

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058433.D
 Acq On : 30 Sep 2019 14:27
 Operator : JC/SP
 Sample : K5080-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ145I-20190924

Quant Time: Oct 01 04:06:34 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

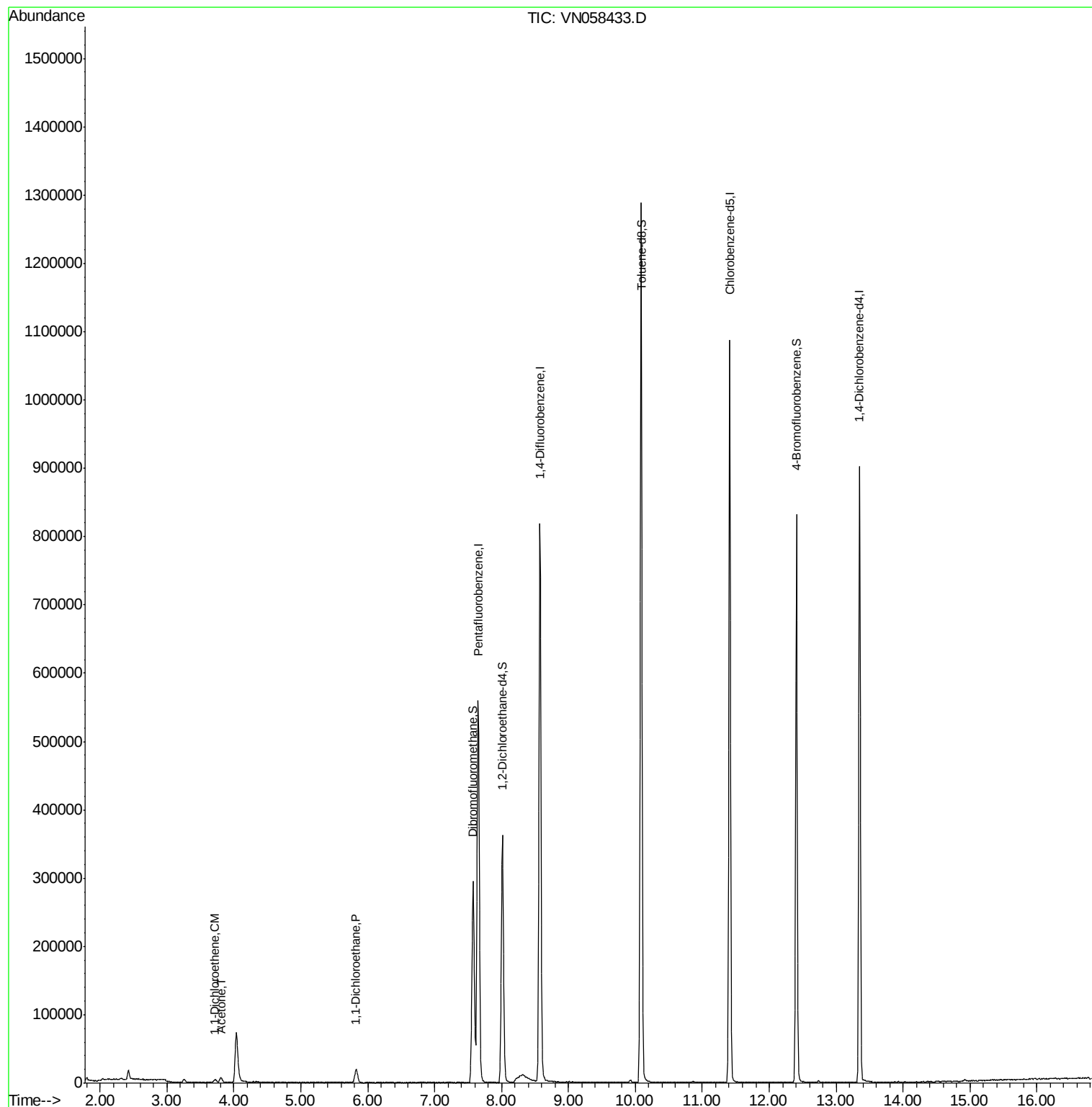
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	432290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	705054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	596595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	316959	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	7.57	113	223220	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.09	98	890790	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.41	95	279508	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
Target Compounds						
12) 1,1-Dichloroethene	3.72	96	2543	0.624	ug/l #	78
16) Acetone	3.80	43	13303	6.177	ug/l	94
24) 1,1-Dichloroethane	5.82	63	29218	3.251	ug/l	96

