

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056830.D
 Acq On : 19 Jul 2019 14:31
 Operator : JC/SP
 Sample : PB121506TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121506TB

Quant Time: Jul 19 23:47:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

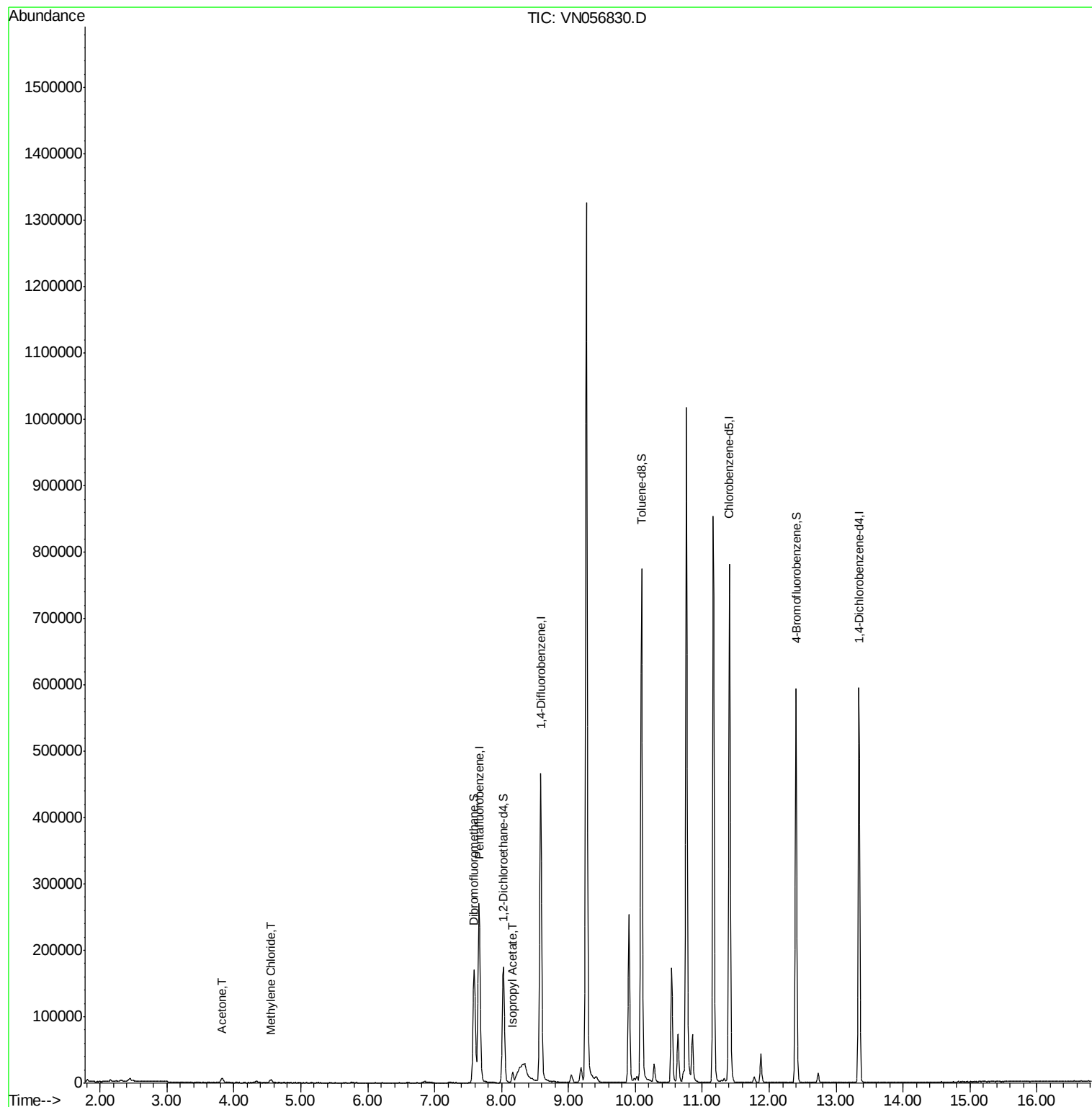
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	244016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	450476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	147113	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	7.59	113	131819	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	10.09	98	574280	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.40	95	210443	57.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.26%	
Target Compounds						
16) Acetone	3.82	43	12728	10.233	ug/l	97
20) Methylene Chloride	4.56	84	3857	1.419	ug/l	85
43) Isopropyl Acetate	8.16	43	16722	2.589	ug/l #	92

