

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056477.D
 Acq On : 25 Jun 2019 11:34
 Operator : JC/SP
 Sample : PB120881ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881ZHE#09

Quant Time: Jun 26 04:15:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

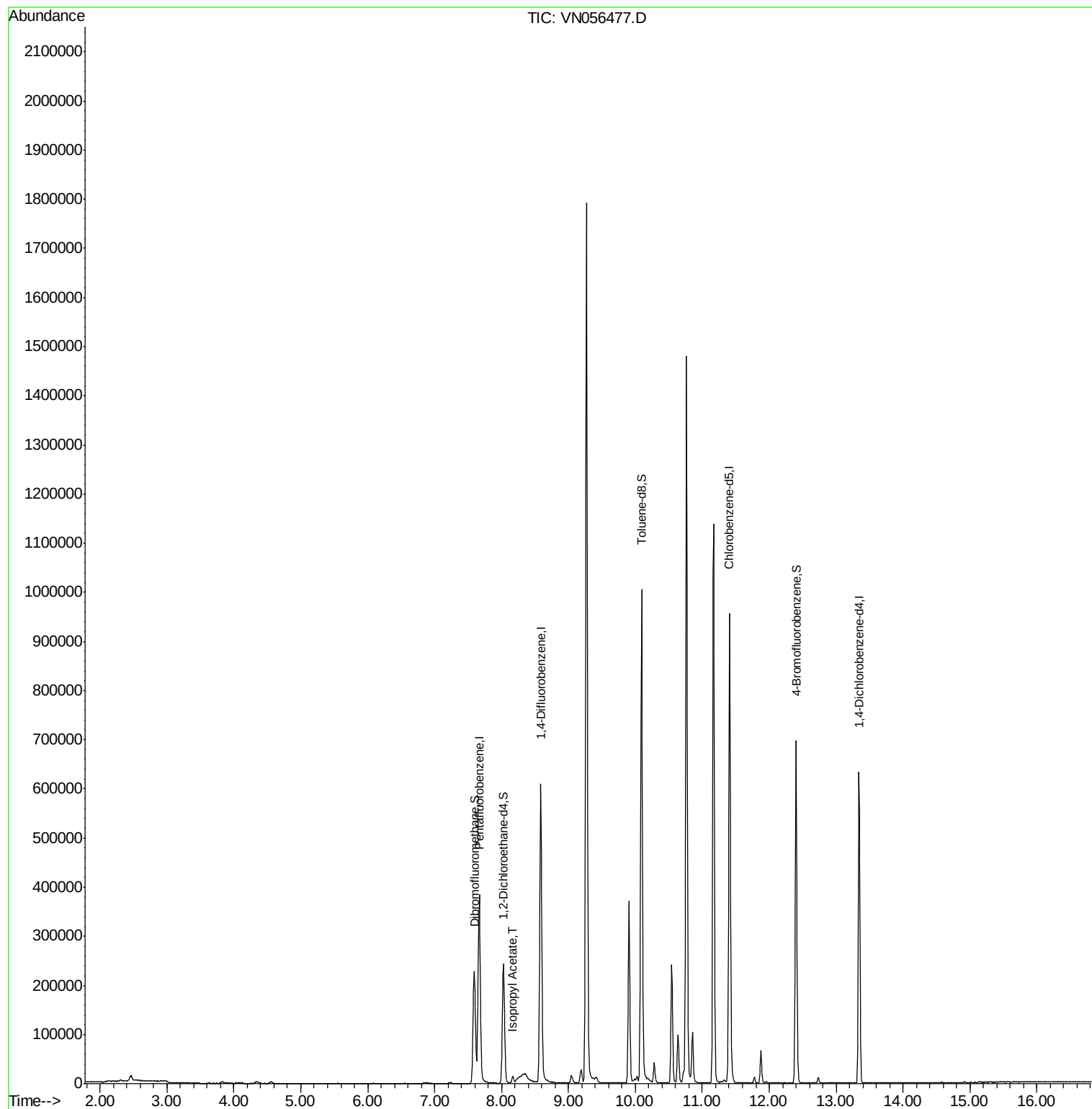
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	355844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	597297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	606181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202406	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	178313	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.09	98	753354	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	249026	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	17213	2.161	ug/l #	92

