

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053425.D
 Acq On : 16 Jan 2019 15:14
 Operator : JC/SP
 Sample : PB116405ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#08

Quant Time: Jan 17 04:25:35 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

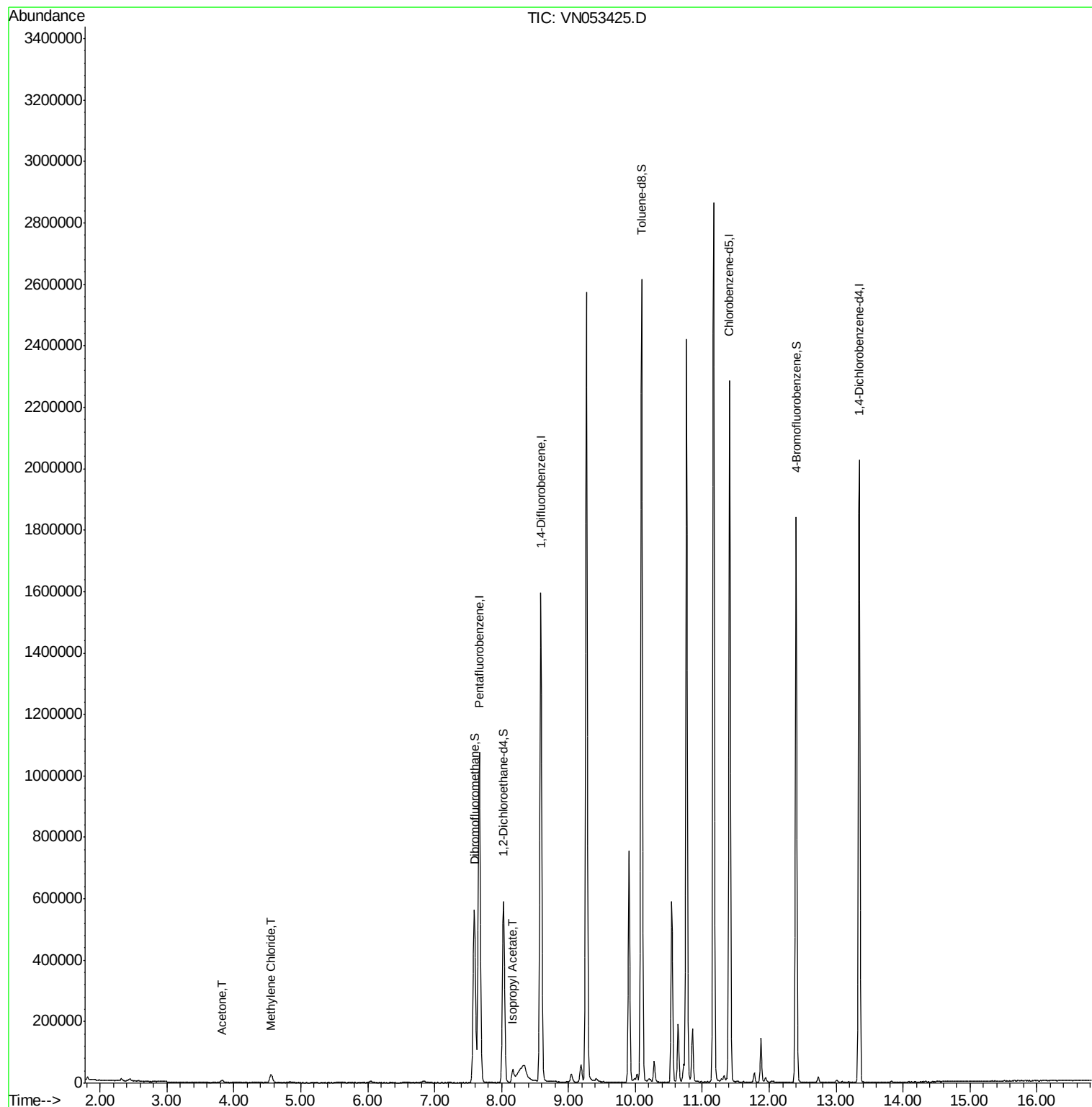
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	947370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1485417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1394616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	492358	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	7.59	113	431005	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.09	98	1860853	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.40	95	632124	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
Target Compounds						
16) Acetone	3.82	43	14630	6.659	ug/l	99
20) Methylene Chloride	4.55	84	20280	2.022	ug/l	96
43) Isopropyl Acetate	8.17	43	54592	3.901	ug/l #	85