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

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056830.D

Acq: 19 Jul 2019 14:31

Instrument :

MSVOA_N

ClientSampled :

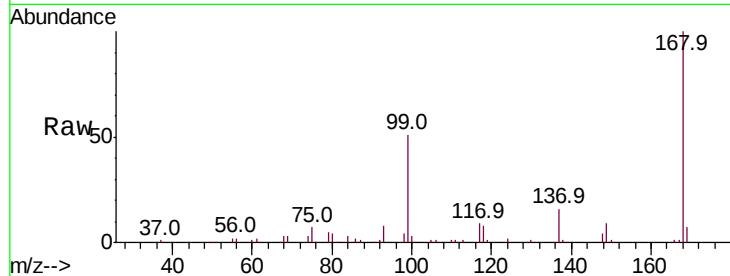
PB121506TB

Tot Ion:168 Resp: 244016

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

100000

80000

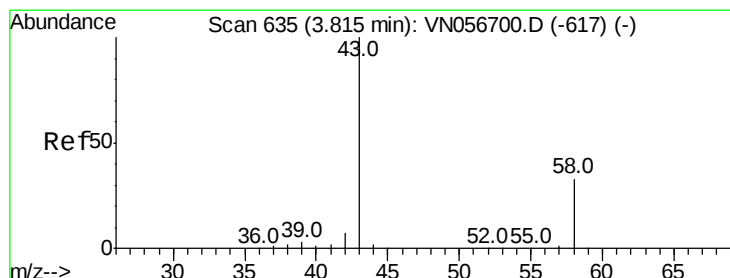
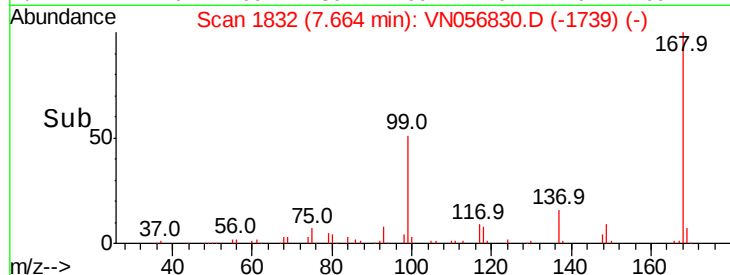
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.233 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056830.D