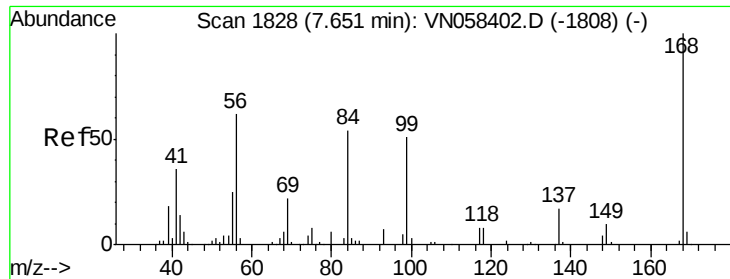
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058433.D

Acq: 30 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

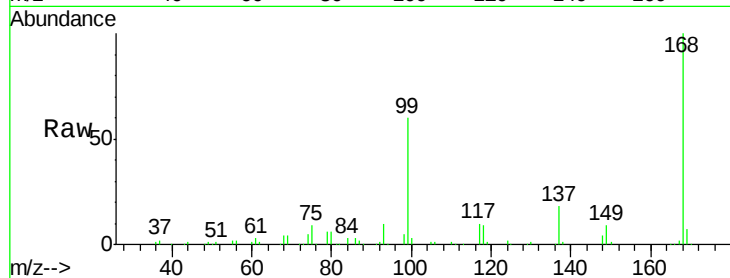
SA-PZ145I-20190924

Tot Ion:168 Resp: 432290

Ion Ratio Lower Upper

168 100

99 60.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

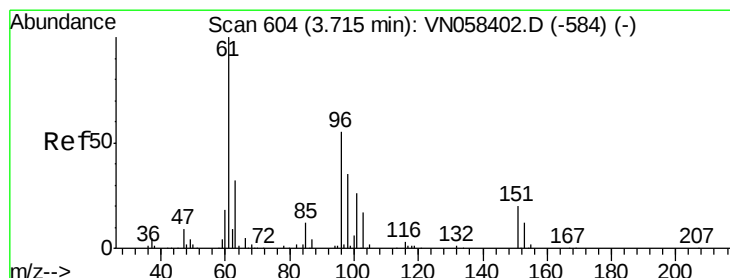
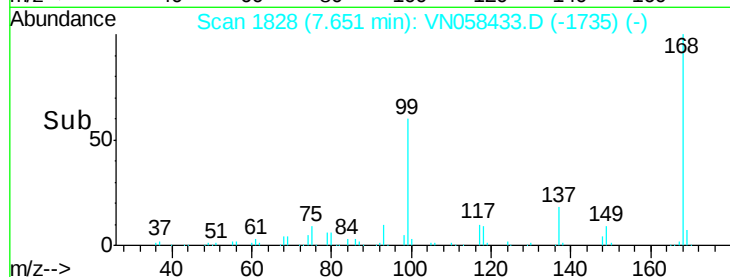
100000