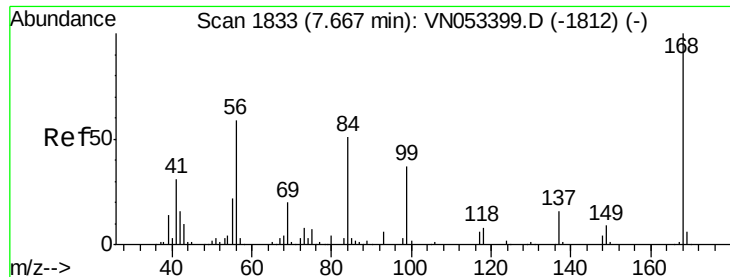
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011619\
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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: VN053425.D

Acq: 16 Jan 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

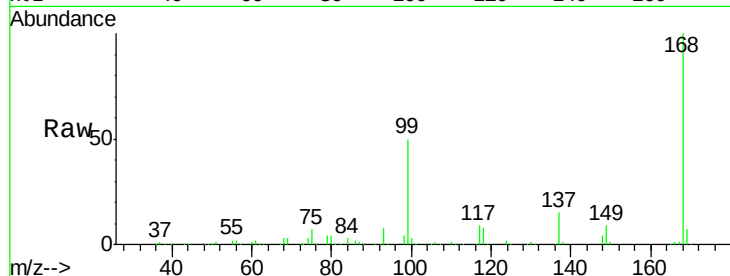
PB116405ZHE#08

Tot Ion:168 Resp: 947370

Ion Ratio Lower Upper

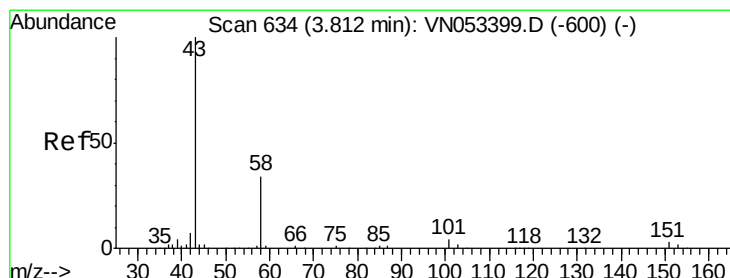
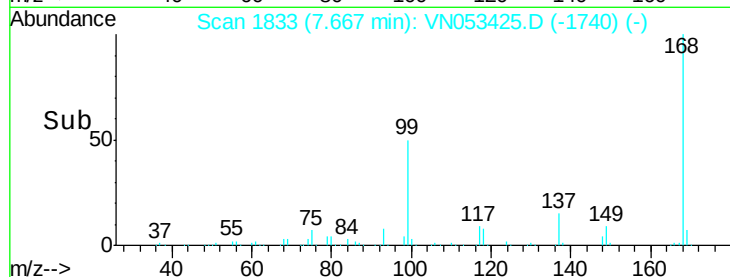
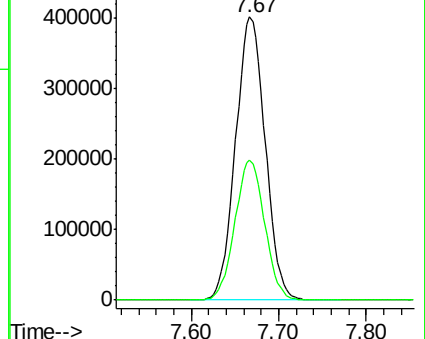
168 100

99 49.6 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: 6.659 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053425.D

