

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058574.D
 Acq On : 7 Oct 2019 18:15
 Operator : JC/SP
 Sample : K5197-02DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20B_100219DL

Quant Time: Oct 08 15:22:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

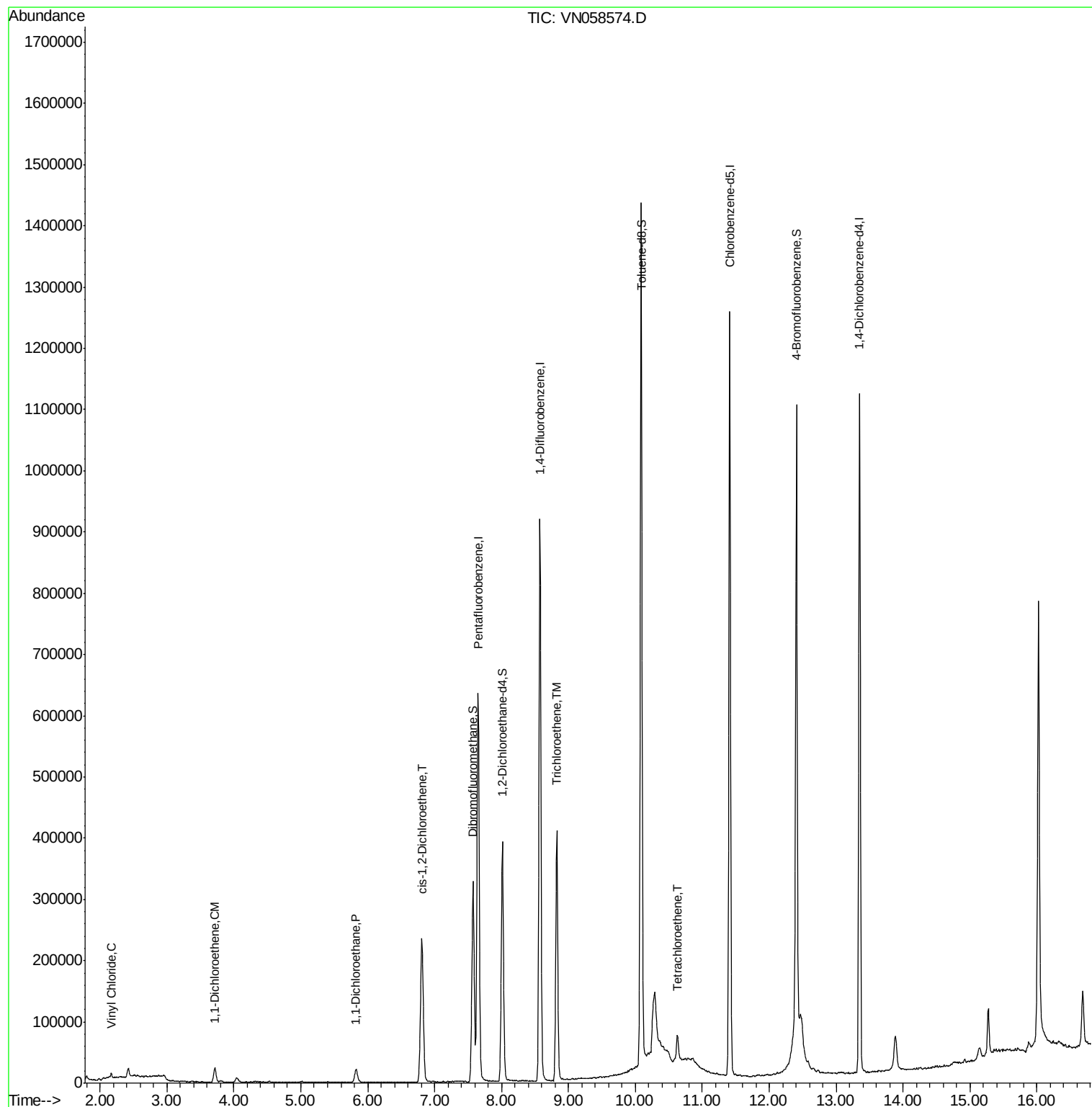
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	511023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	795758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	346593	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	7.57	113	247700	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.08	98	991402	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.41	95	338250	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
4) Vinyl Chloride	2.17	62	6924	1.147	ug/l	96
12) 1,1-Dichloroethene	3.72	96	12370	2.566	ug/l	97
24) 1,1-Dichloroethane	5.82	63	32936	3.100	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	148336	23.675	ug/l	89
44) Trichloroethene	8.82	130	144016	26.667	ug/l	99
64) Tetrachloroethene	10.63	164	8943	2.001	ug/l	96

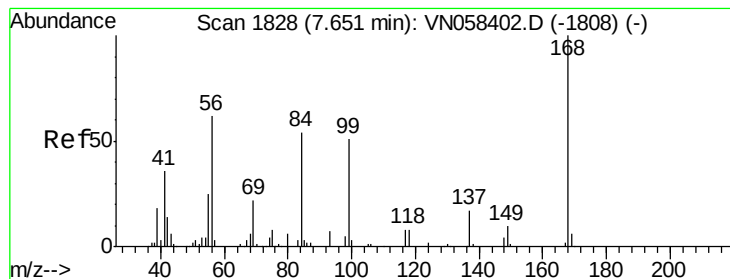
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058574.D

