

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082719\
 Data File : VN057546.D
 Acq On : 27 Aug 2019 11:09
 Operator : JC/SP
 Sample : K4523-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-005-IDW/GW-20190823

Quant Time: Aug 27 11:32:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	65148	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	362662	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	271258	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	185613	29.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.50%
60) 4-Bromofluorobenzene	12.40	95	99993	22.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.50%
63) Toluene-d8	10.09	98	458922	33.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	111.67%

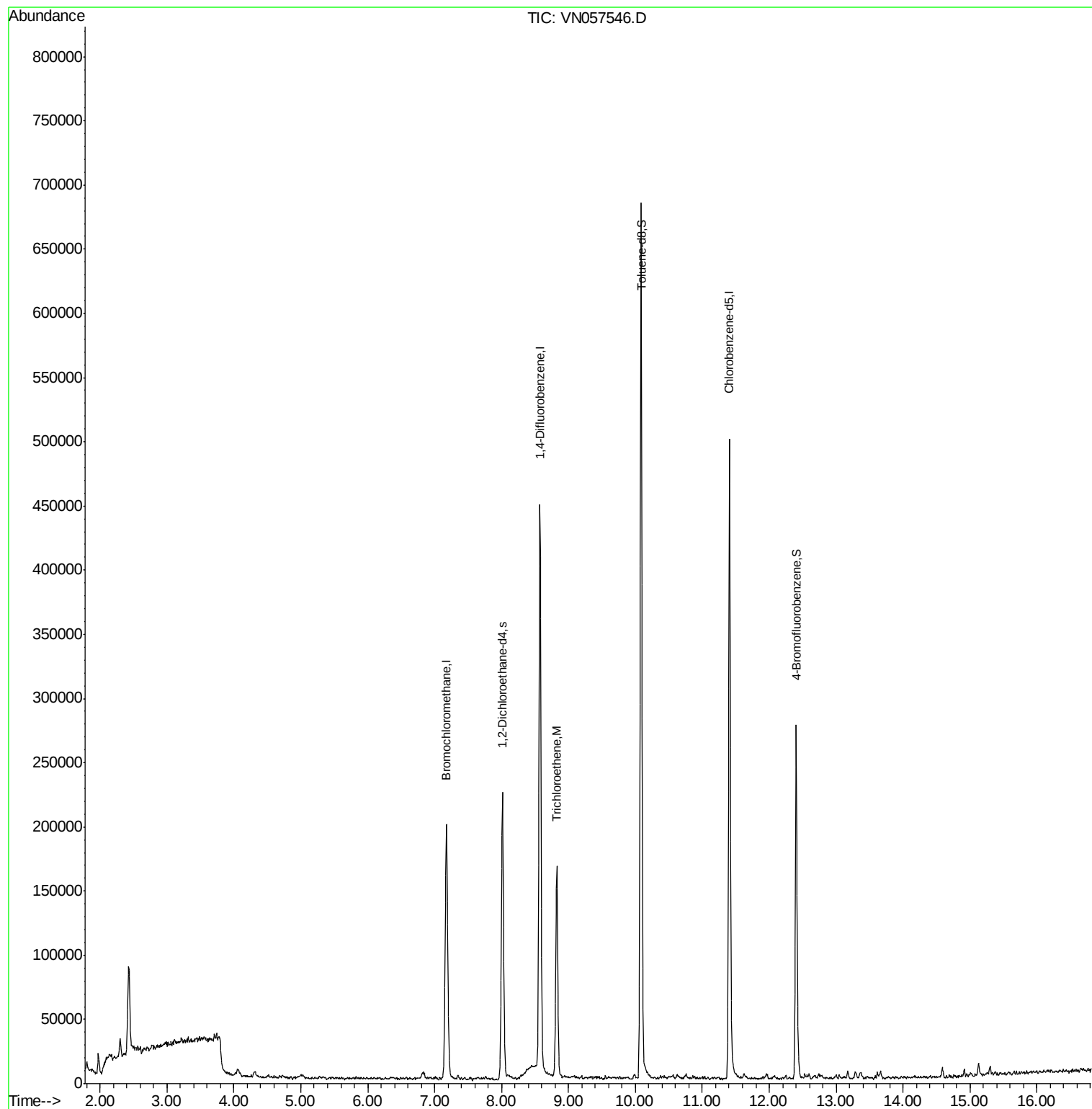
Target Compounds					Ovalue
37) Trichloroethene	8.82	130	51604	12.479 ug/l	100