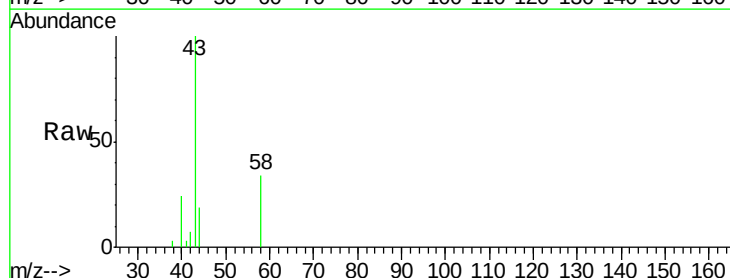
Acq: 16 Jan 2019 15:14

Tgt Ion: 43 Resp: 14630

Ion Ratio Lower Upper

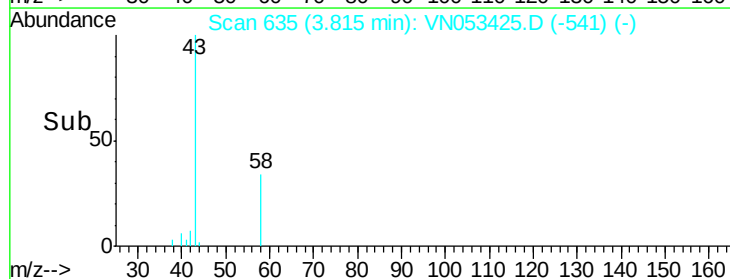
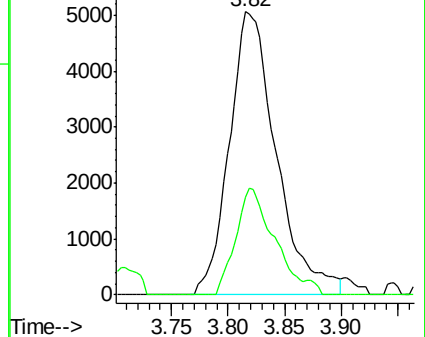
43 100

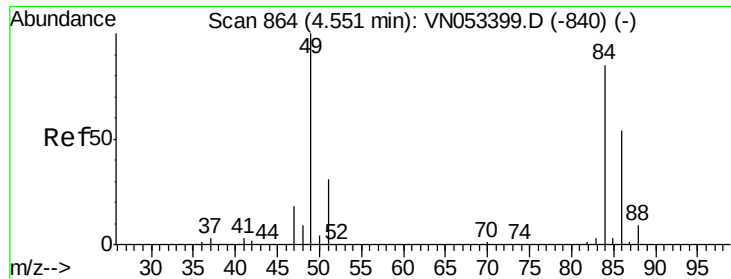
58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

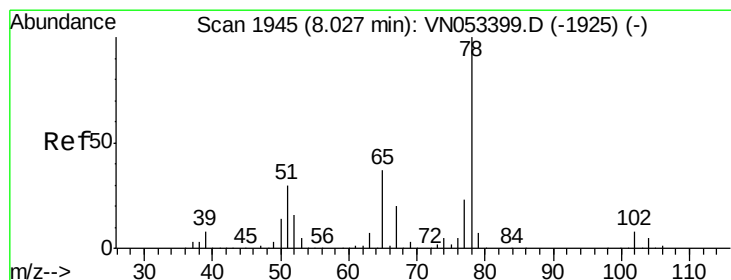
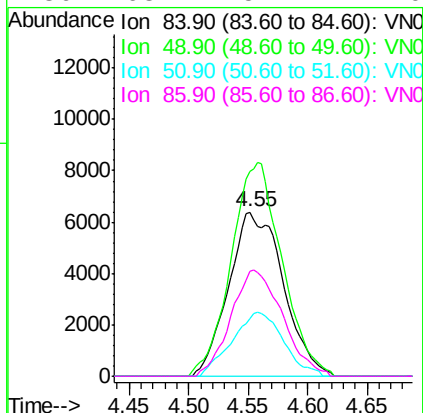
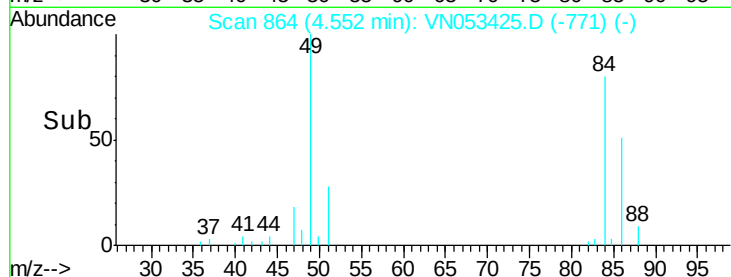
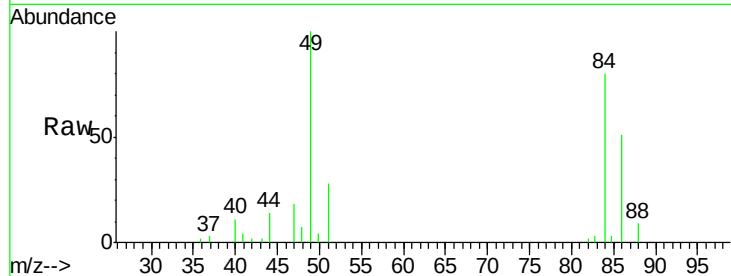