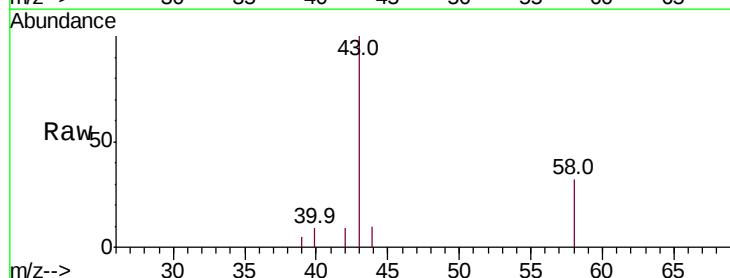
Acq: 19 Jul 2019 14:31

Tgt Ion: 43 Resp: 12728

Ion Ratio Lower Upper

43 100

58 31.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

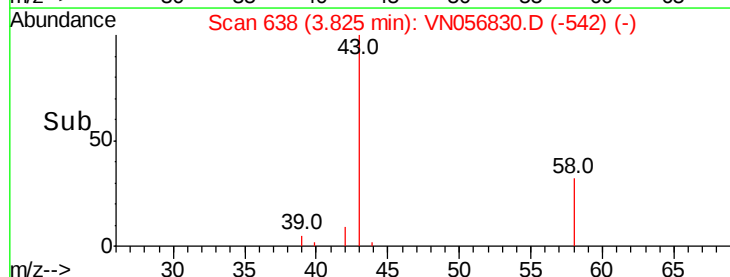
3000

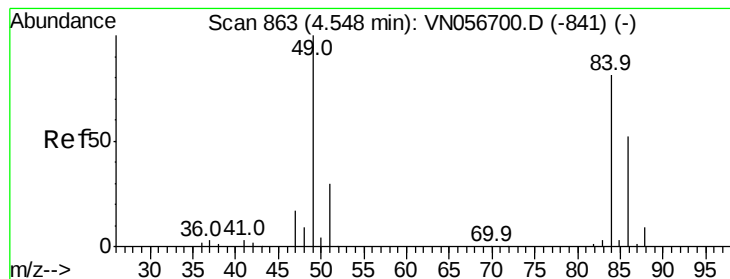
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 1.419 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN056830.D

Acq: 19 Jul 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB121506TB

Tot Ion: 84 Resp: 3857

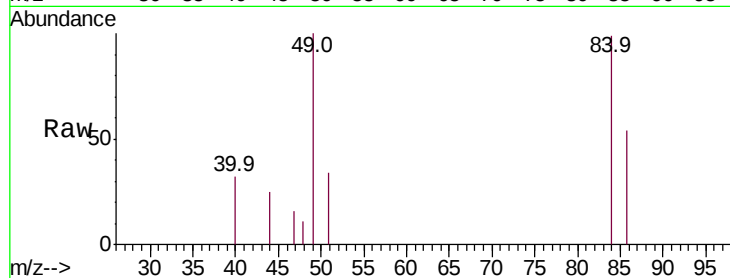
Ion Ratio Lower Upper

84 100

49 100.7 98.2 147.4

51 33.8 29.6 44.4

86 54.1 51.0 76.4

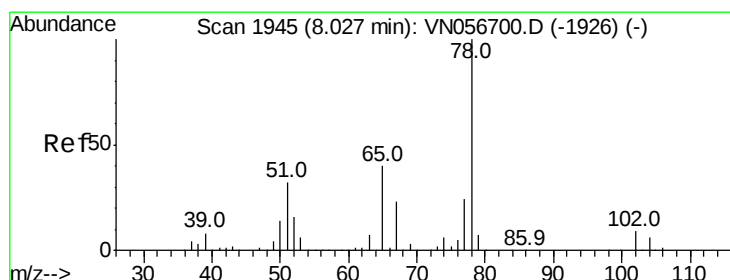
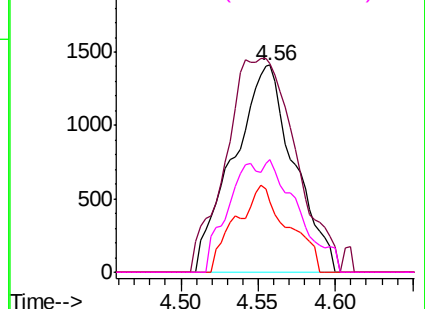
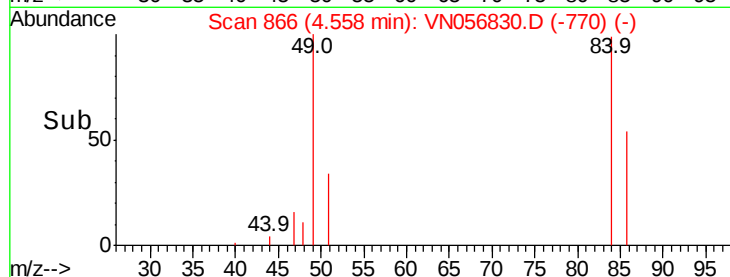


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.503 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056830.D

