

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056501.D
 Acq On : 26 Jun 2019 13:14
 Operator : JC/SP
 Sample : K3539-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-J-B-UNTREATED

Quant Time: Jun 27 09:43:36 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

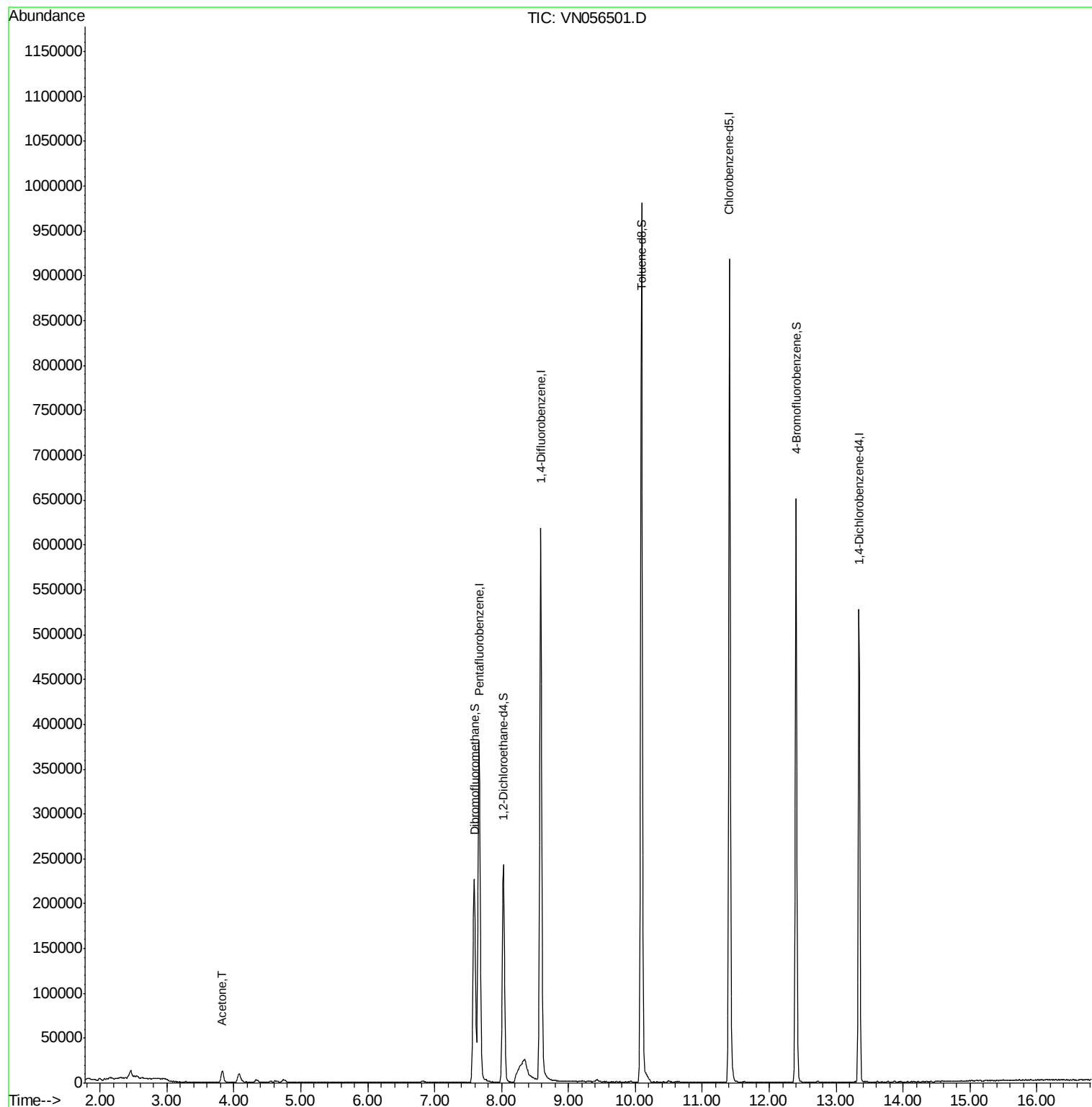
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	351601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	598101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	204645	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
35) Dibromofluoromethane	7.59	113	176690	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	10.09	98	735955	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	228721	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
16) Acetone	3.83	43	6247	3.200	ug/l #	Qvalue 81