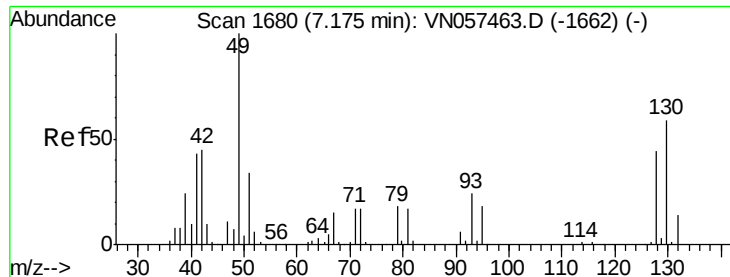
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057546.D

Acq: 27 Aug 2019 11:09

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MSVOA_N

ClientSampleId :

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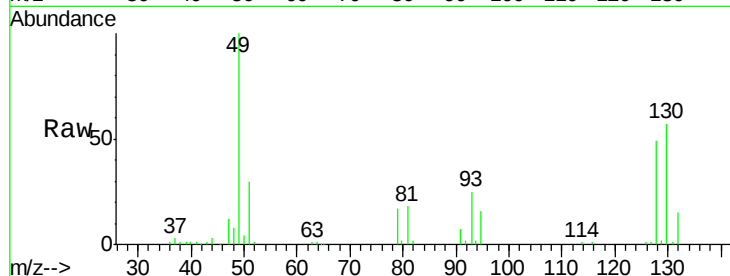
Tot Ion:128 Resp: 65148

Ion Ratio Lower Upper

128 100

49 211.3 0.0 560.5

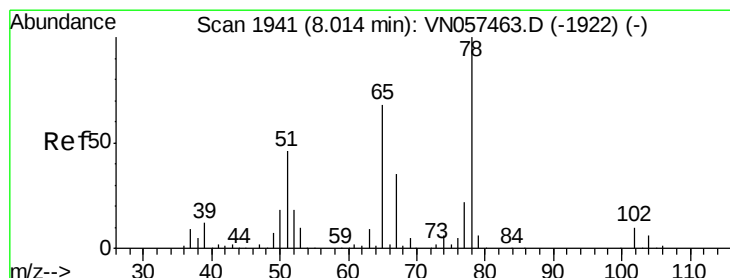
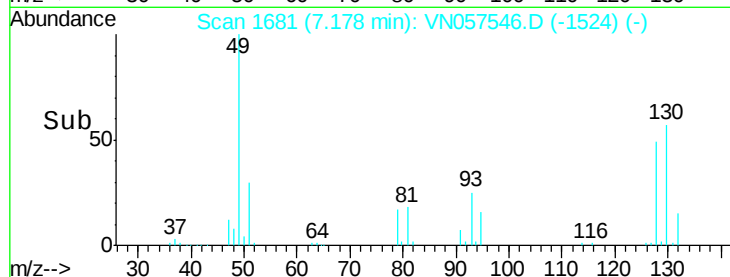
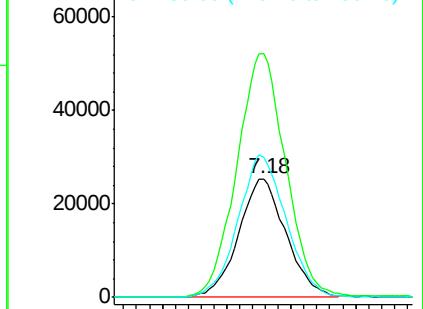
130 121.7 0.0 317.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.553 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057546.D