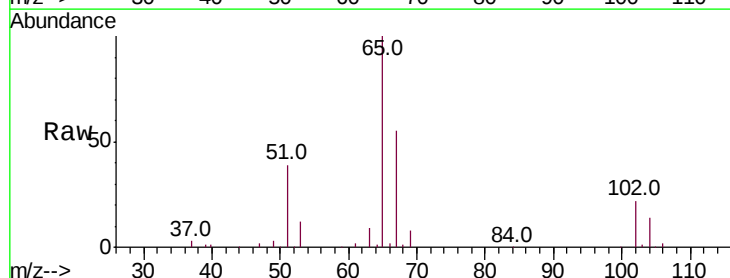
Acq: 19 Jul 2019 14:31

Tgt Ion: 65 Resp: 147113

Ion Ratio Lower Upper

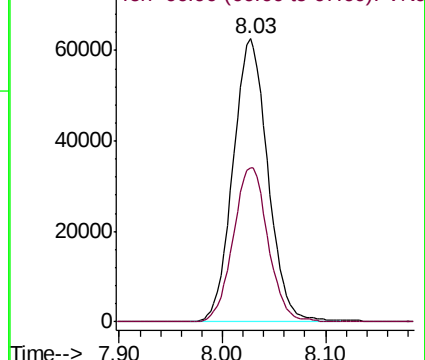
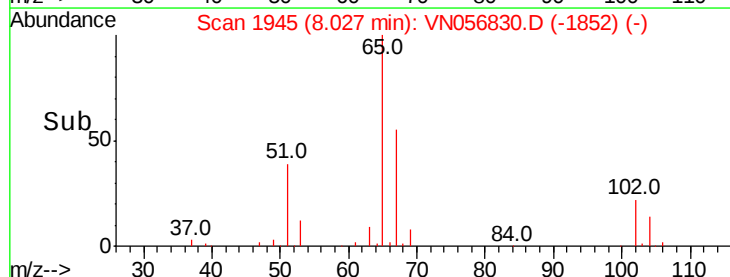
65 100

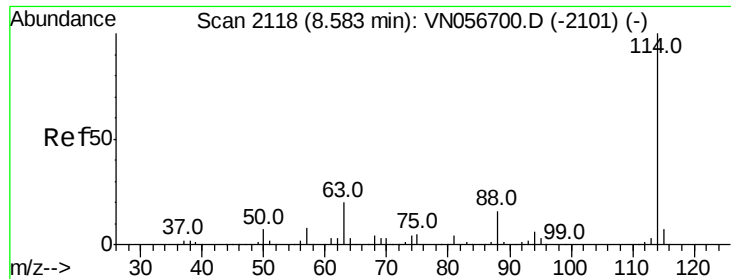
67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