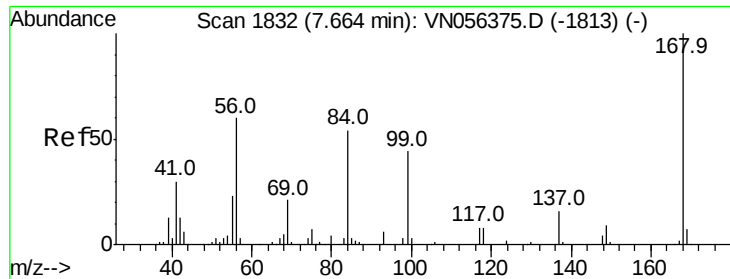
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056501.D

Acq: 26 Jun 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

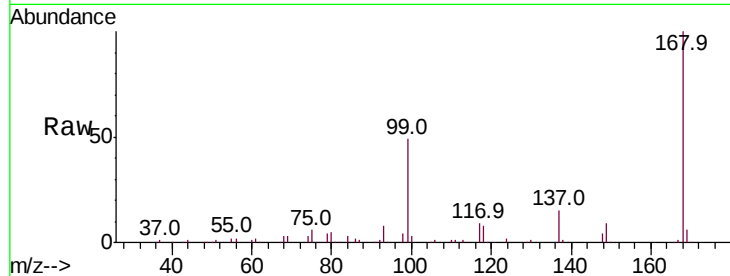
MH-J-B-UNTREATED

Tot Ion:168 Resp: 351601

Ion Ratio Lower Upper

168 100

99 48.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056501.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056501.D (-1739) (-)

7.66

150000

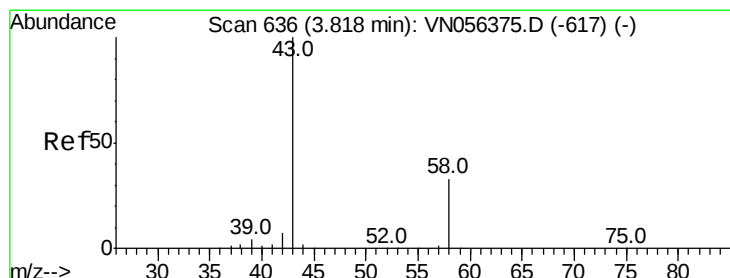
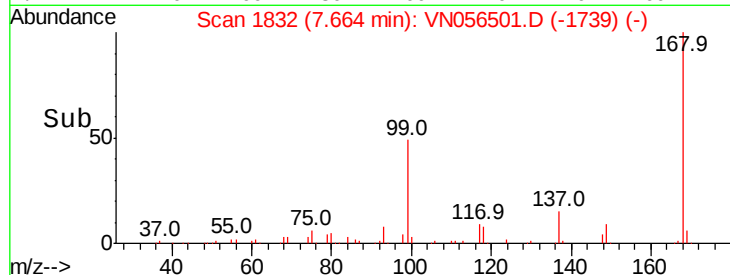
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 3.200 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN056501.D