50000

0

7.60 7.70 7.80

Time-->



#12

1,1-Dichloroethene

Concen: 0.624 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058433.D

Acq: 30 Sep 2019 14:27

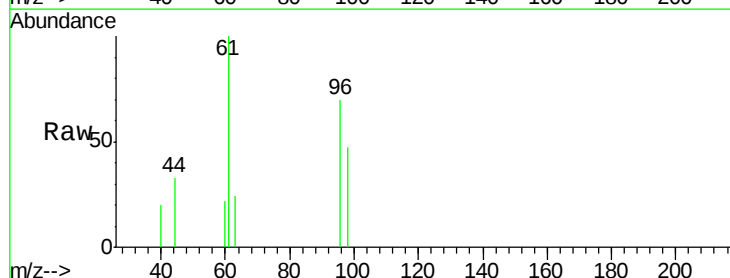
Tgt Ion: 96 Resp: 2543

Ion Ratio Lower Upper

96 100

61 143.4 146.7 220.1#

98 67.3 51.3 76.9



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

2000

1500

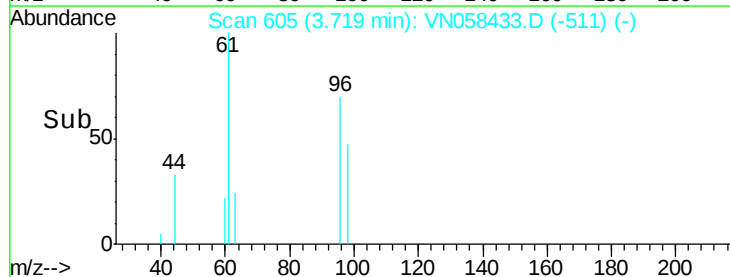
1000

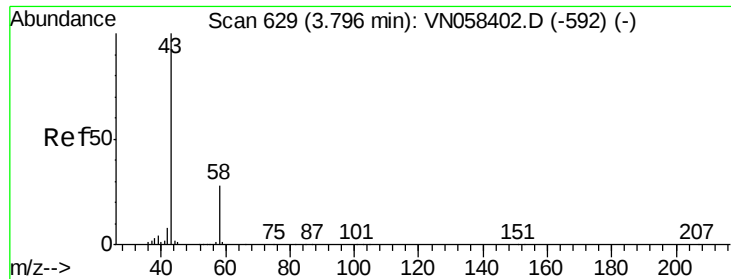
500

0

3.65 3.70 3.75

Time-->

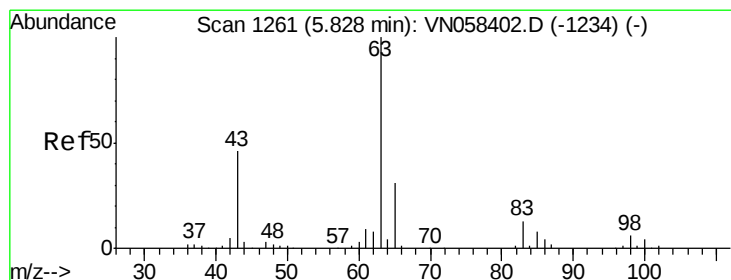
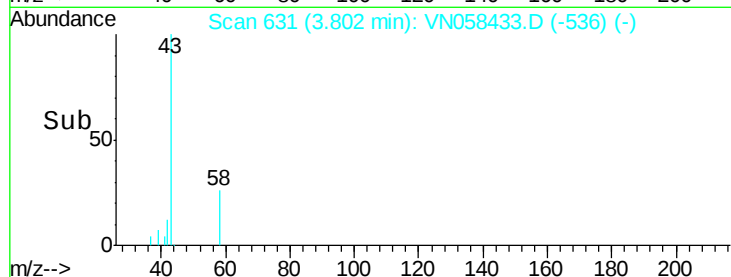
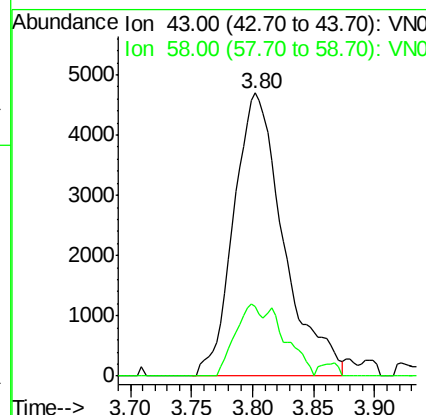
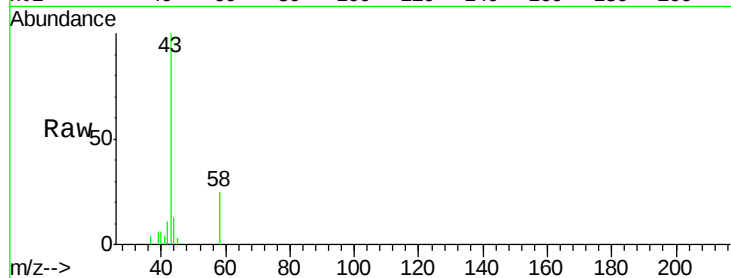