#20
Methylene Chloride
Concen: 2.022 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053425.D
Acq: 16 Jan 2019 15:14

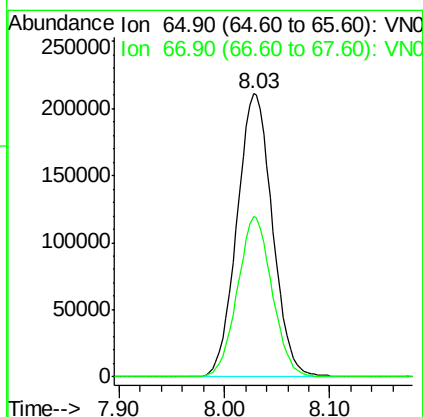
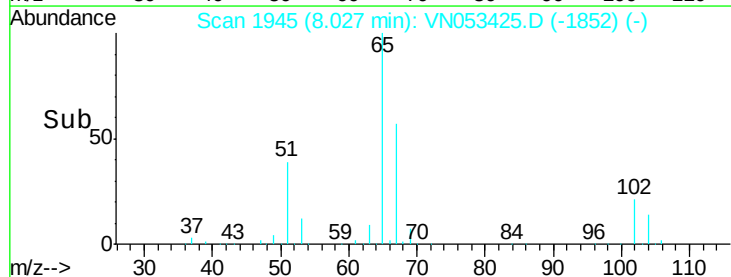
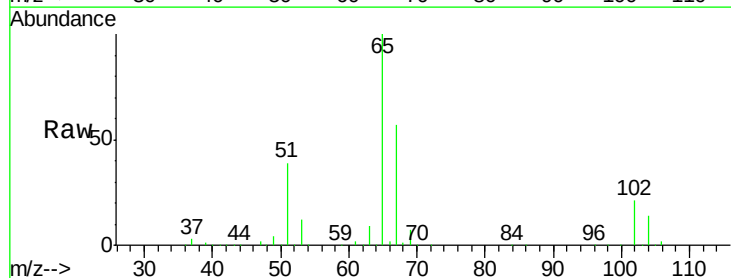
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#08

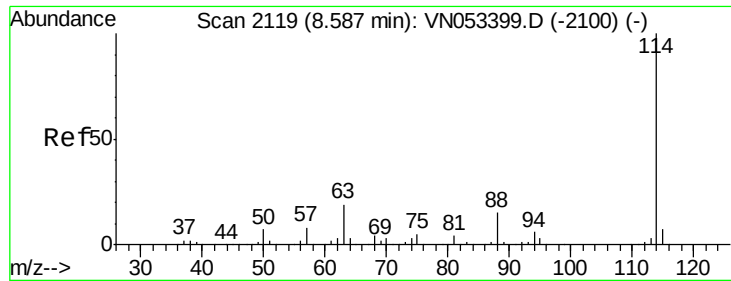
Tot Ion: 84 Resp: 20280
Ion Ratio Lower Upper
84 100
49 124.7 94.3 141.5
51 34.7 29.4 44.2
86 63.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053425.D
Acq: 16 Jan 2019 15:14