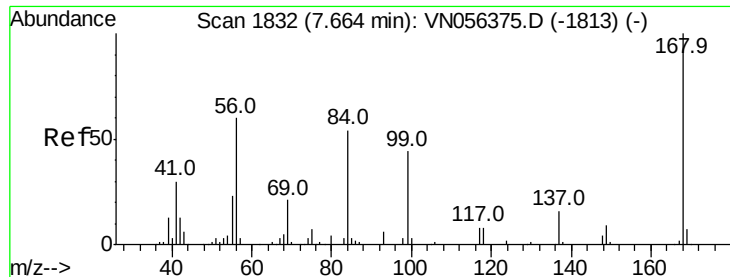
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056477.D

Acq: 25 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

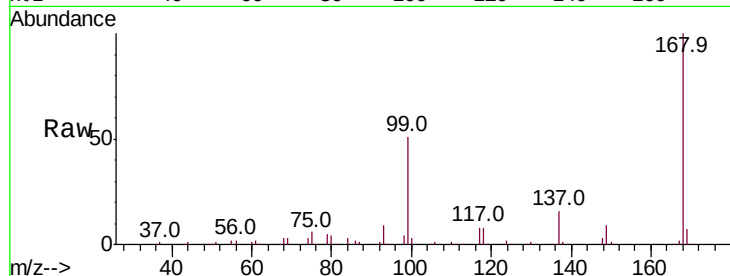
PB120881ZHE#09

Tot Ion:168 Resp: 355844

Ion Ratio Lower Upper

168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056477.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056477.D (-1739) (-)

7.67

150000

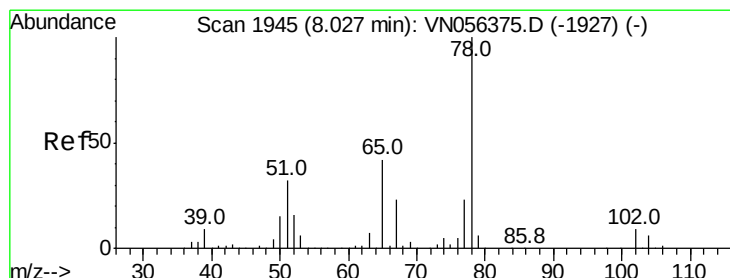
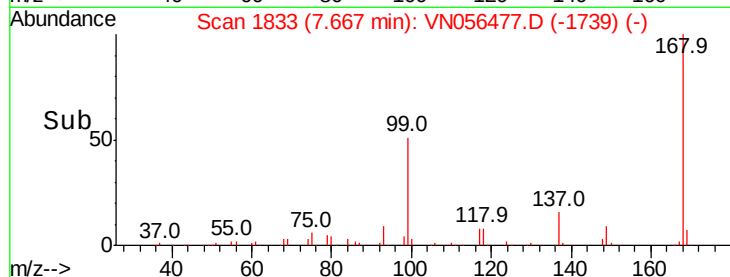
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.322 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056477.D

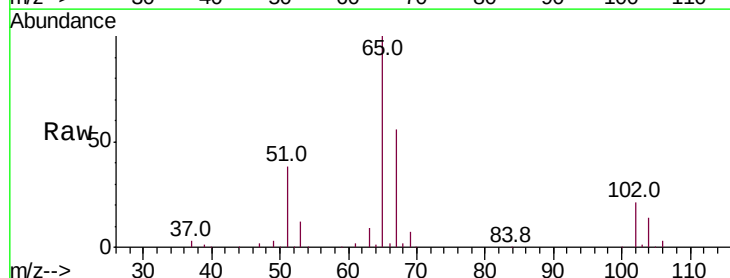
Acq: 25 Jun 2019 11:34

Tgt Ion: 65 Resp: 202406

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056477.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056477.D (-1852) (-)