#16
Acetone
Concen: 6.177 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058433.D
Acq: 30 Sep 2019 14:27

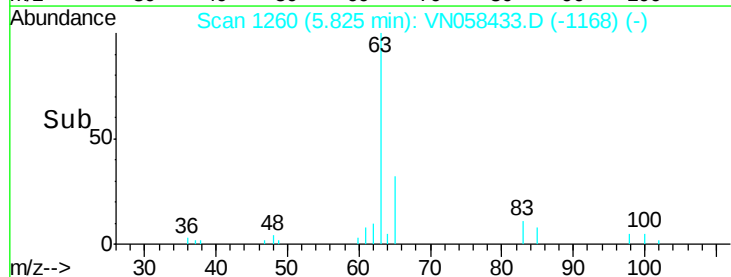
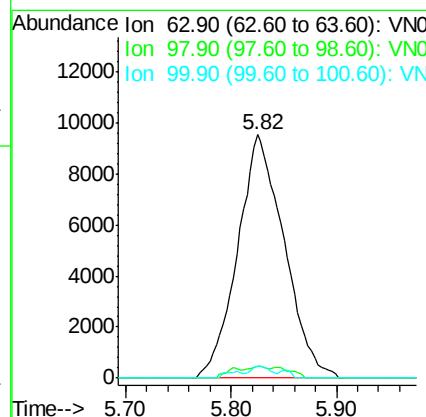
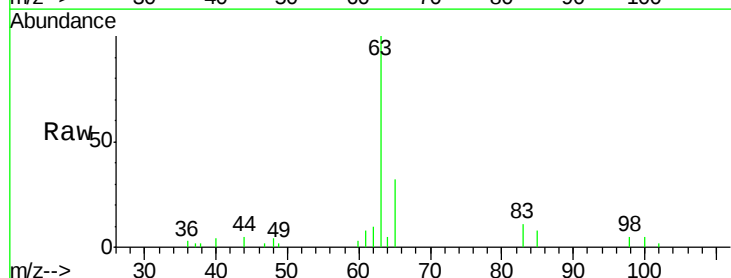
Instrument :
MSVOA_N
ClientSampleId :
SA-PZ145I-20190924

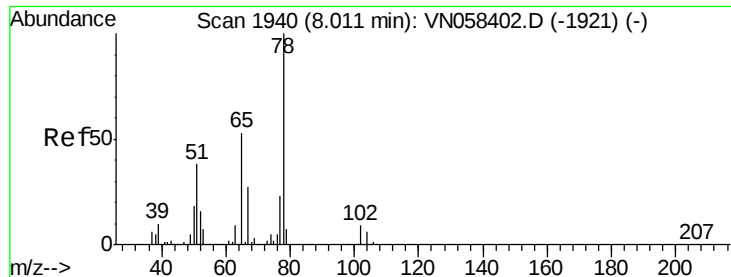
Tot Ion: 43 Resp: 13303
Ion Ratio Lower Upper
43 100
58 24.8 22.4 33.6



#24
1,1-Dichloroethane
Concen: 3.251 ug/l
RT: 5.82 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VN058433.D
Acq: 30 Sep 2019 14:27