Acq: 7 Oct 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

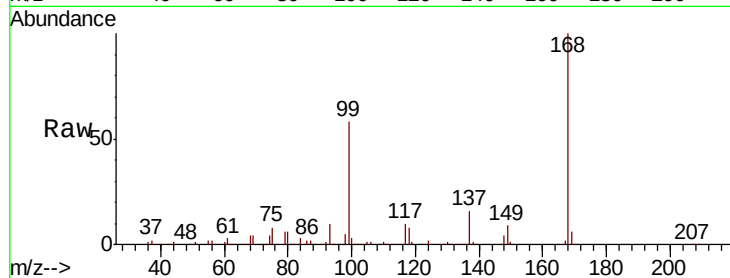
MW-20B_100219DL

Tot Ion:168 Resp: 511023

Ion Ratio Lower Upper

168 100

99 58.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

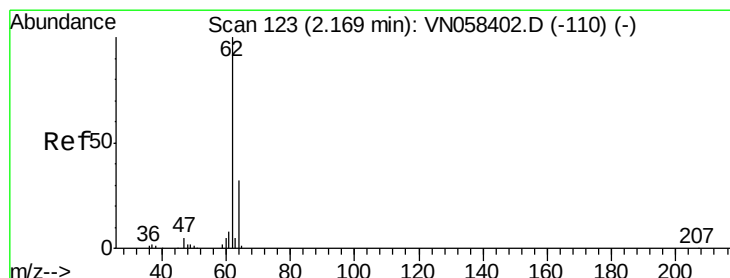
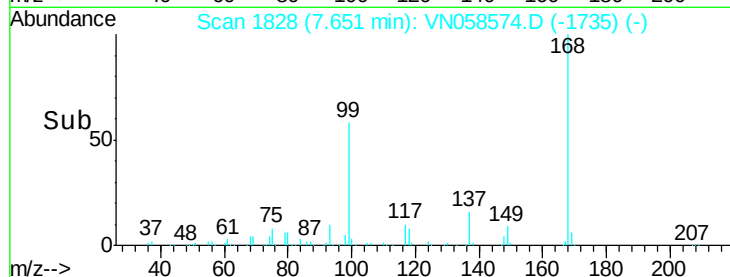
100000