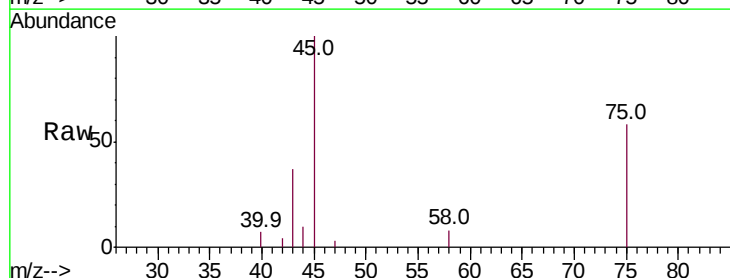
Acq: 26 Jun 2019 13:14

Tgt Ion: 43 Resp: 6247

Ion Ratio Lower Upper

43 100

58 22.3 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VN056501.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056501.D (-543) (-)

3.83

2500

2000

1500

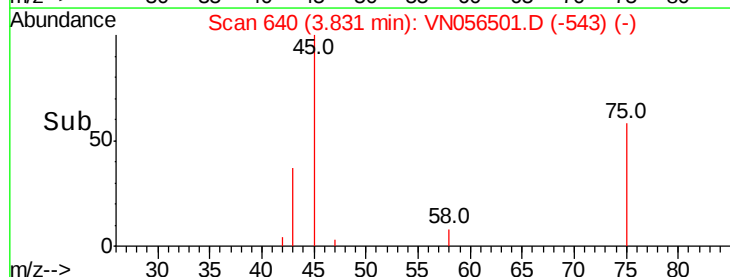
1000

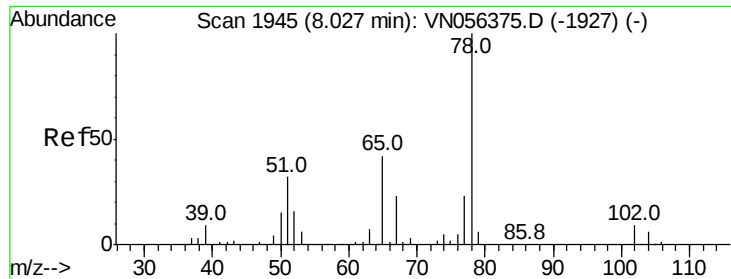
500

0

3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.516 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056501.D

Acq: 26 Jun 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

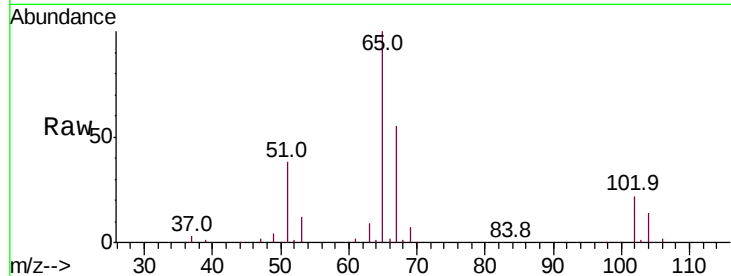
MH-J-B-UNTREATED

Tot Ion: 65 Resp: 204645

Ion Ratio Lower Upper

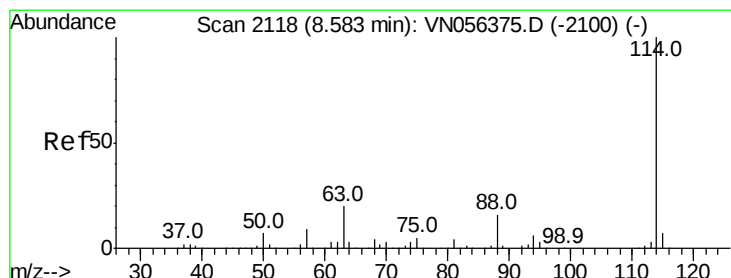
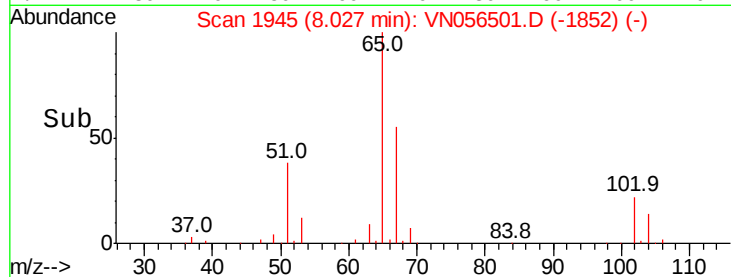
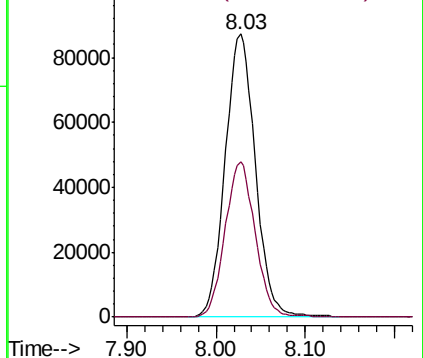
65 100