Tgt Ion: 63 Resp: 29218
Ion Ratio Lower Upper
63 100
98 4.8 3.0 9.0
100 5.0 2.0 5.8





#33

1,2-Dichloroethane-d4

Concen: 50.174 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058433.D

Acq: 30 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

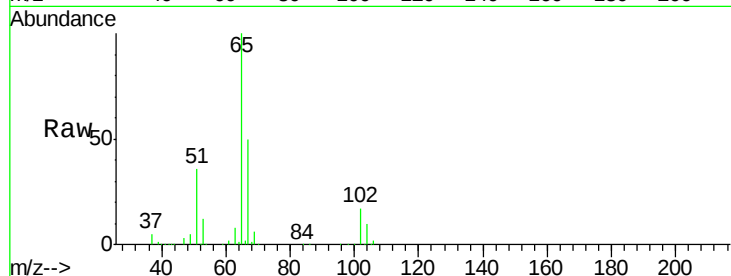
SA-PZ145I-20190924

Tot Ion: 65 Resp: 316959

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058433.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058433.D (-1847) (-)

8.01

150000

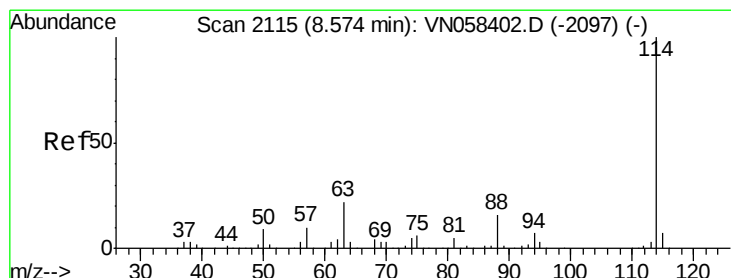
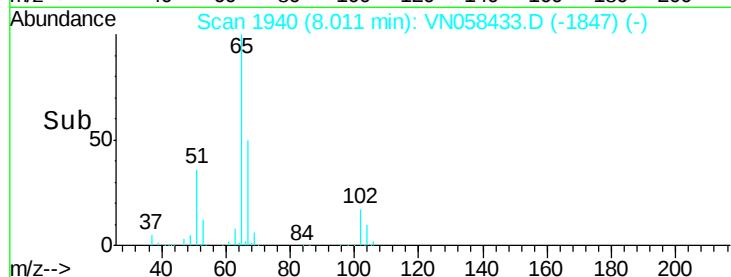
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058433.D

Acq: 30 Sep 2019 14:27

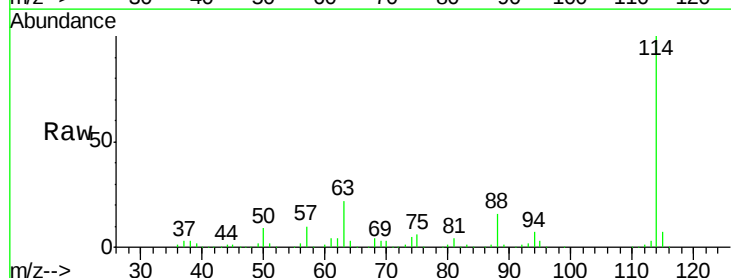
Tgt Ion: 114 Resp: 705054

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 16.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058433.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058433.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058433.D (-2022) (-)