50000

0

7.60 7.70

Time-->



#4

Vinyl Chloride

Concen: 1.147 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058574.D

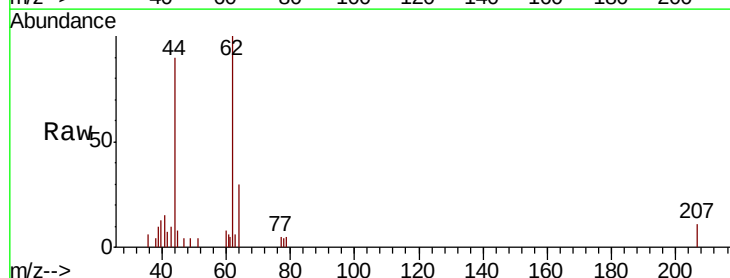
Acq: 7 Oct 2019 18:15

Tgt Ion: 62 Resp: 6924

Ion Ratio Lower Upper

62 100

64 29.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

5000

4000

3000

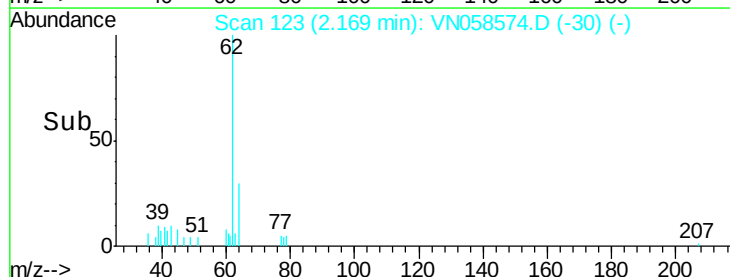
2000

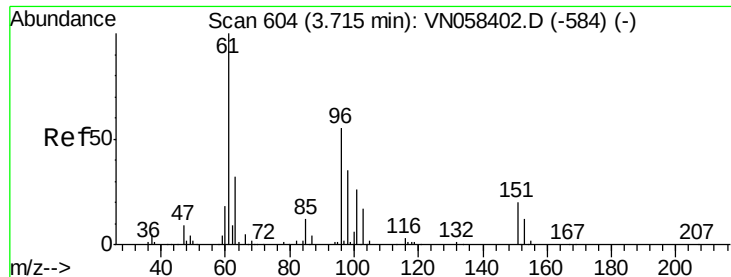
1000

0

2.15 2.20

Time-->

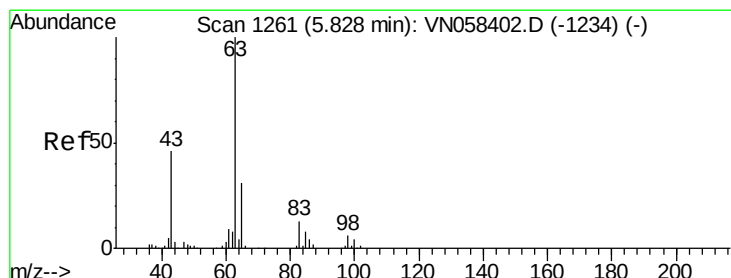
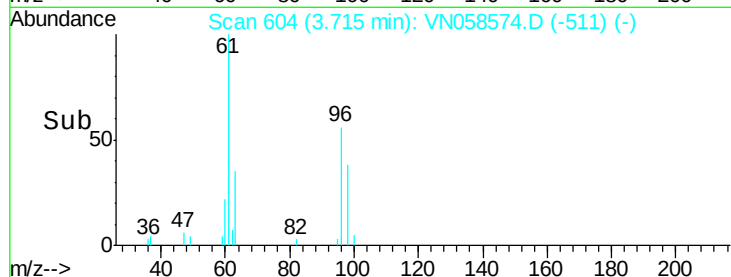
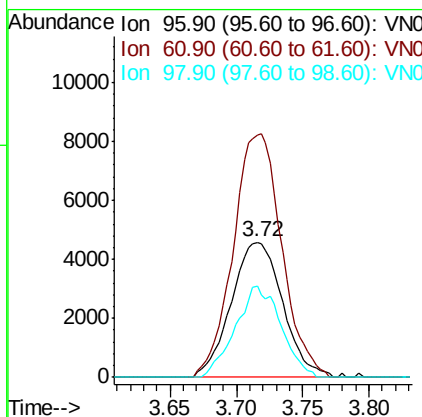
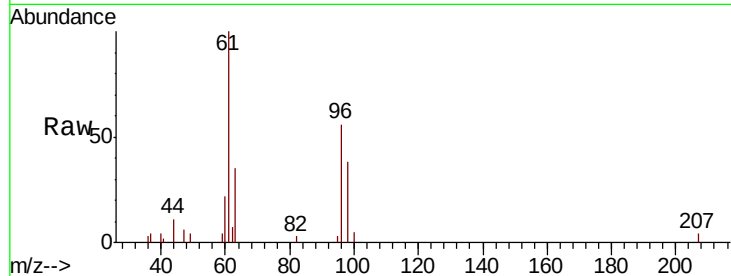




#12
 1,1-Dichloroethene
 Concen: 2.566 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN058574.D
 Acq: 7 Oct 2019 18:15

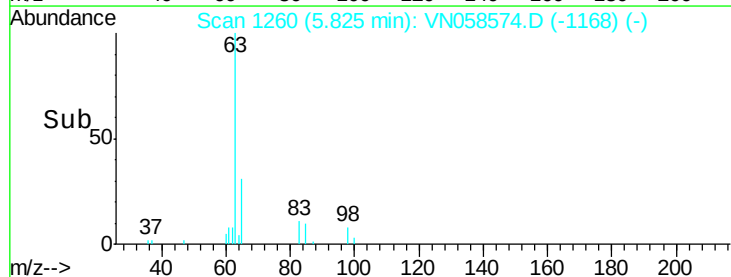
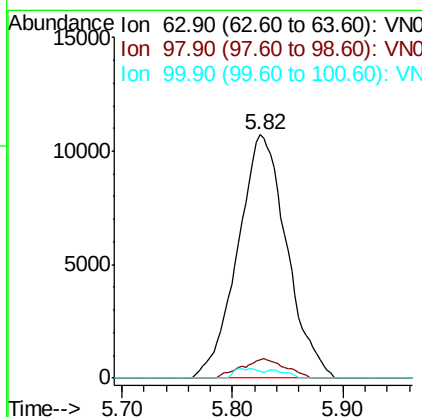
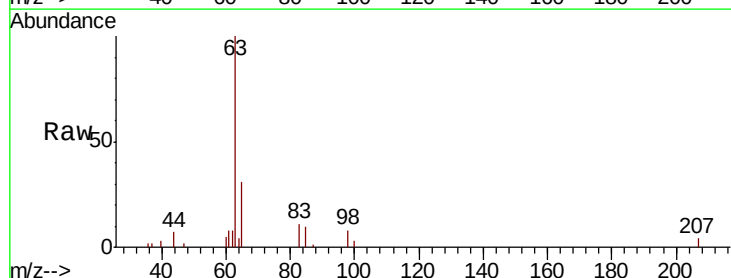
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20B_100219DL

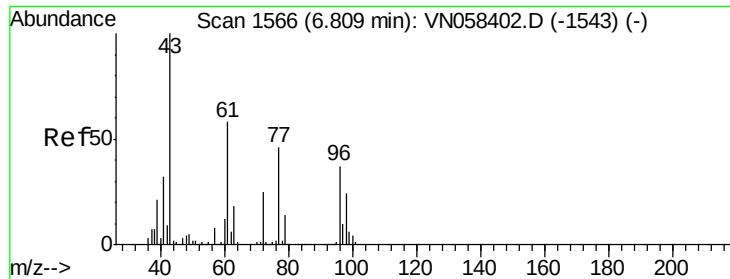
Tot Ion	Ratio	Lower	Upper
96	100		
61	179.4	146.7	220.1
98	67.4	51.3	76.9