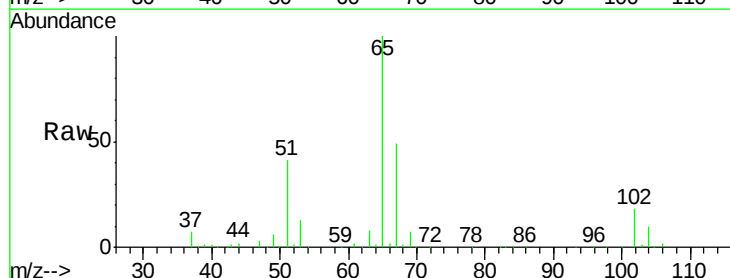
Acq: 27 Aug 2019 11:09

Tgt Ion: 65 Resp: 185613

Ion Ratio Lower Upper

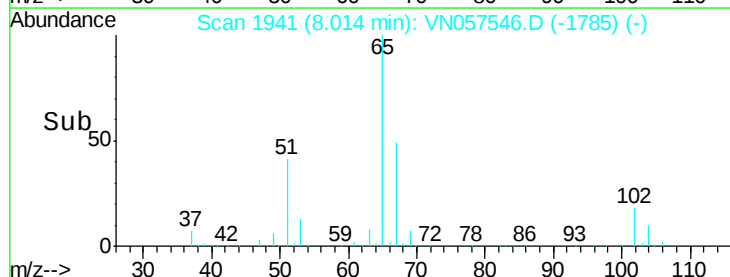
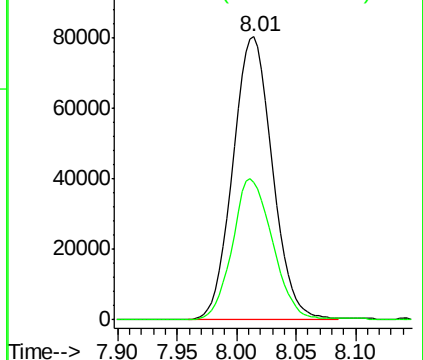
65 100

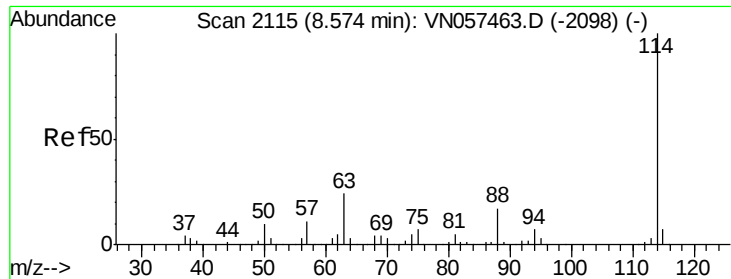
67 50.8 40.2 60.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

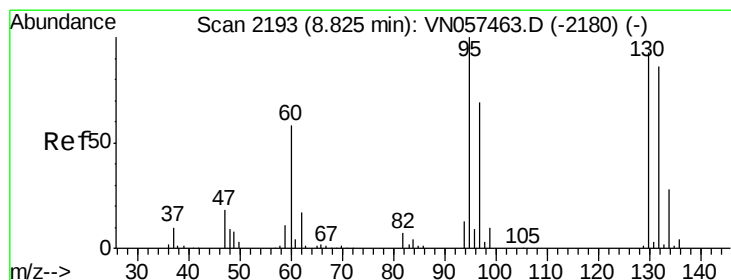
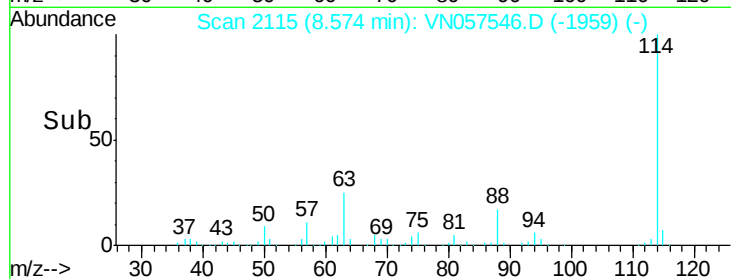
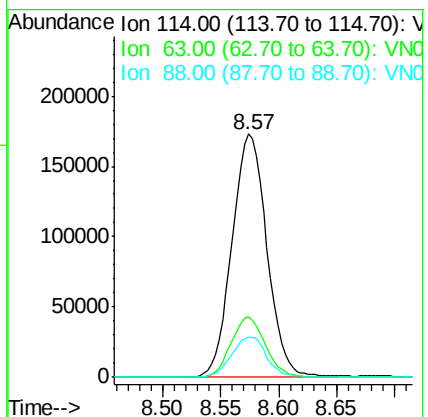
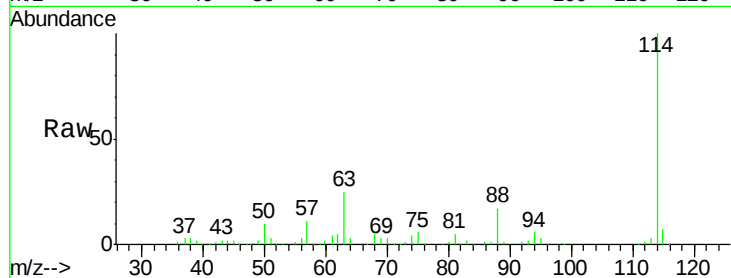




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN057546.D
Acq: 27 Aug 2019 11:09