8.57

400000

300000

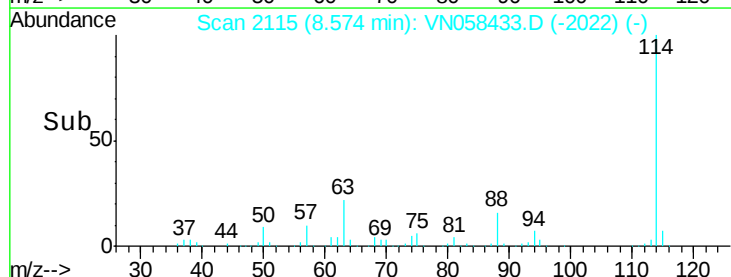
200000

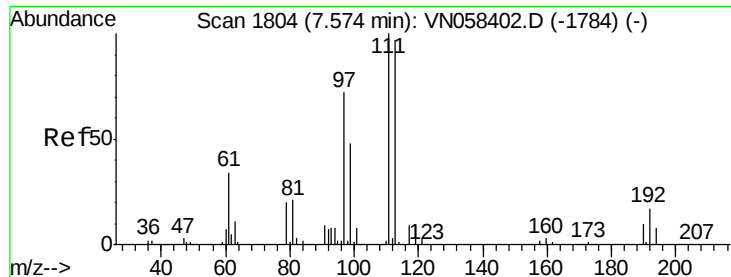
100000

0

8.50 8.55 8.60 8.65 8.70

Time-->

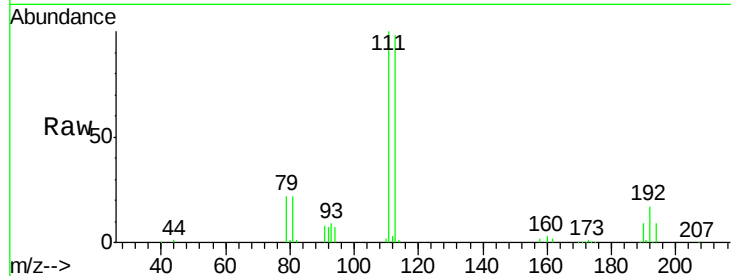




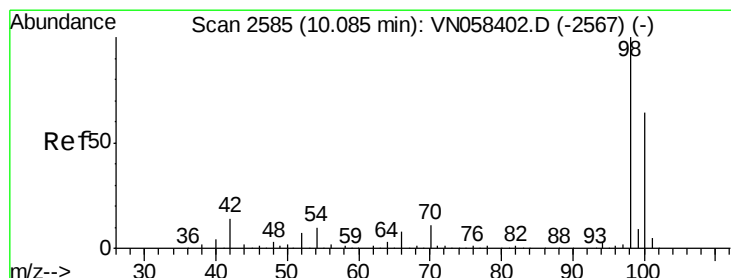
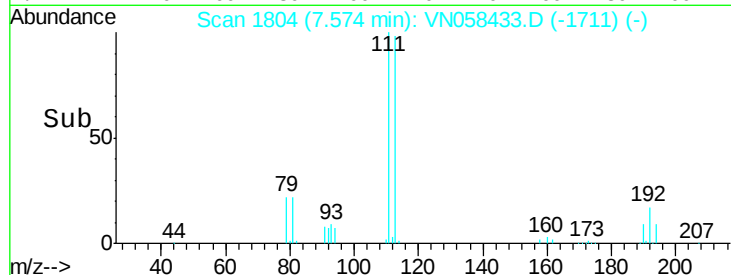
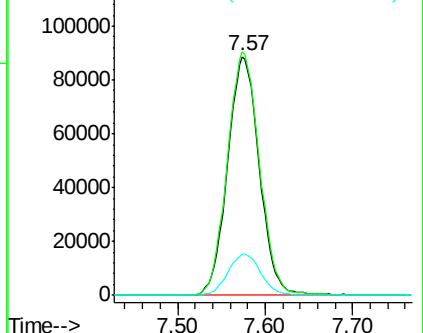
#35
Dibromofluoromethane
Concen: 51.657 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058433.D
Acq: 30 Sep 2019 14:27