67 54.7 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056501.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056501.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056501.D

Acq: 26 Jun 2019 13:14

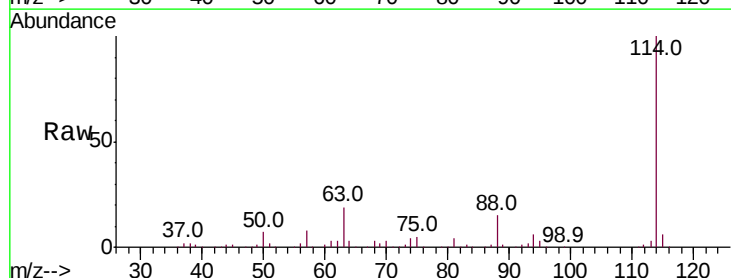
Tgt Ion: 114 Resp: 598101

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

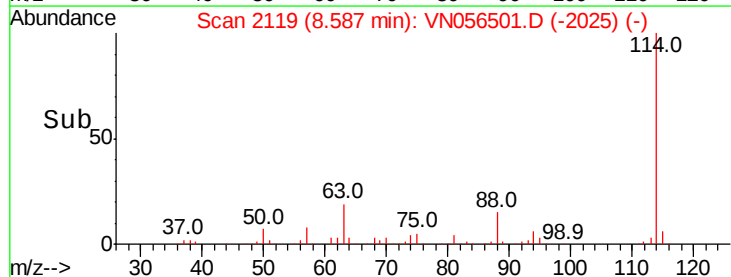
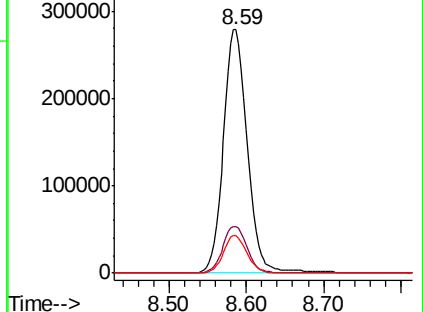
88 15.2 0.0 31.4

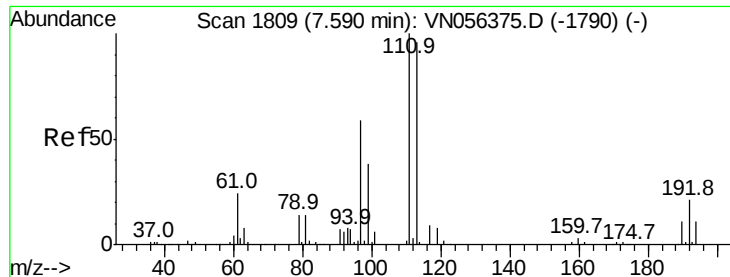


Abundance Ion 113.90 (113.60 to 114.60): VN056501.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN056501.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN056501.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 47.355 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056501.D

Acq: 26 Jun 2019 13:14

Instrument :