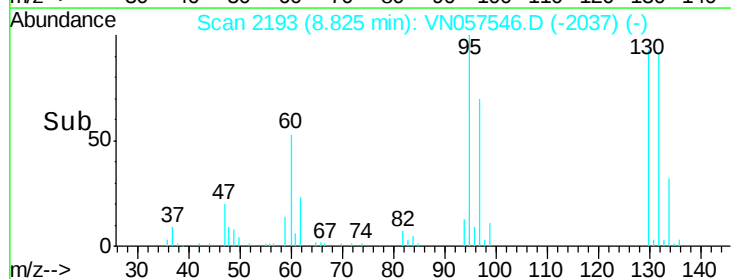
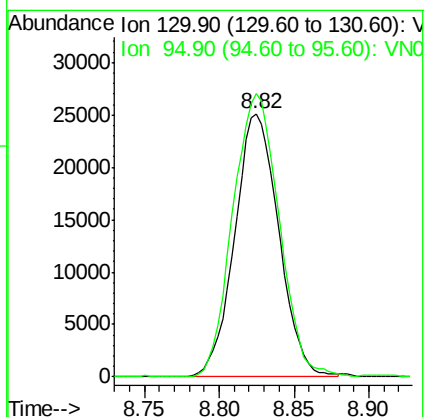
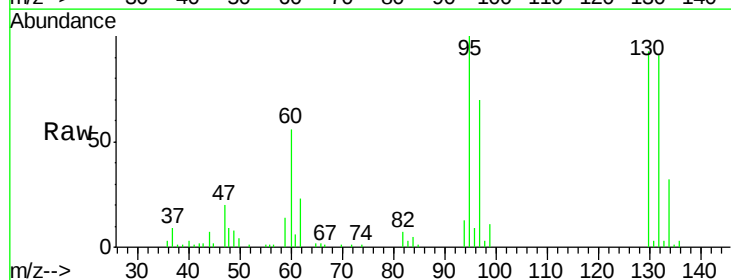
Instrument :
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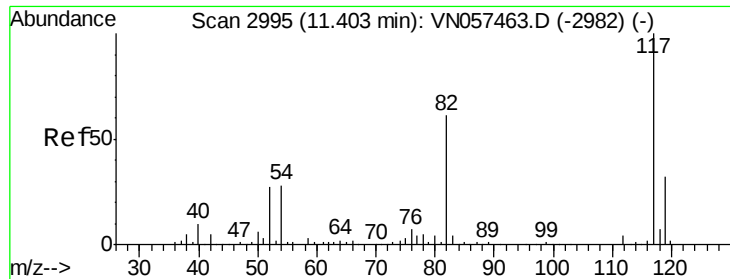
Tot Ion:114 Resp: 362662
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 16.8 13.1 19.7



#37
Trichloroethene
Concen: 12.479 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN057546.D
Acq: 27 Aug 2019 11:09

Tgt Ion:130 Resp: 51604
Ion Ratio Lower Upper
130 100
95 107.5 86.4 129.6

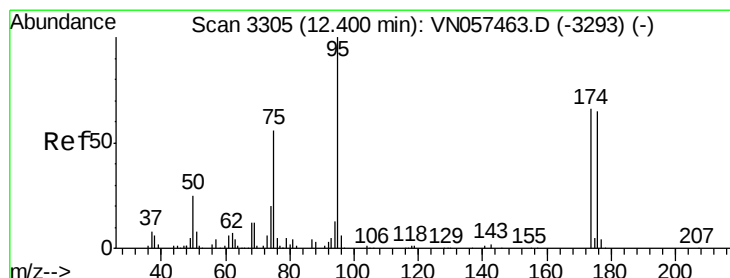
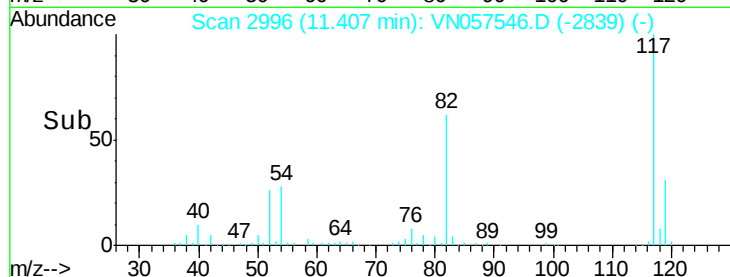
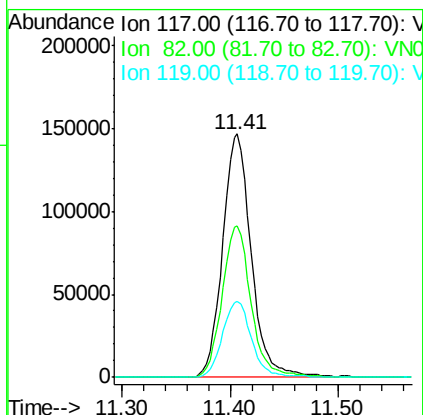
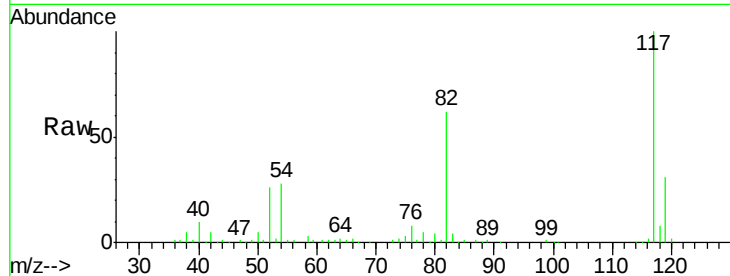