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ145I-20190924

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	17.8	14.9	22.3

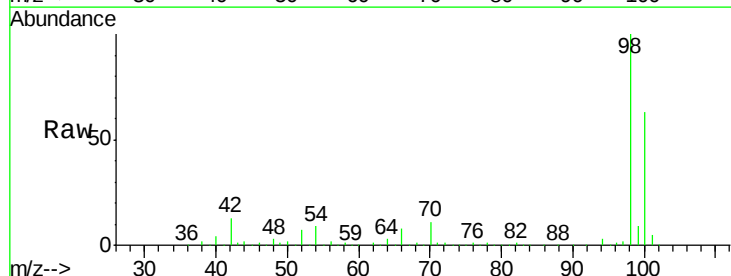


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

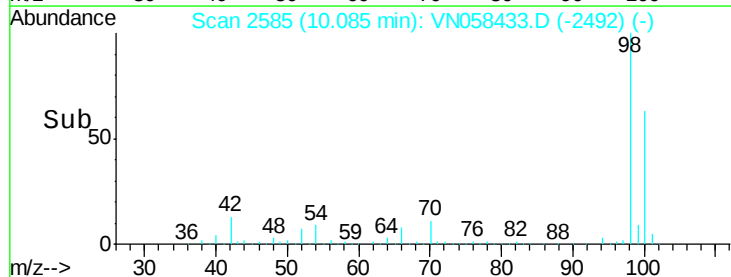
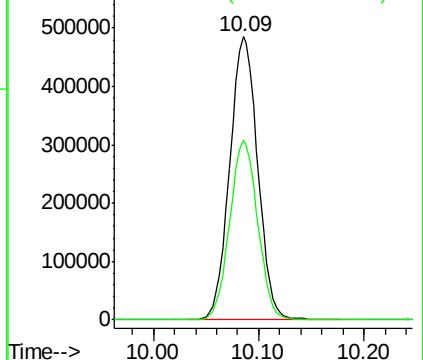


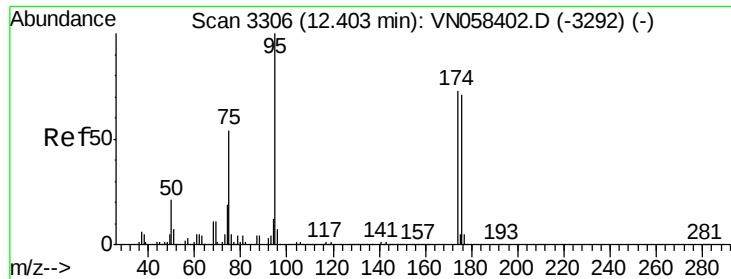
#50
Toluene-d8
Concen: 52.622 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058433.D
Acq: 30 Sep 2019 14:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.0	76.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.665 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058433.D

Acq: 30 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ145I-20190924

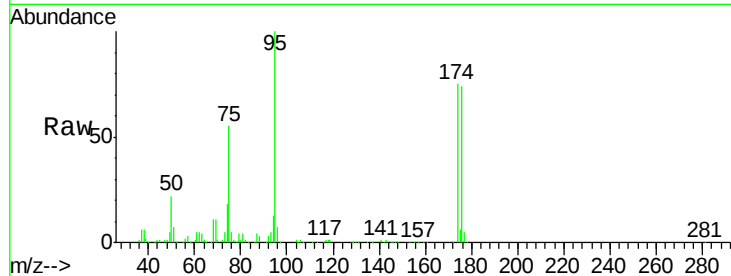
Tot Ion: 95 Resp: 279508

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

176 73.1 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) (-)