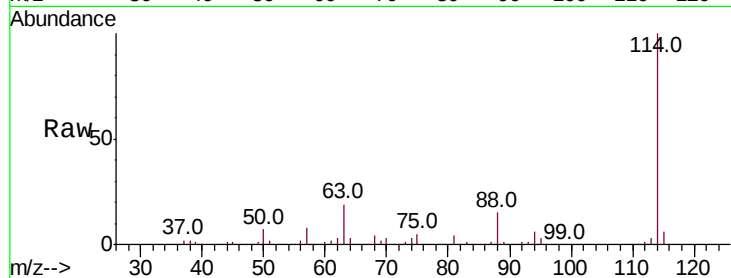




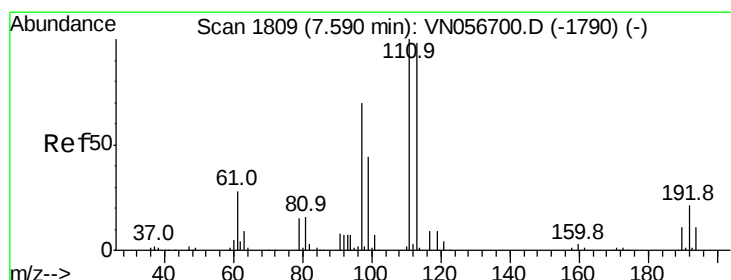
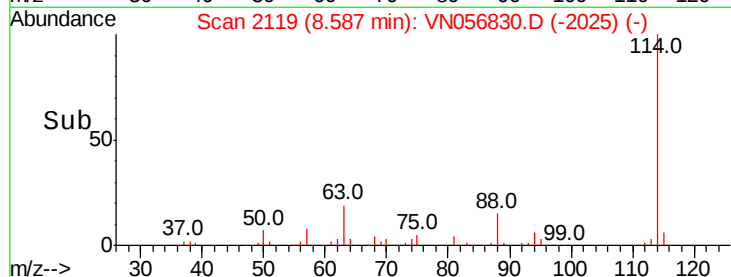
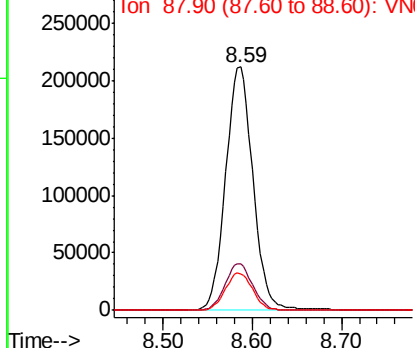
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056830.D
 Acq: 19 Jul 2019 14:31

Instrument :
 MSVOA_N
 ClientSampled :
 PB121506TB

Tot Ion:114 Resp: 450476
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 15.1 0.0 31.2

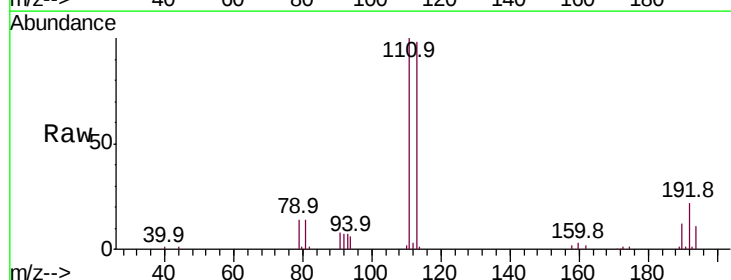


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

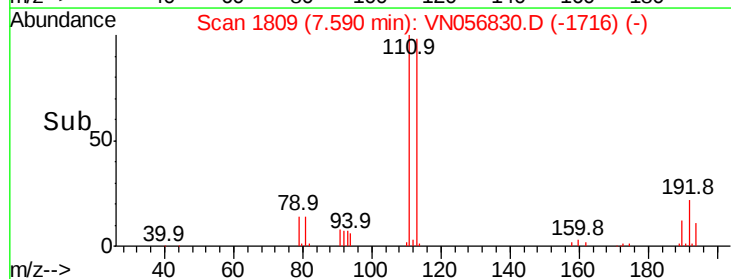
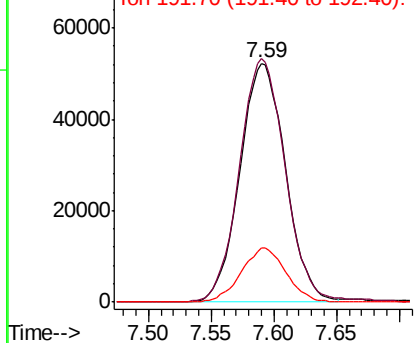


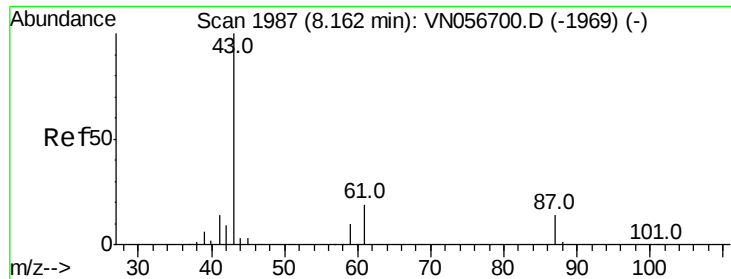
#35
 Dibromofluoromethane
 Concen: 47.021 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056830.D
 Acq: 19 Jul 2019 14:31