#24
 1,1-Dichloroethane
 Concen: 3.100 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN058574.D
 Acq: 7 Oct 2019 18:15

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.0	9.0
100	2.8	2.0	5.8





#27

cis-1,2-Dichloroethene

Concen: 23.675 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058574.D

Acq: 7 Oct 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW-20B_100219DL

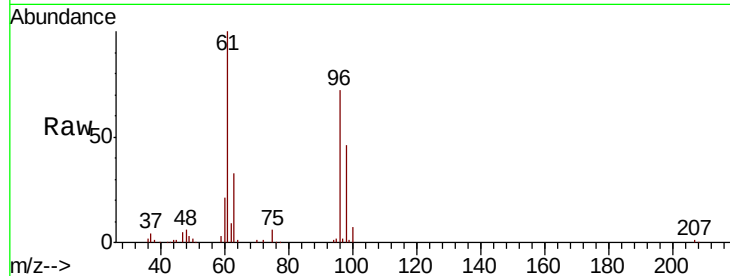
Tot Ion: 96 Resp: 148336

Ion Ratio Lower Upper

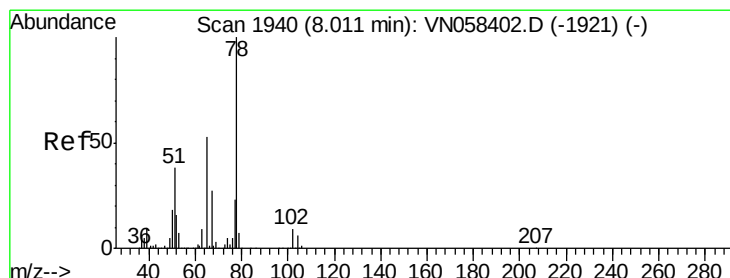
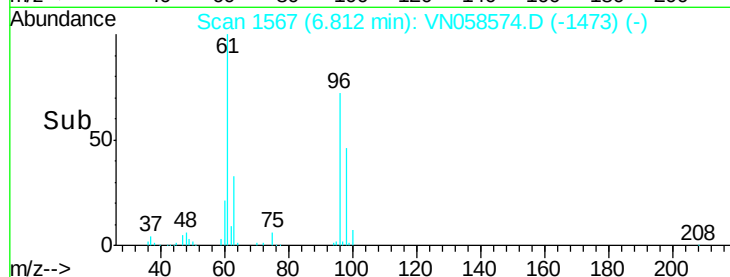
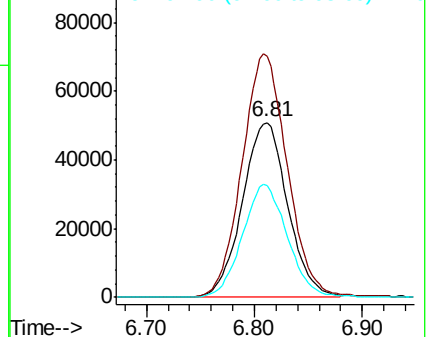
96 100

61 139.1 0.0 318.8

98 64.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.412 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058574.D

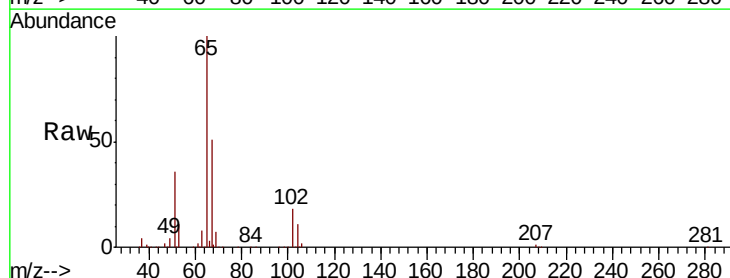
Acq: 7 Oct 2019 18:15

Tgt Ion: 65 Resp: 346593

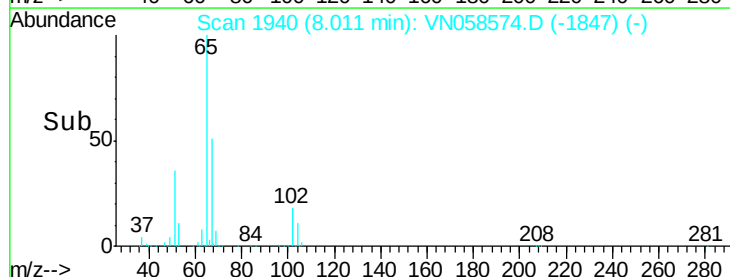
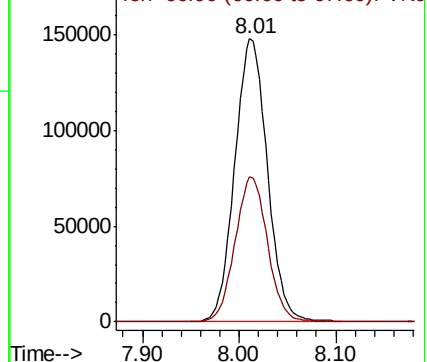
Ion Ratio Lower Upper