12.41

150000

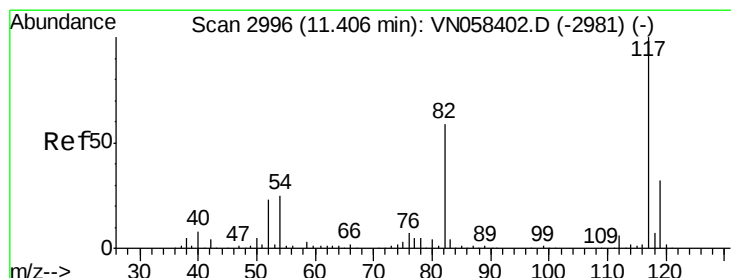
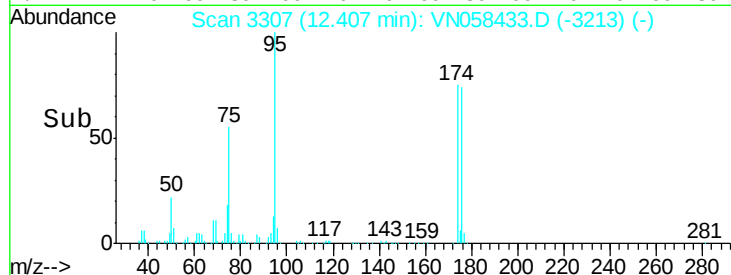
100000

50000

0

12.40 12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058433.D

Acq: 30 Sep 2019 14:27

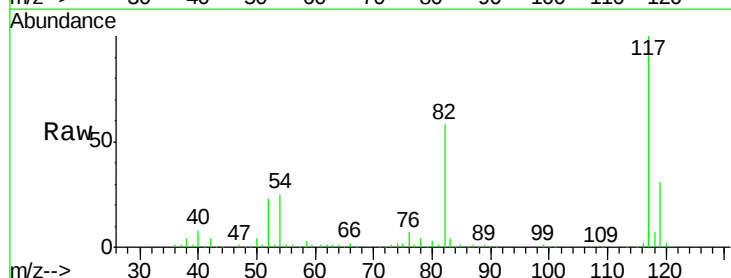
Tgt Ion: 117 Resp: 596595

Ion Ratio Lower Upper

117 100

82 58.3 47.4 71.0

119 31.2 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) (-)

11.41

400000

300000

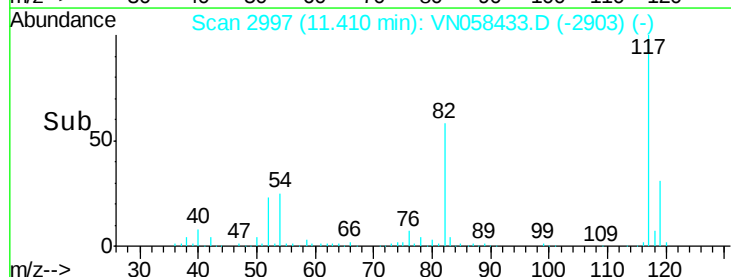
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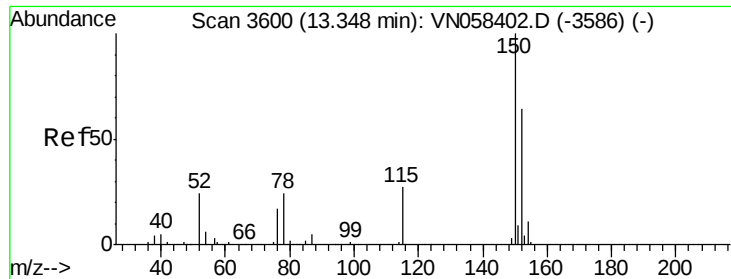
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058433.D

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Instrument :

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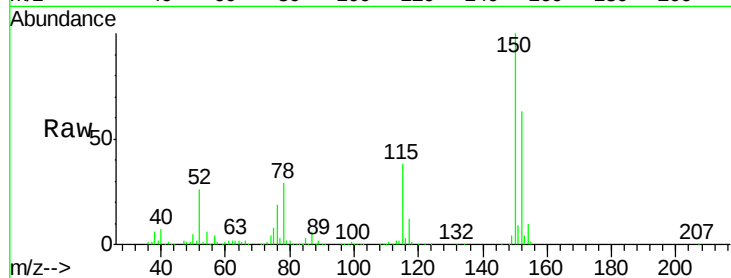
Tot Ion:152 Resp: 228403

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

150 158.2 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