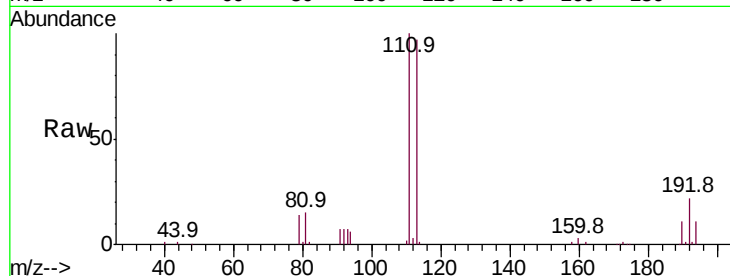
MSVOA_N

ClientSampleId :

MH-J-B-UNTREATED

Tot Ion:113 Resp: 176690

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	22.4	17.7	26.5

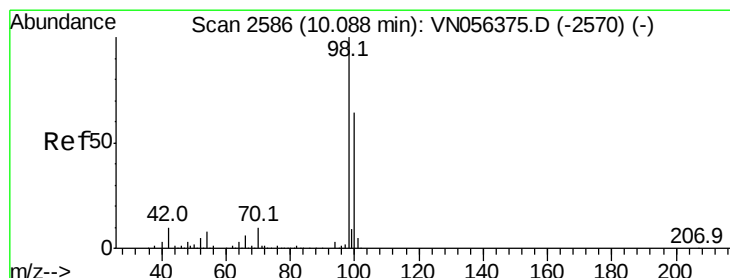
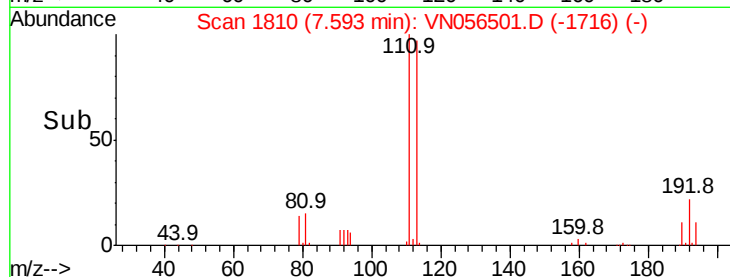
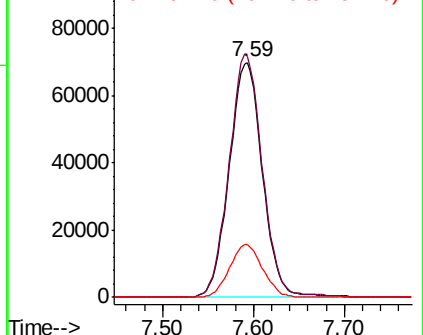