Tgt Ion:113 Resp: 131819
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 22.3 17.5 26.3



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: 2.589 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056830.D

Acq: 19 Jul 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB121506TB

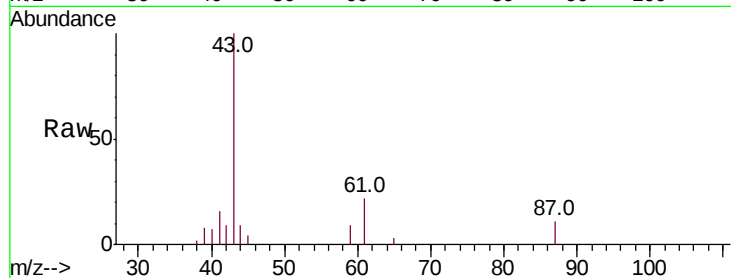
Tot Ion: 43 Resp: 16722

Ion Ratio Lower Upper

43 100

61 22.1 22.3 33.5#

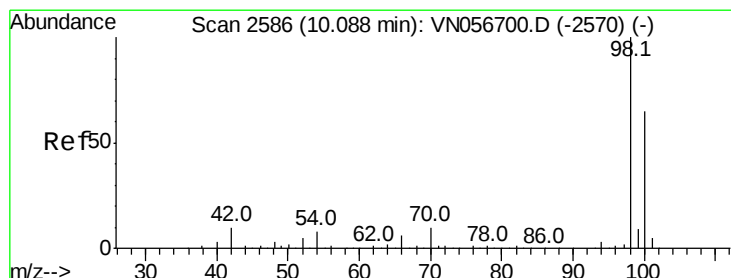
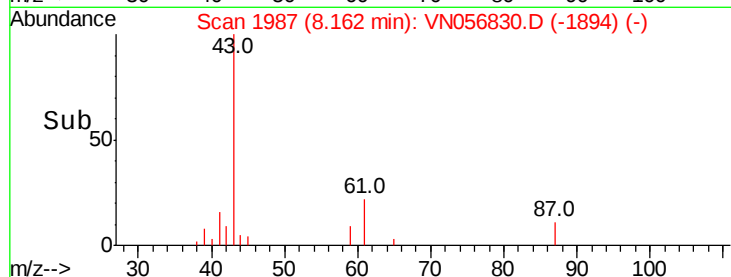
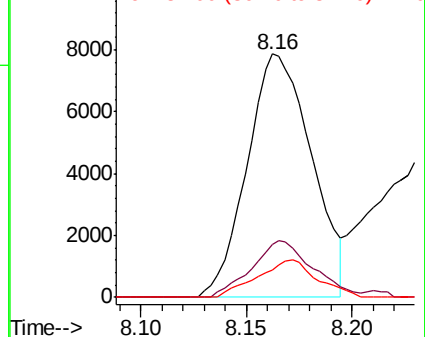
87 14.3 11.1 16.7



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: 53.039 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056830.D