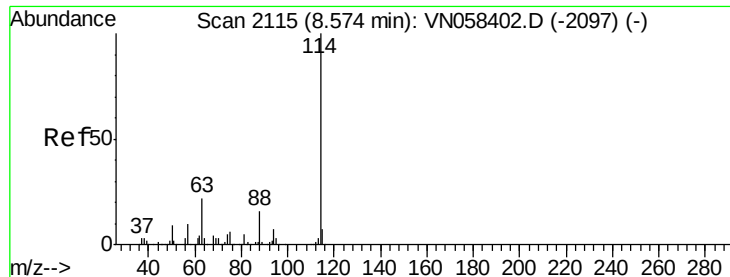
65 100

67 51.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

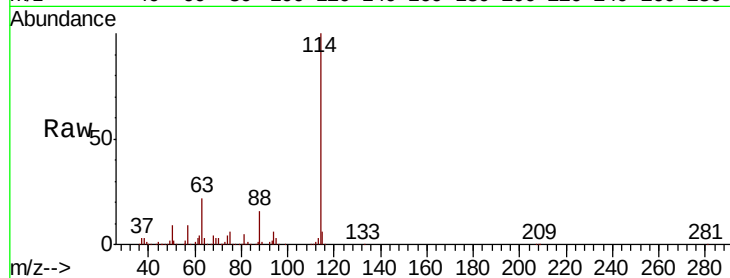




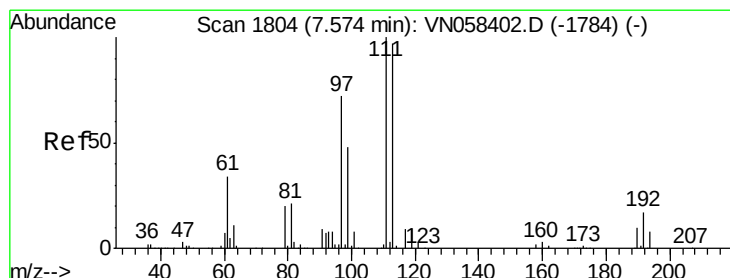
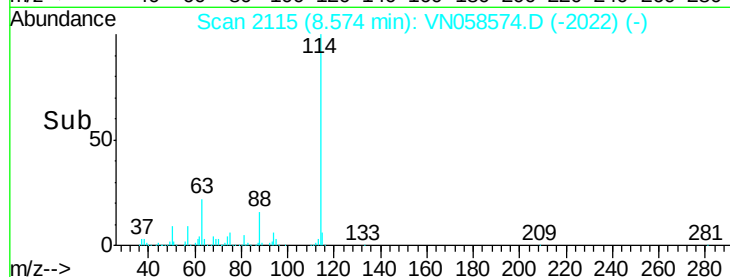
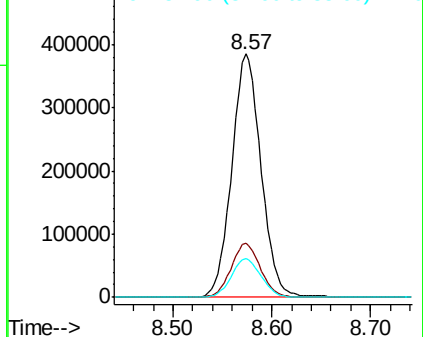
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058574.D
 Acq: 7 Oct 2019 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20B_100219DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.0
88	16.1	0.0	32.2

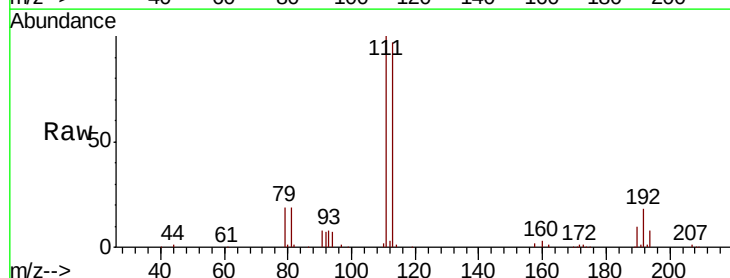


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

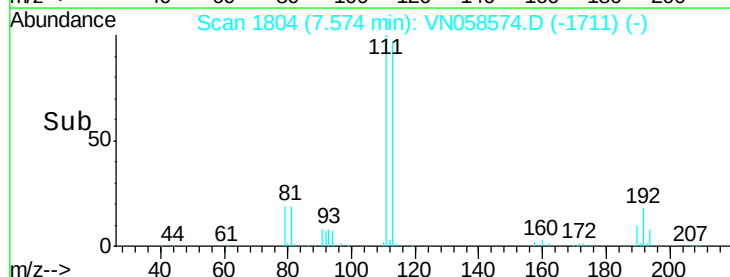
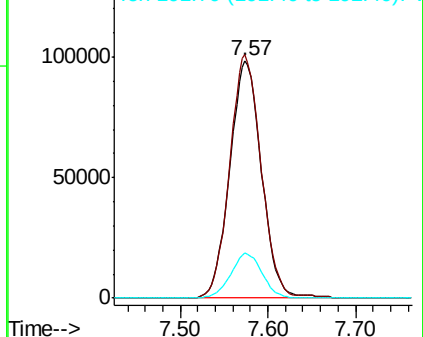