Tgt Ion: 65 Resp: 492358
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.2

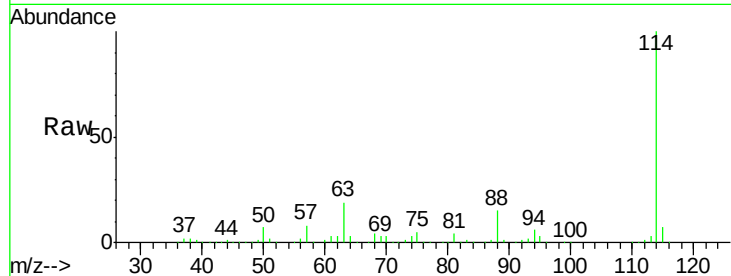




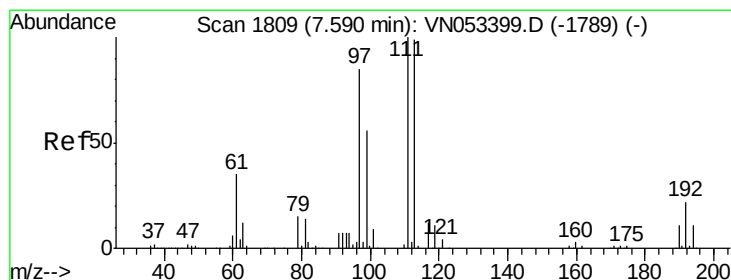
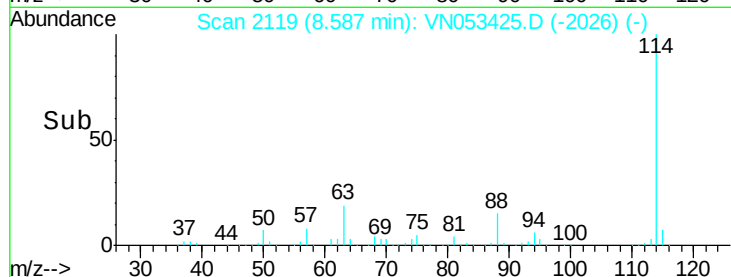
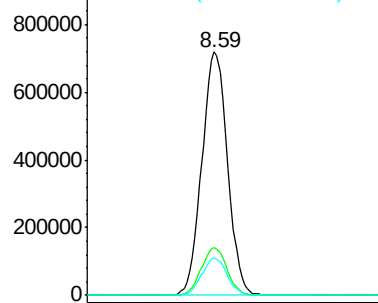
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053425.D
Acq: 16 Jan 2019 15:14

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#08

Tot Ion:114 Resp: 1485417
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.2 0.0 30.4

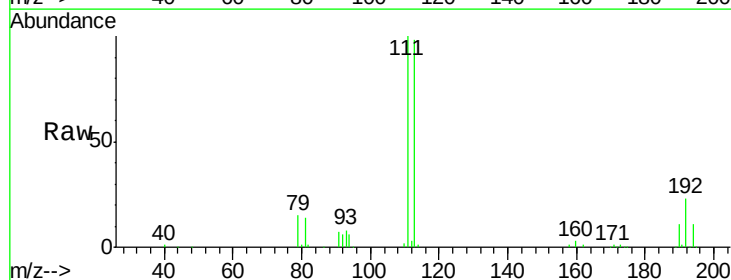


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

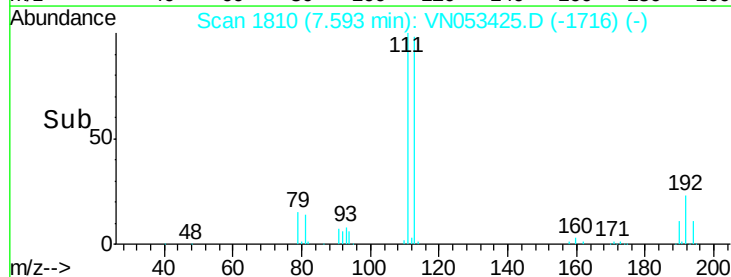
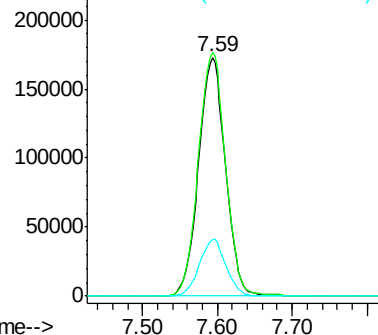