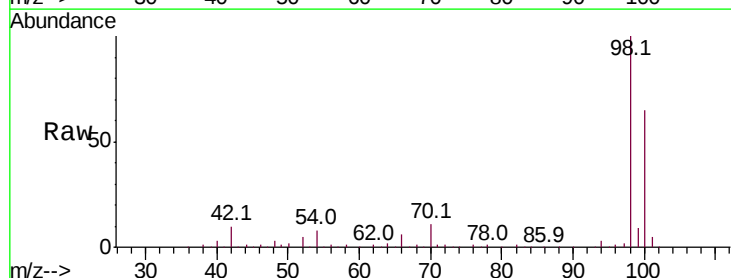
Acq: 19 Jul 2019 14:31

Tgt Ion: 98 Resp: 574280

Ion Ratio Lower Upper

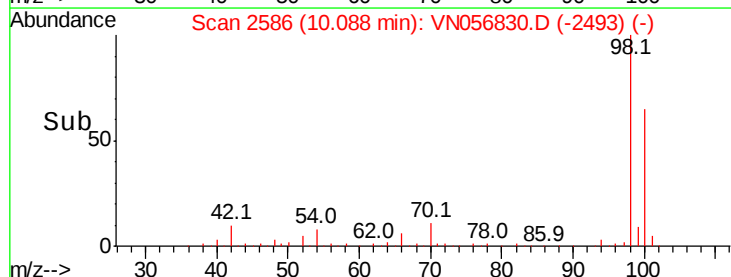
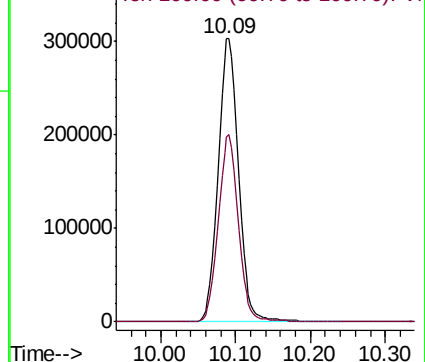
98 100

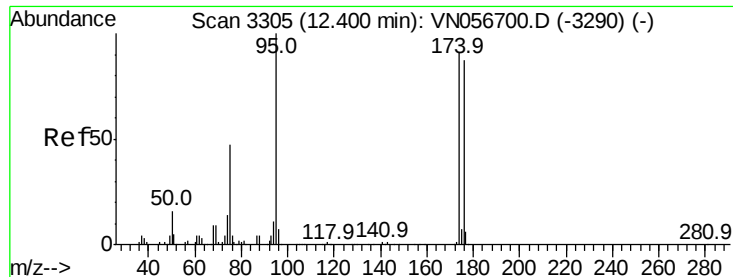
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.634 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056830.D

Acq: 19 Jul 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB121506TB

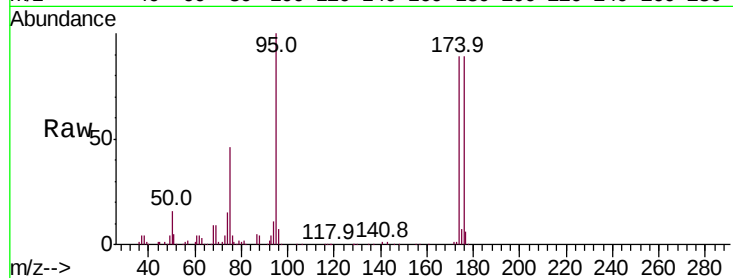
Tot Ion: 95 Resp: 210443

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

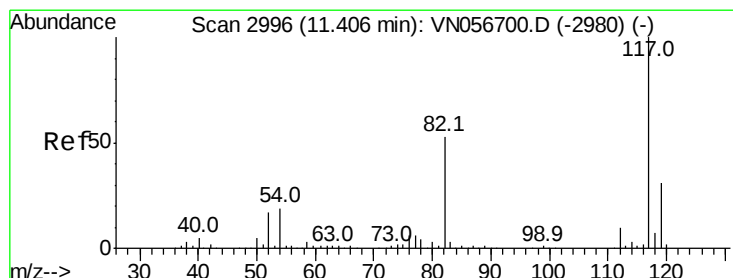
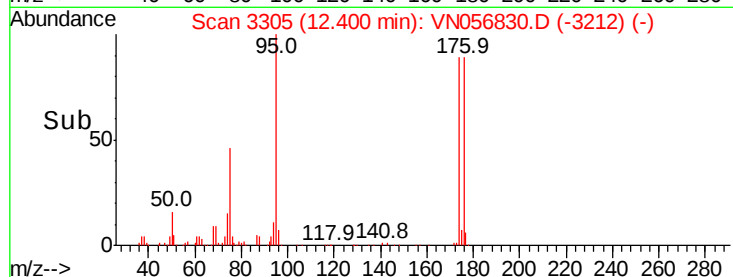
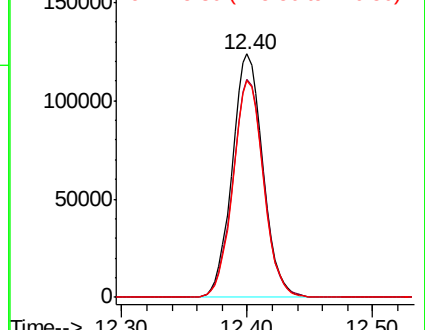
176 88.2 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056830.D