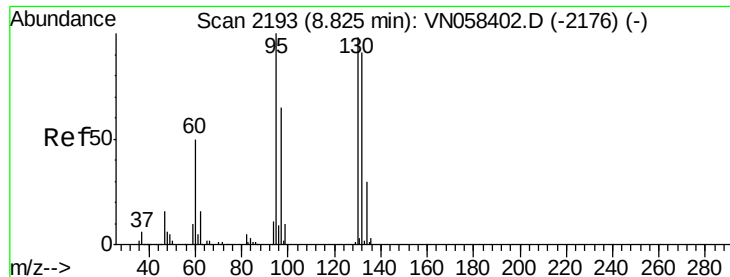
#35
 Dibromofluoromethane
 Concen: 50.788 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058574.D
 Acq: 7 Oct 2019 18:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	18.8	14.9	22.3



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





#44

Trichloroethene

Concen: 26.667 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058574.D

Acq: 7 Oct 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

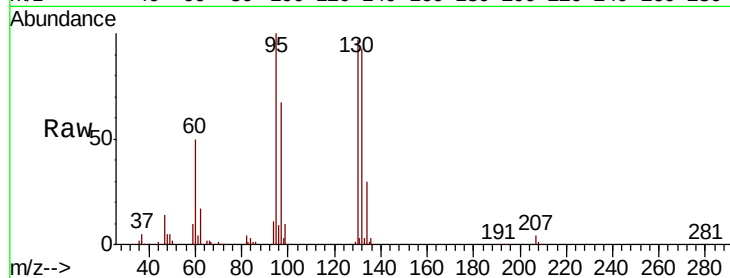
MW-20B_100219DL

Tot Ion:130 Resp: 144016

Ion Ratio Lower Upper

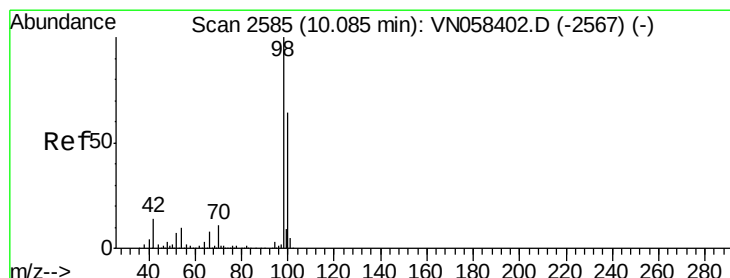
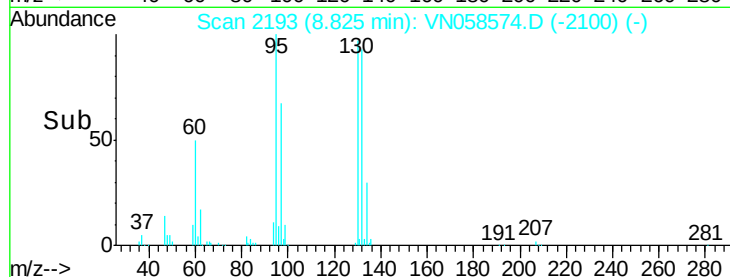
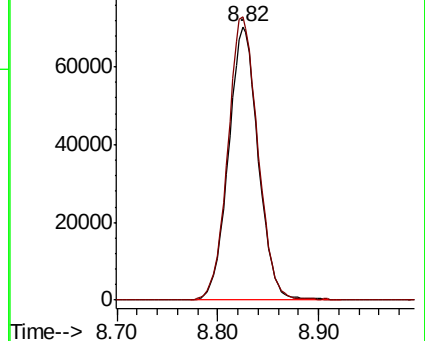
130 100

95 103.5 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 51.890 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058574.D

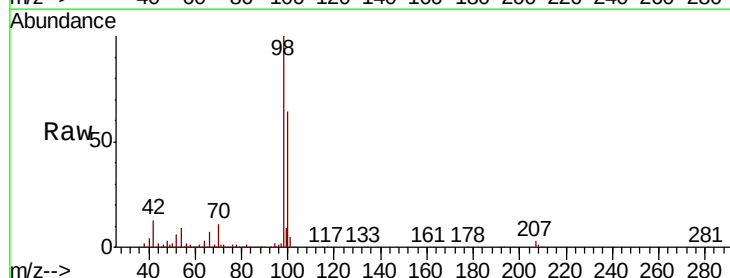
Acq: 7 Oct 2019 18:15

Tgt Ion: 98 Resp: 991402

Ion Ratio Lower Upper

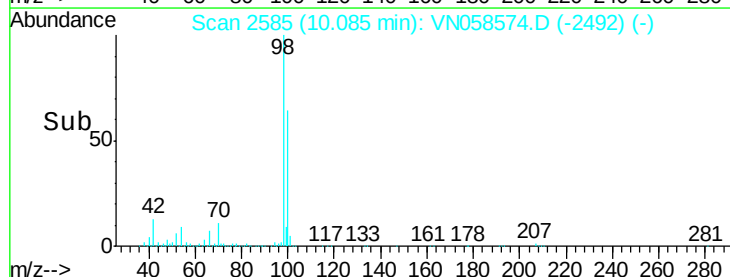
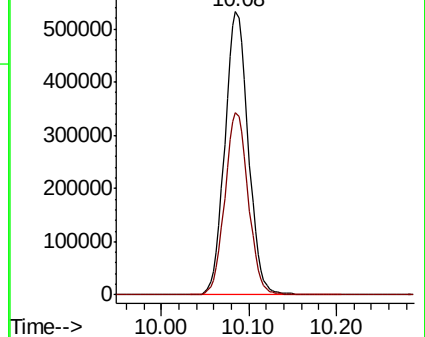
98 100