Abundance

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



#50

Toluene-d8

Concen: 50.692 ug/l

RT: 10.09 min Scan# 2586

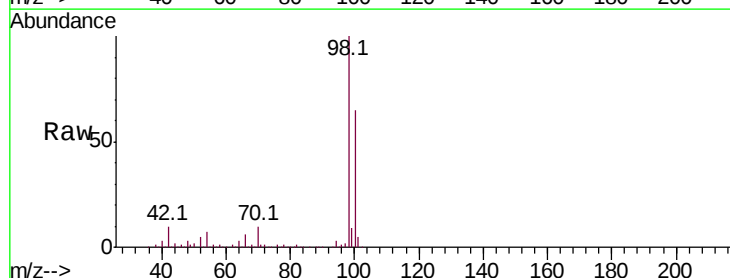
Delta R.T. 0.00 min

Lab File: VN056501.D

Acq: 26 Jun 2019 13:14

Tgt Ion: 98 Resp: 735955

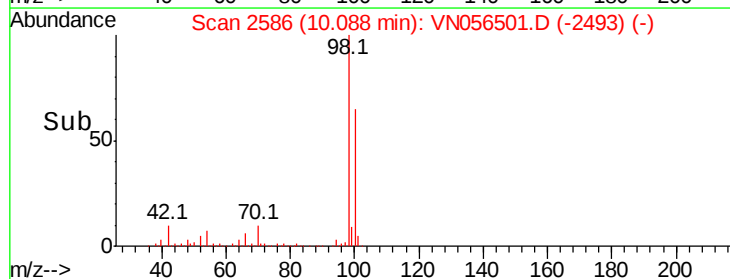
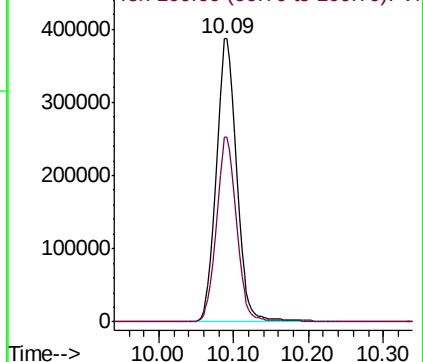
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

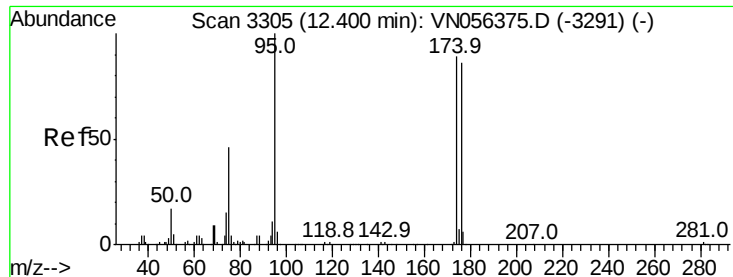


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.259 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056501.D

Acq: 26 Jun 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

MH-J-B-UNTREATED

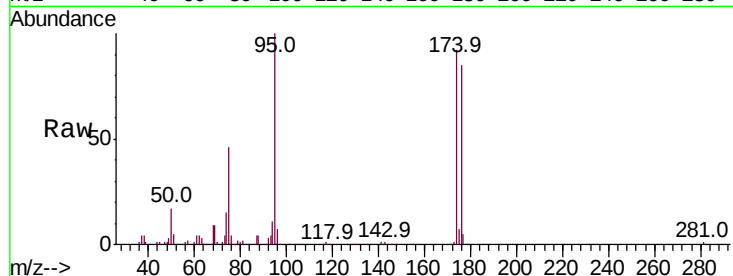
Tot Ion: 95 Resp: 228721

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.4

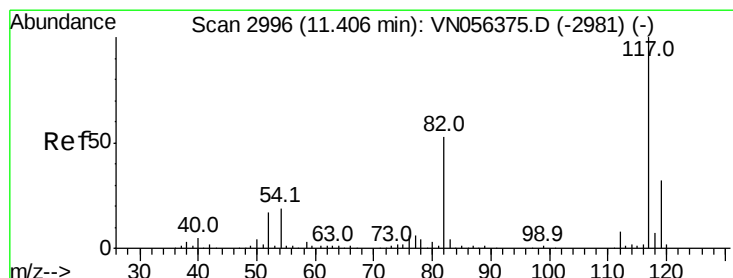
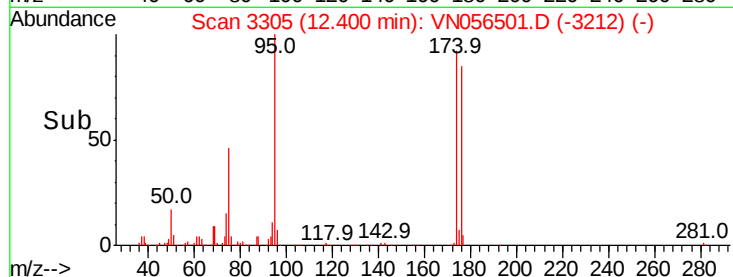
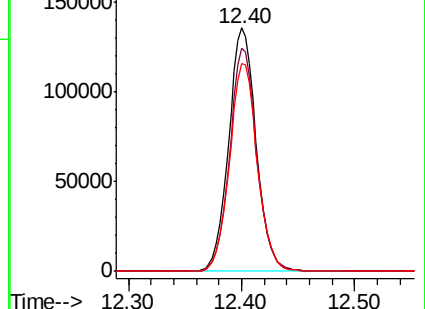
176 86.1 0.0 173.4