Acq: 19 Jul 2019 14:31

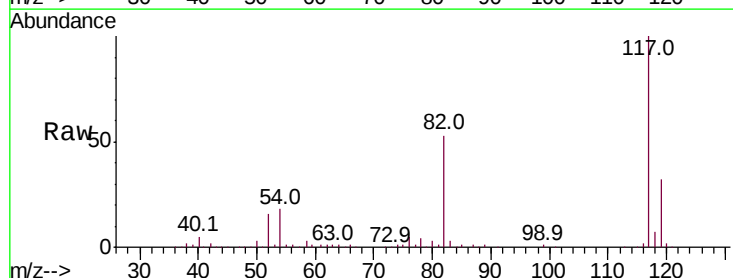
Tgt Ion: 117 Resp: 492462

Ion Ratio Lower Upper

117 100

82 52.7 42.2 63.2

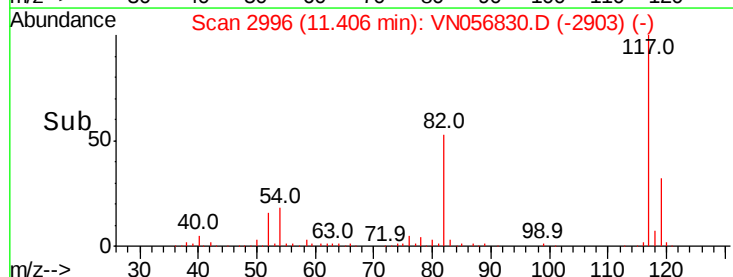
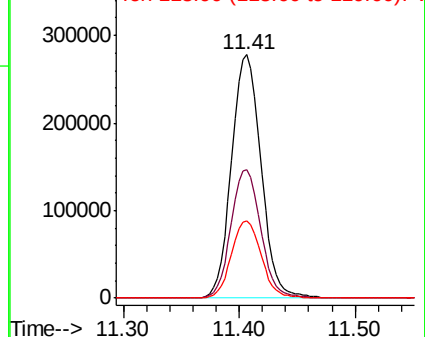
119 31.8 25.2 37.8

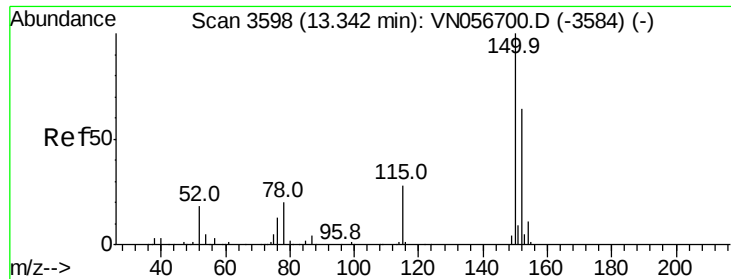


Abundance Ion 116.90 (116.60 to 117.60): VN056700.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN056700.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN056700.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056830.D

Acq: 19 Jul 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB121506TB

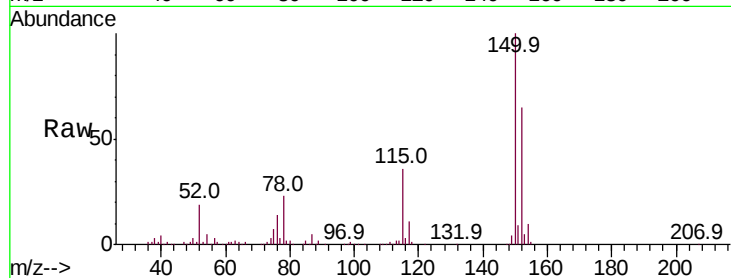
Tot Ion:152 Resp: 173469

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 155.1 0.0 345.8



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