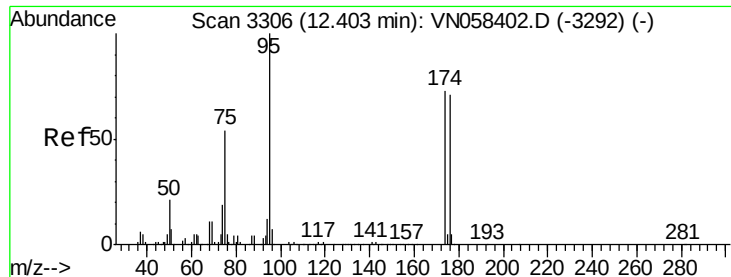
100 64.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 48.963 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058574.D

Acq: 7 Oct 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW-20B_100219DL

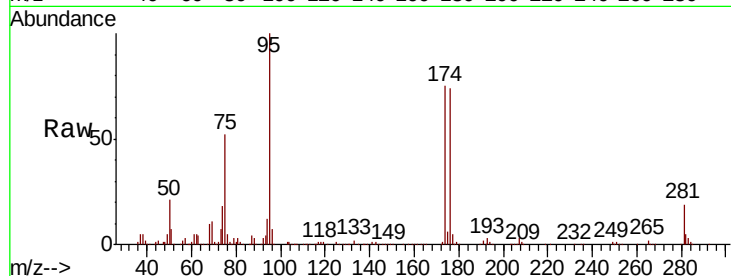
Tot Ion: 95 Resp: 338250

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

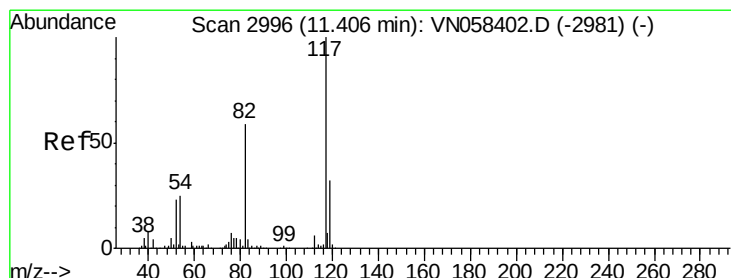
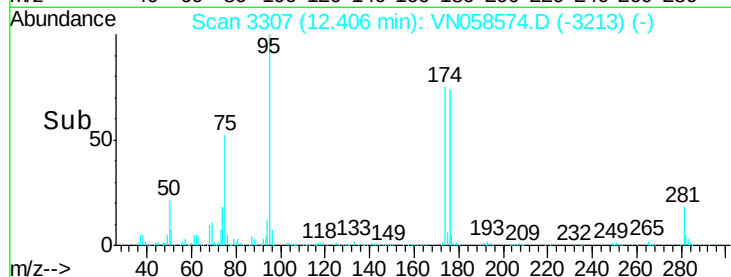
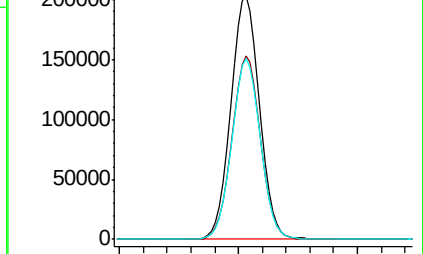
176 73.6 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058574.D