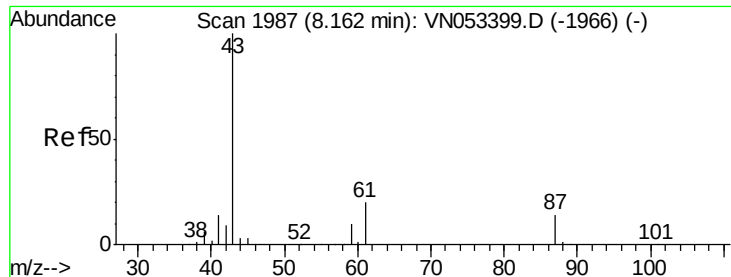
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053425.D
Acq: 16 Jan 2019 15:14

Tgt Ion:113 Resp: 431005
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 23.3 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





#43

Isopropyl Acetate

Concen: 3.901 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053425.D

Acq: 16 Jan 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#08

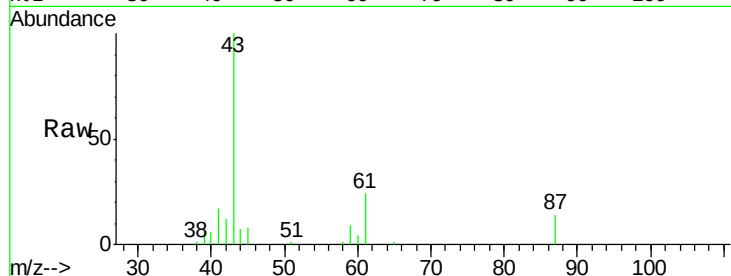
Tot Ion: 43 Resp: 54592

Ion Ratio Lower Upper

43 100

61 19.1 23.9 35.9#

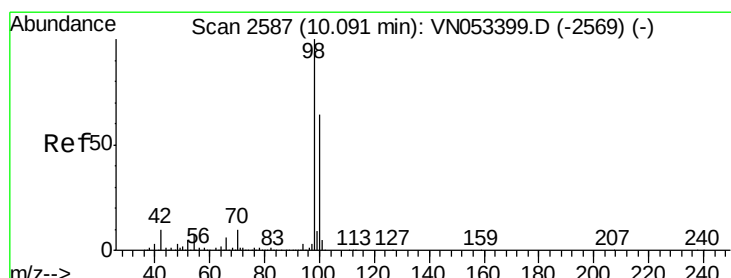
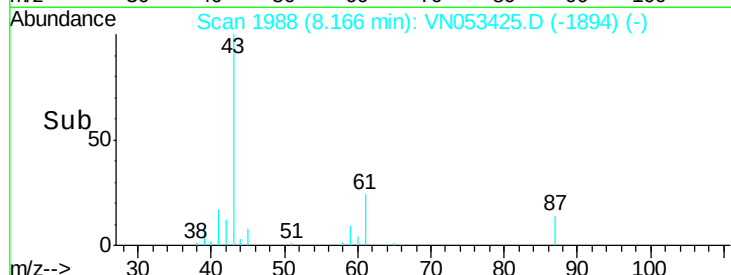
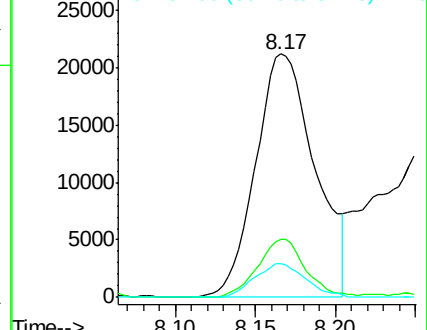
87 11.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053425.D