8.03

100000

80000

60000

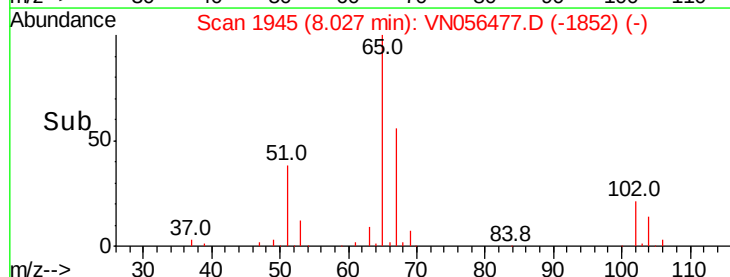
40000

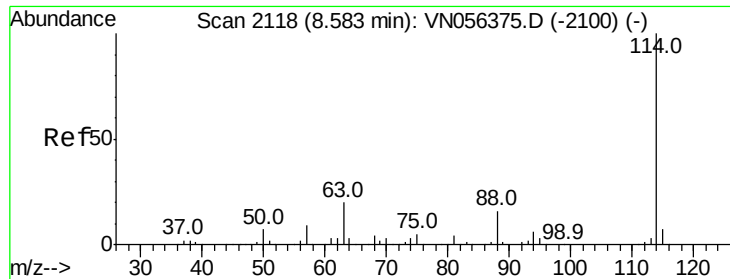
20000

0

7.90 8.00 8.10

Time-->

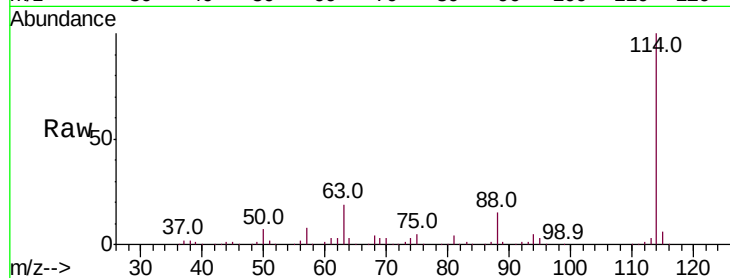




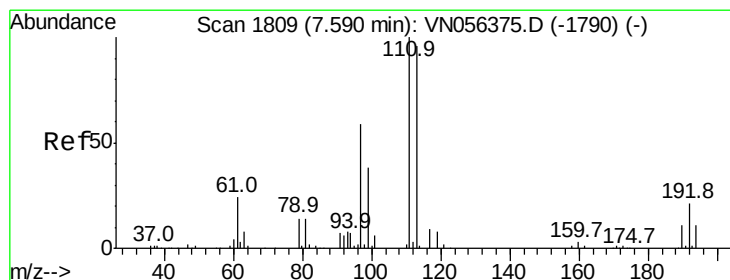
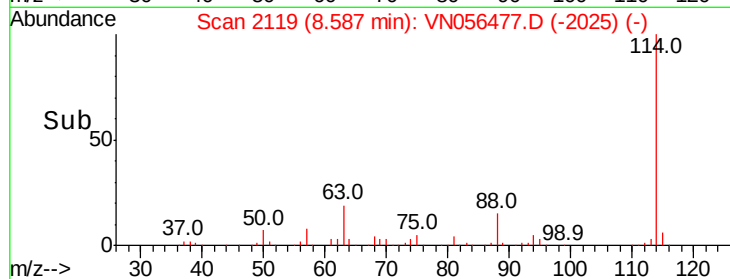
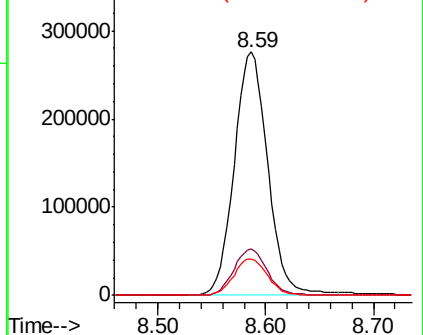
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056477.D
 Acq: 25 Jun 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881ZHE#09