Acq: 7 Oct 2019 18:15

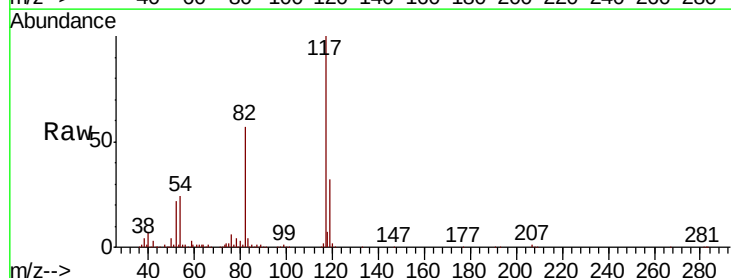
Tgt Ion: 117 Resp: 703294

Ion Ratio Lower Upper

117 100

82 57.2 47.4 71.0

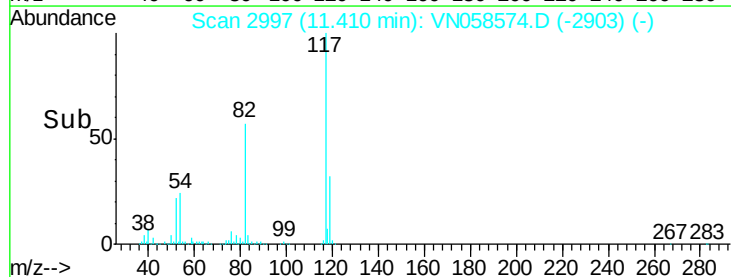
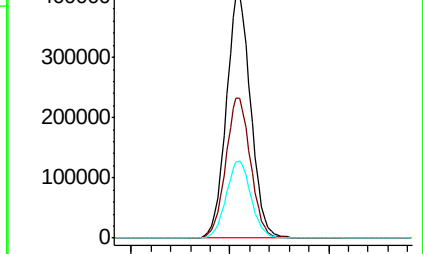
119 31.8 25.5 38.3

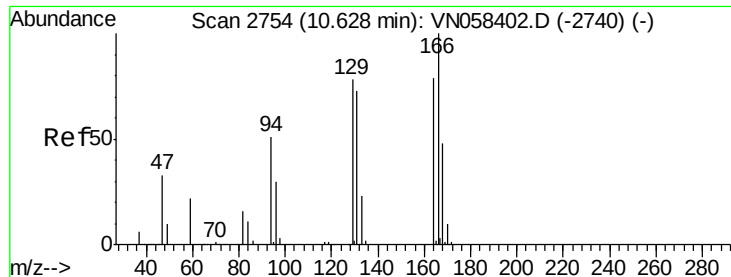


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

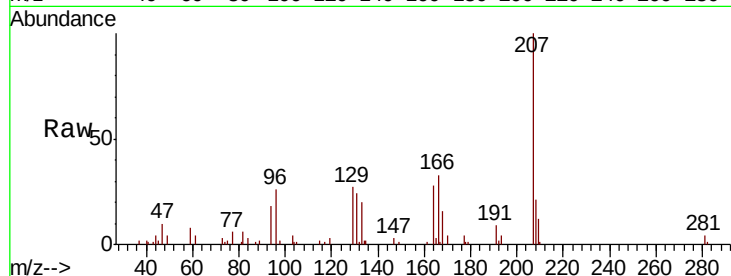




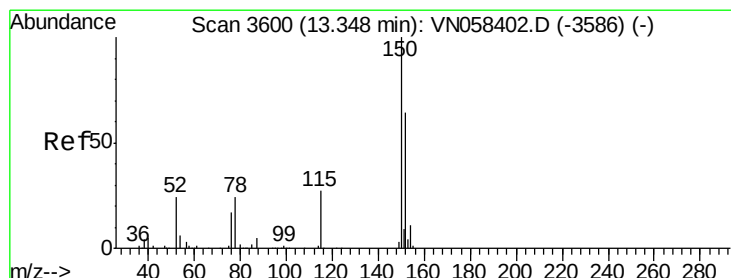
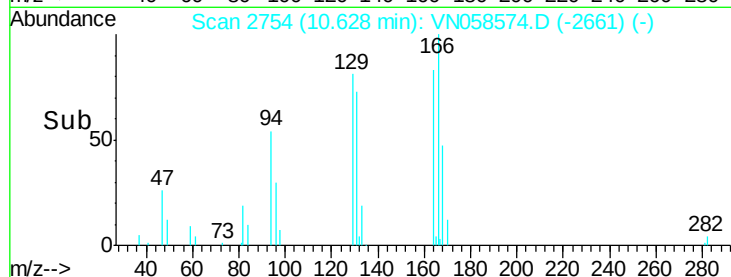
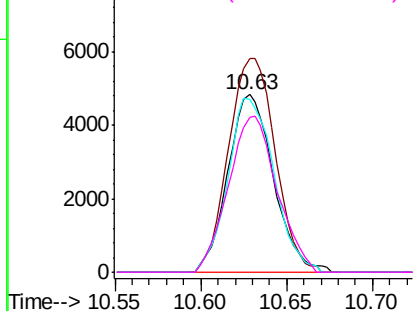
#64
Tetrachloroethene
Concen: 2.001 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tot Ion:164 Resp: 8943
Ion Ratio Lower Upper
164 100
166 119.8 101.1 151.7
129 97.4 79.2 118.8
131 87.1 74.1 111.1

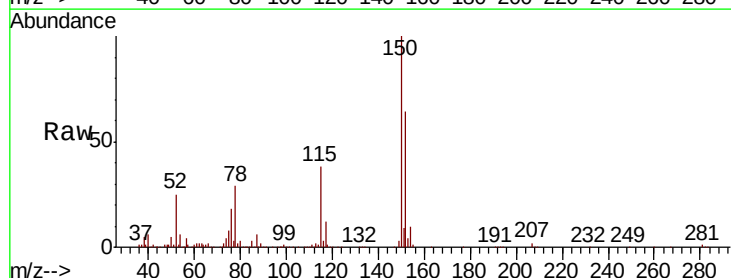


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion:152 Resp: 288051
Ion Ratio Lower Upper
152 100
115 61.1 30.0 90.0
150 158.9 0.0 348.2



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