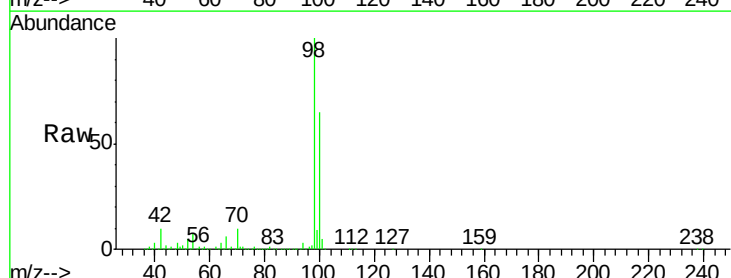
Acq: 16 Jan 2019 15:14

Tgt Ion: 98 Resp: 1860853

Ion Ratio Lower Upper

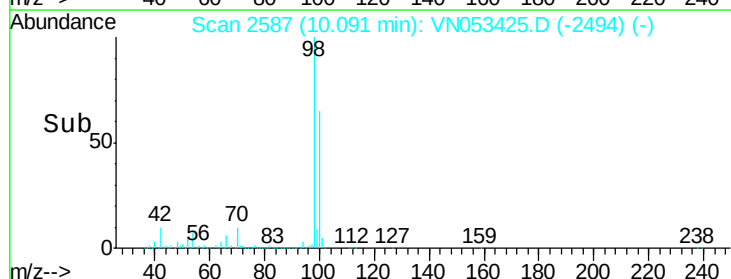
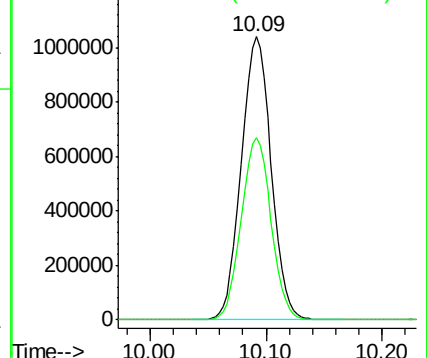
98 100

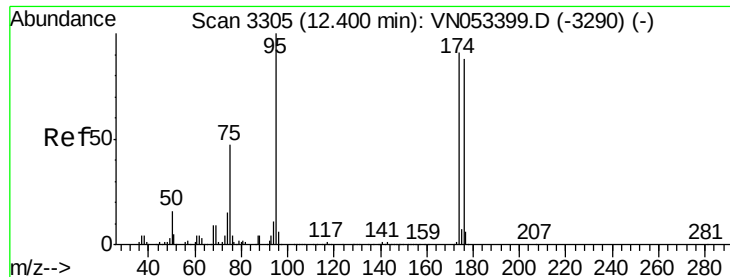
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053425.D

Acq: 16 Jan 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#08

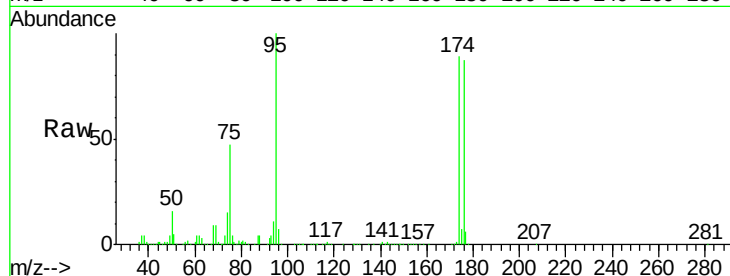
Tot Ion: 95 Resp: 632124

Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.2

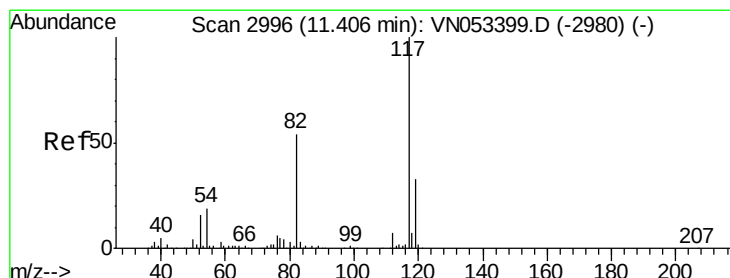
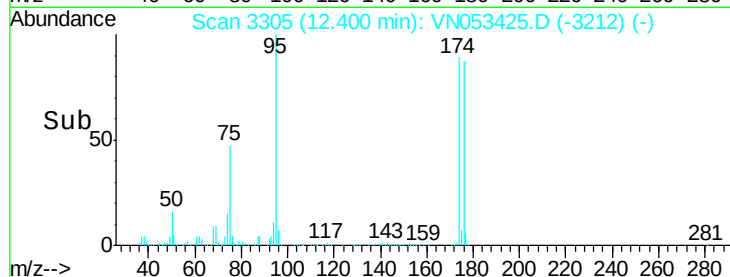
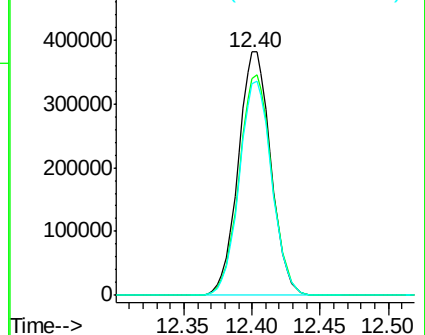
176 87.6 0.0 177.4