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.2
88	15.1	0.0	31.4

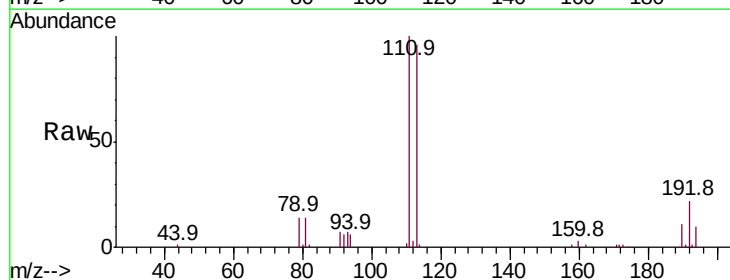


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

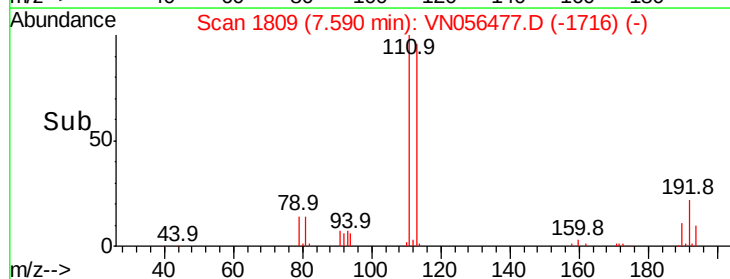
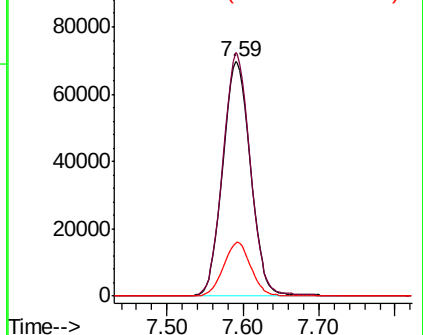


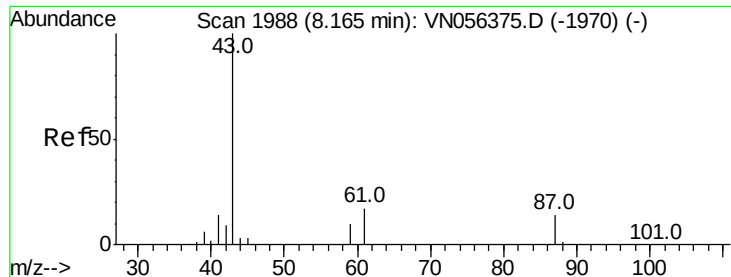
#35
 Dibromofluoromethane
 Concen: 47.855 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056477.D
 Acq: 25 Jun 2019 11:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	22.3	17.7	26.5



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: 2.161 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056477.D

Acq: 25 Jun 2019 11:34

Instrument :

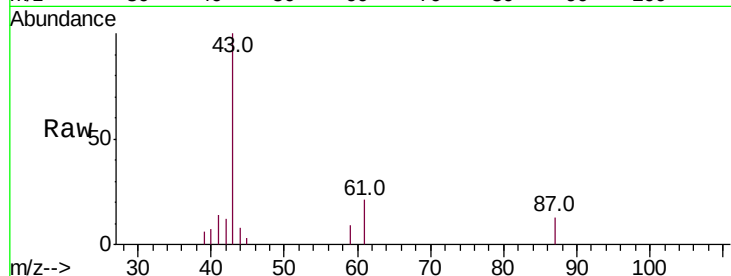
MSVOA_N

ClientSampleId :

PB120881ZHE#09

Tot Ion: 43 Resp: 17213

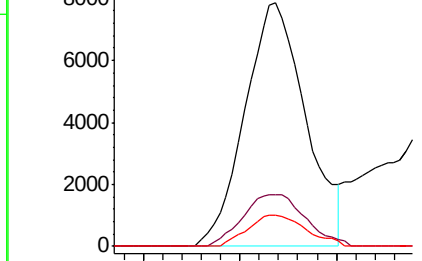
Ion	Ratio	Lower	Upper
43	100		
61	21.9	22.0	33.0#
87	12.1	11.0	16.4



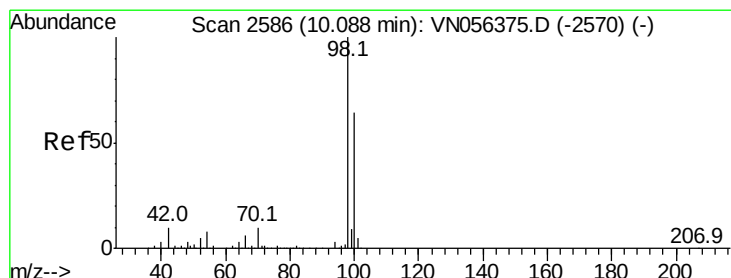
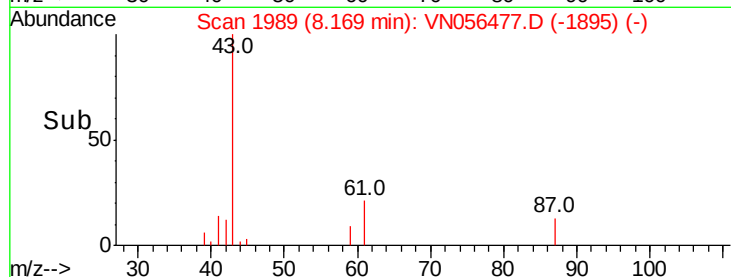
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->



