9#
 87 8.8 10.8 16.2#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053328.D

Acq: 9 Jan 2019 18:52

Instrument :

MSVOA_N

ClientSampleId :

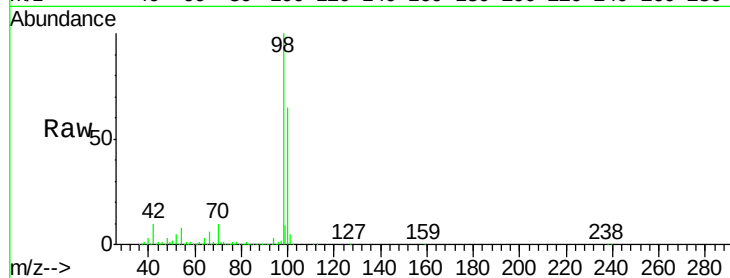
MH-445

Tot Ion: 98 Resp: 2194384

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053328.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053328.D (-2570) (-)

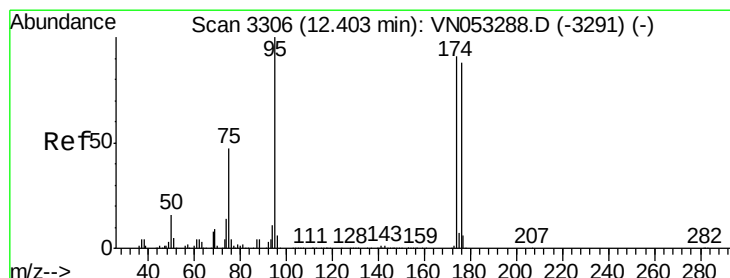
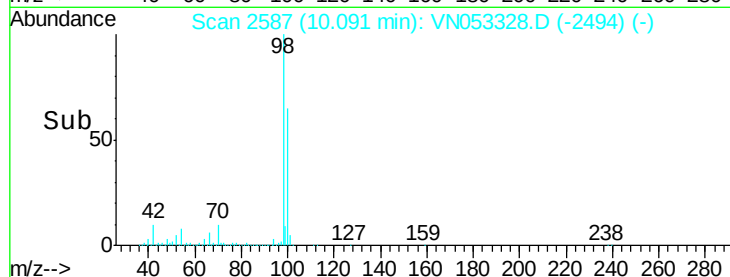
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053328.D

Acq: 9 Jan 2019 18:52

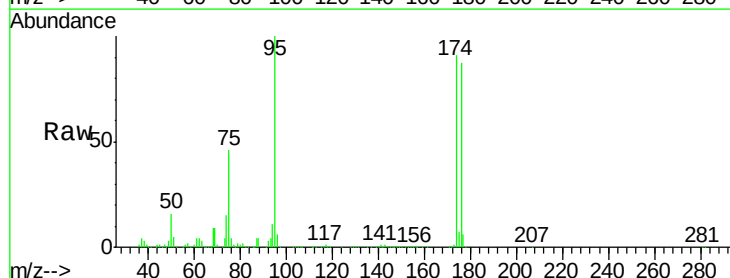
Tgt Ion: 95 Resp: 747840

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.4

176 87.9 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053328.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053328.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053328.D (-3213) (-)