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: VN053425.D

Acq: 16 Jan 2019 15:14

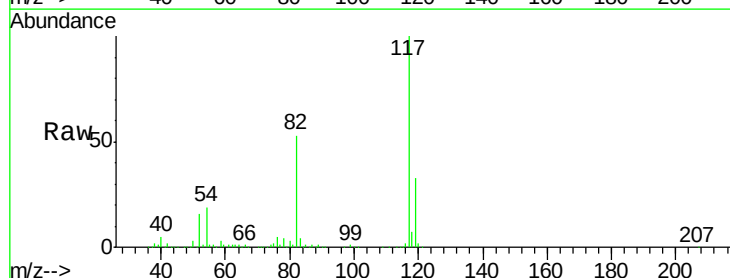
Tgt Ion: 117 Resp: 1394616

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

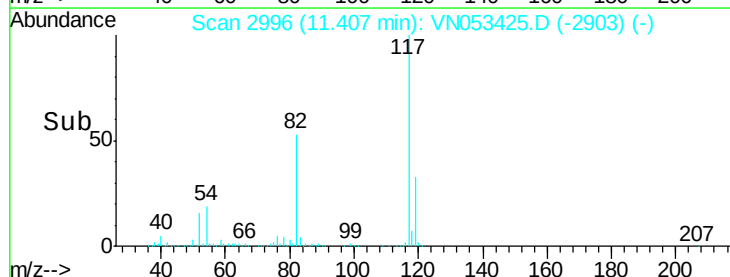
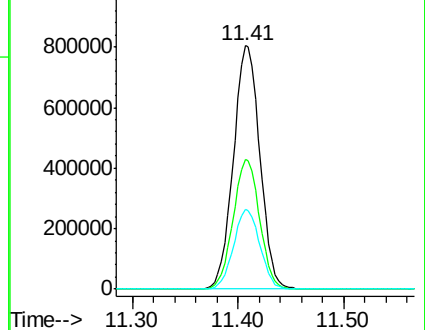
119 32.5 26.0 39.0

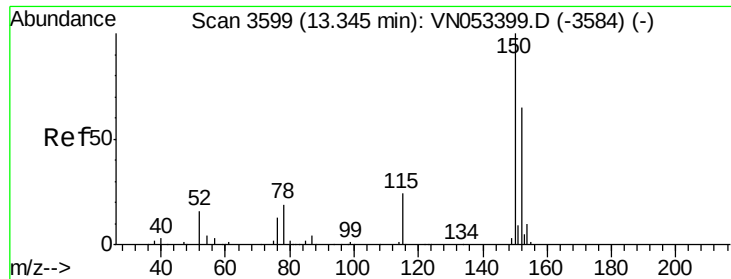


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053425.D

Acq: 16 Jan 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#08

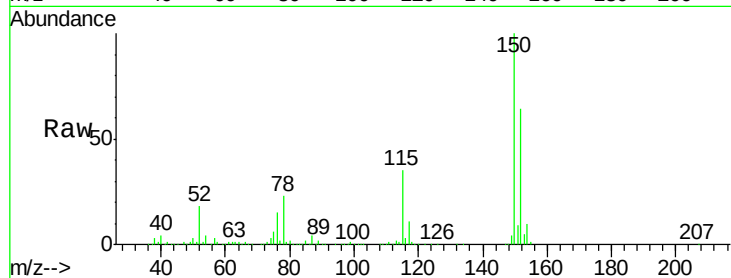
Tot Ion:152 Resp: 588002

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 156.8 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