#50

Toluene-d8

Concen: 51.960 ug/l

RT: 10.09 min Scan# 2587

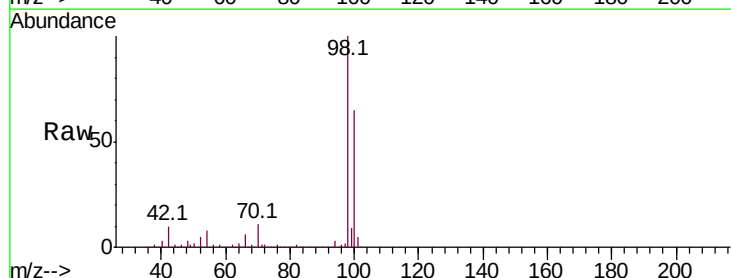
Delta R.T. 0.00 min

Lab File: VN056477.D

Acq: 25 Jun 2019 11:34

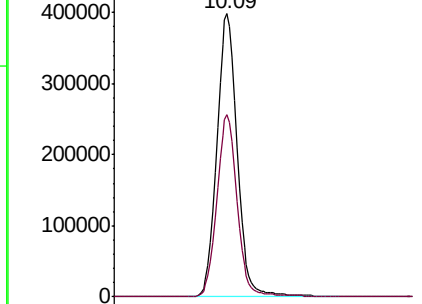
Tgt Ion: 98 Resp: 753354

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2

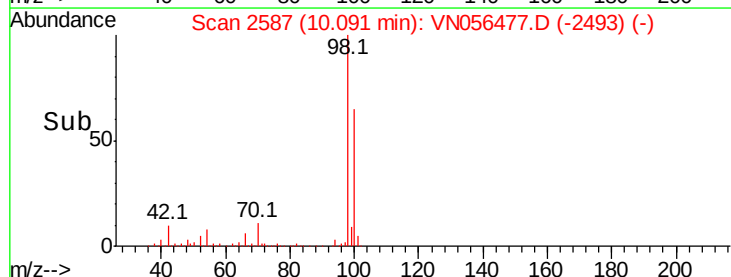


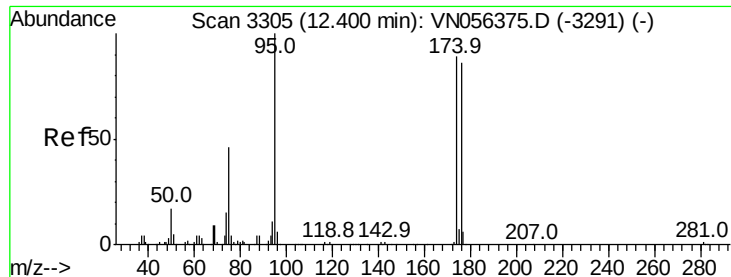
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 51.523 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056477.D