12.40

600000

500000

400000

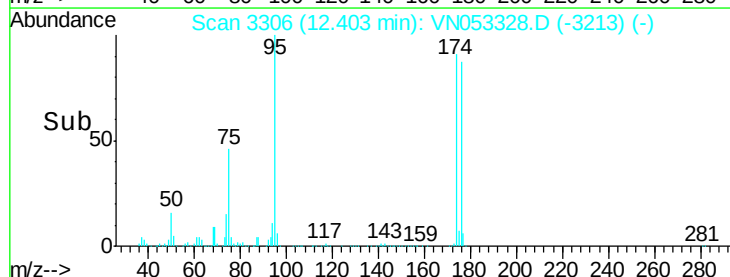
300000

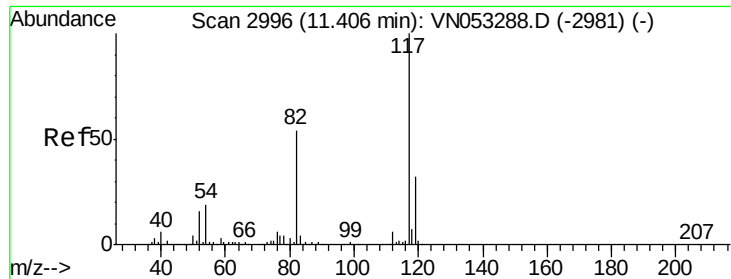
200000

100000

0

Time-->

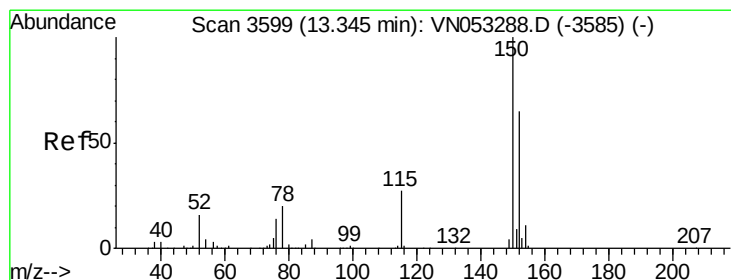
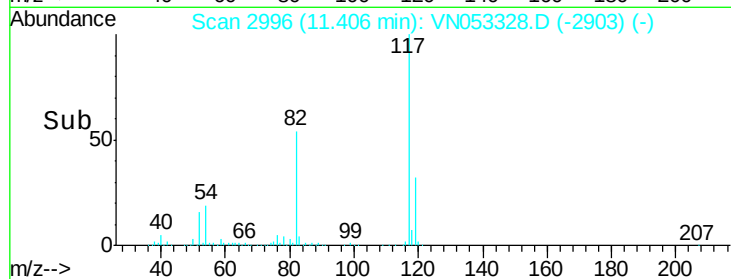
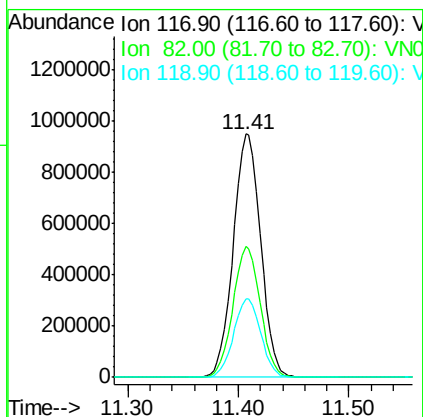
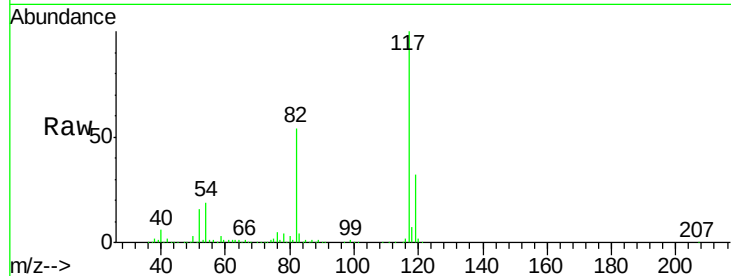




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053328.D
Acq: 9 Jan 2019 18:52

Instrument :
MSVOA_N
ClientSampled :
MH-445

Tot Ion:117 Resp: 1635550
Ion Ratio Lower Upper
117 100
82 53.8 42.9 64.3
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053328.D
Acq: 9 Jan 2019 18:52

Tgt Ion:152 Resp: 678615
Ion Ratio Lower Upper
152 100
115 55.9 28.0 84.0
150 156.1 0.0 346.6