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057546.D
Acq: 27 Aug 2019 11:09

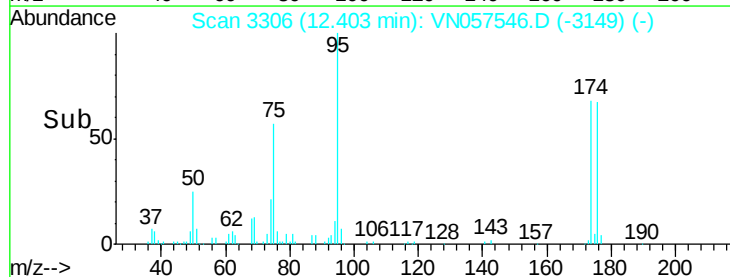
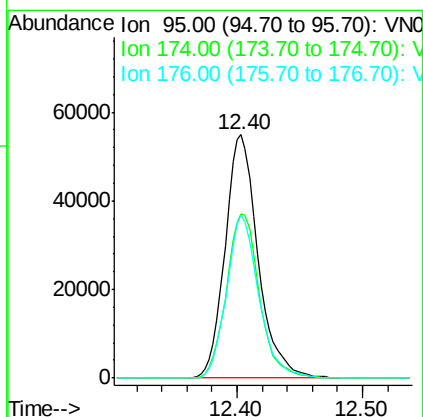
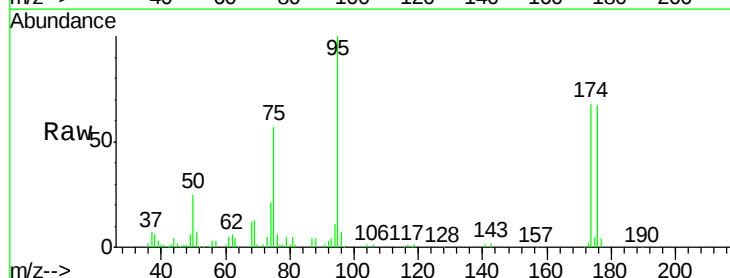
Instrument :
MSVOA_N
ClientSampleId :
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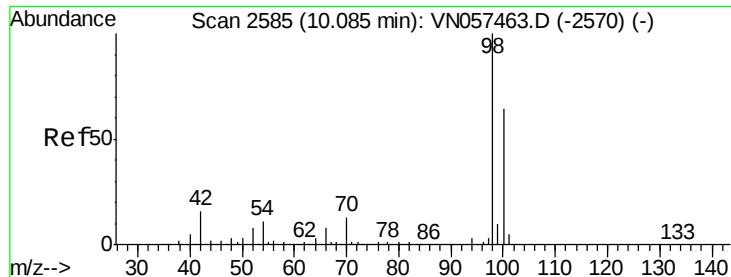
Tot Ion:117 Resp: 271258
Ion Ratio Lower Upper
117 100
82 62.7 50.4 75.6
119 32.0 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 22.354 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057546.D
Acq: 27 Aug 2019 11:09

Tgt Ion: 95 Resp: 99993
Ion Ratio Lower Upper
95 100
174 67.6 54.9 82.3
176 65.3 54.2 81.4





#63

Toluene-d8

Concen: 33.502 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057546.D

Acq: 27 Aug 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

TT-005-IDW/GW-20190823

Tot Ion: 98 Resp: 458922

Ion Ratio Lower Upper

98 100

100 62.4 51.0 76.6