Acq: 25 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#09

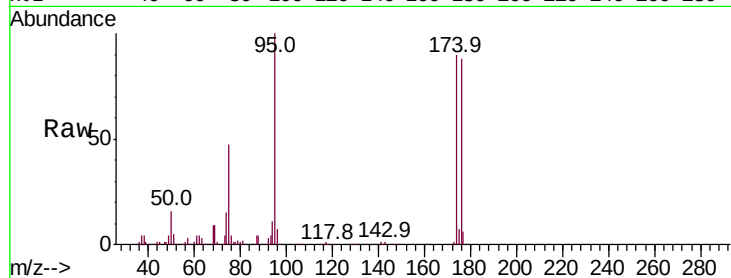
Tot Ion: 95 Resp: 249026

Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.4

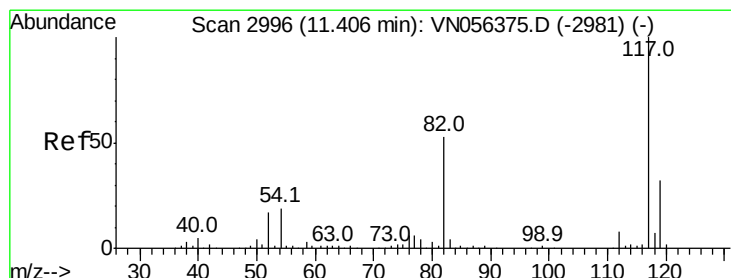
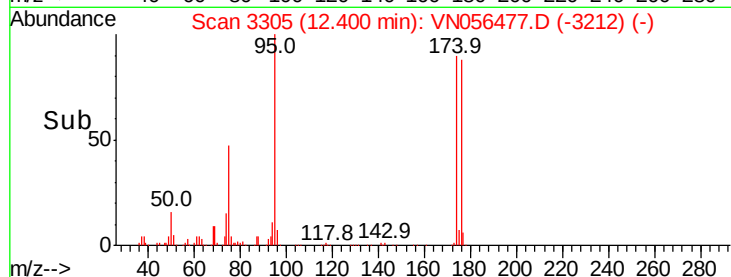
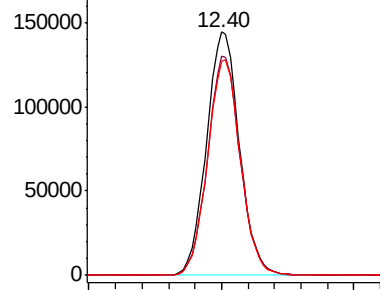
176 88.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056477.D

Acq: 25 Jun 2019 11:34

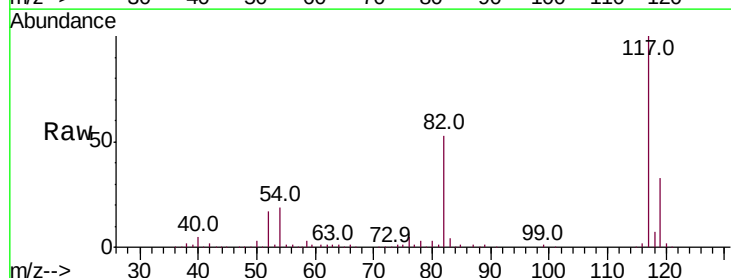
Tgt Ion: 117 Resp: 606181

Ion Ratio Lower Upper

117 100

82 52.9 42.0 63.0

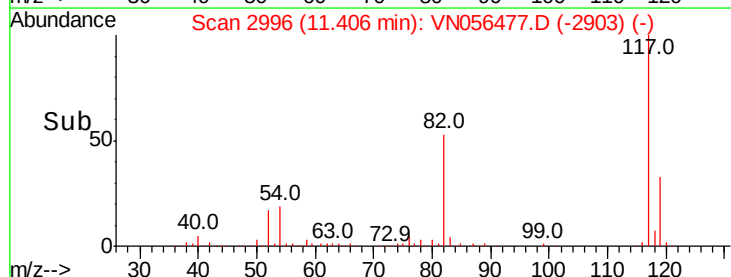
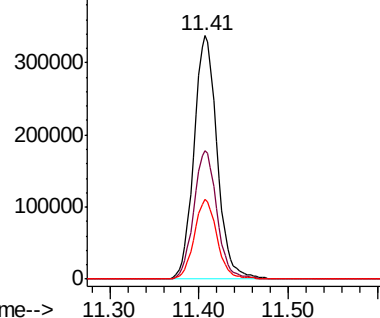
119 32.7 25.3 37.9

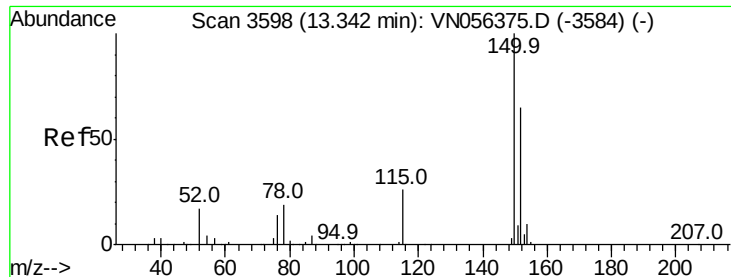


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056477.D

Acq: 25 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#09

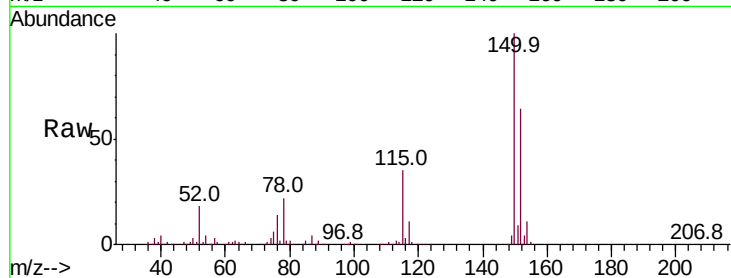
Tot Ion:152 Resp: 183262

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.4

150 156.2 0.0 348.4



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