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: VN056501.D

Acq: 26 Jun 2019 13:14

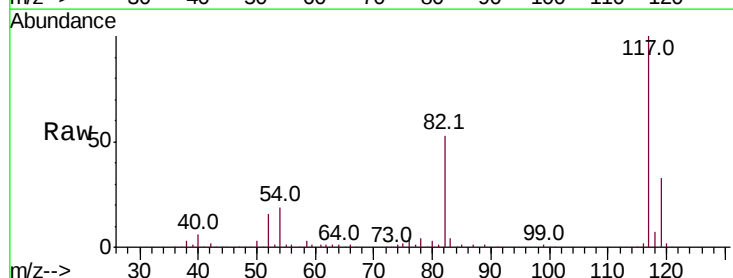
Tgt Ion: 117 Resp: 575548

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

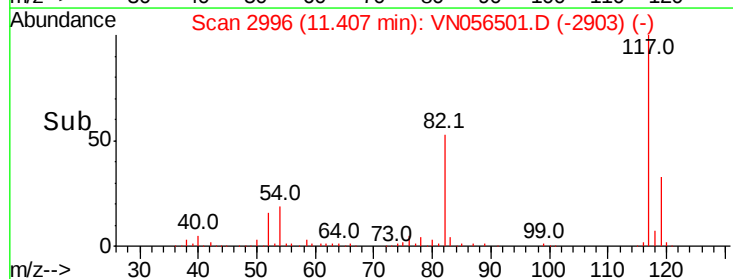
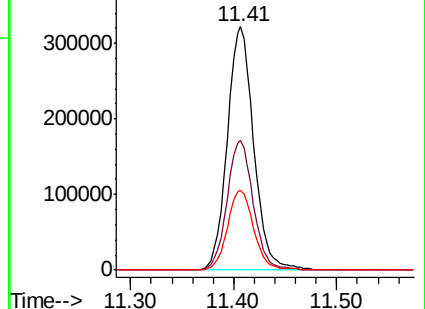
119 32.9 25.3 37.9

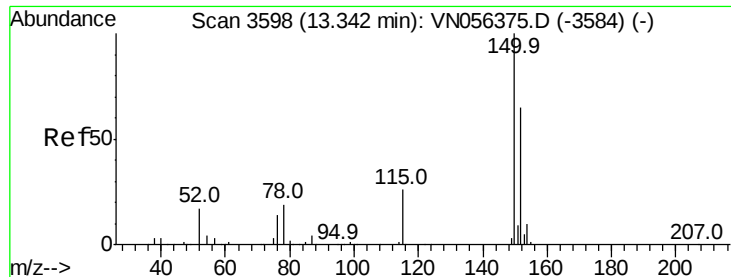


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

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: VN056501.D

Acq: 26 Jun 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

MH-J-B-UNTREATED

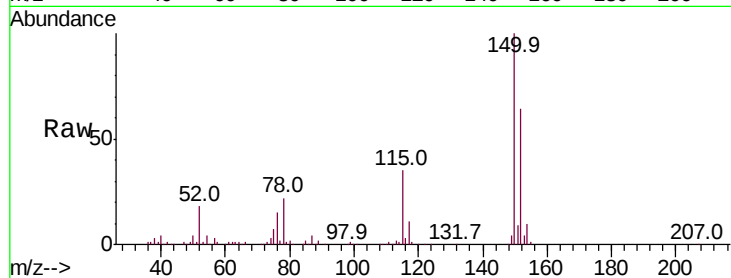
Tot Ion:152 Resp: 155399

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.4

150 156.3 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

