

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059032.D
 Acq On : 31 Oct 2019 12:26
 Operator : JC/SP
 Sample : K5146-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-103019

Quant Time: Nov 01 01:21:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

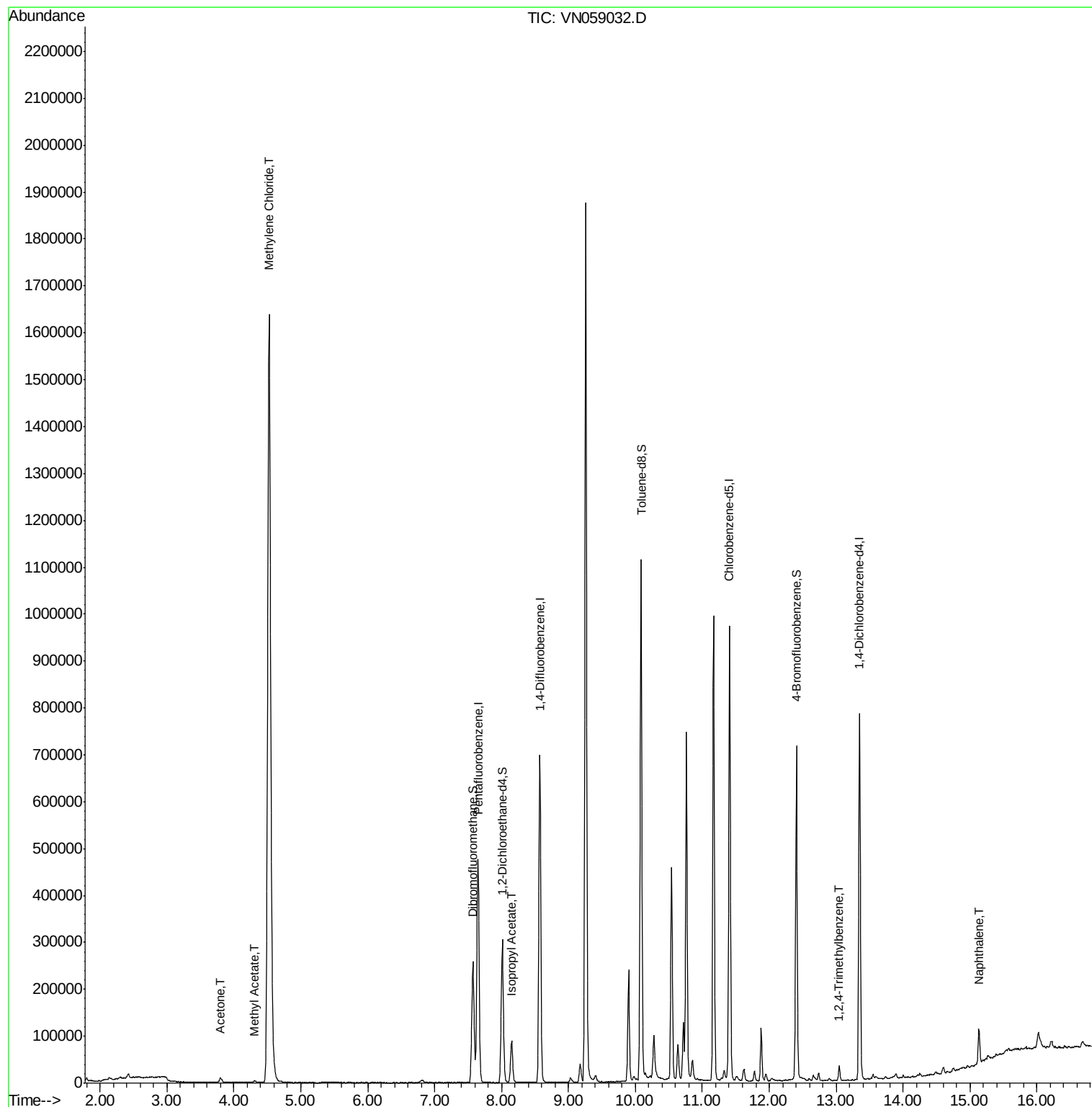
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	385069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	606955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	262252	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	7.57	113	194945	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	10.09	98	768605	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.41	95	243597	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
16) Acetone	3.80	43	17376	6.226	ug/l	100
18) Methyl Acetate	4.30	43	7010	1.105	ug/l	95
20) Methylene Chloride	4.53	84	1264412	265.341	ug/l	97
43) Isopropyl Acetate	8.15	43	105901	9.752	ug/l #	91
84) 1,2,4-Trimethylbenzene	13.05	105	17230	1.367	ug/l	100
95) Naphthalene	15.13	128	60337	7.061	ug/l	99

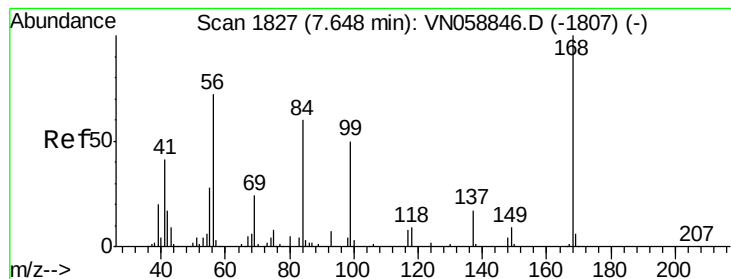
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

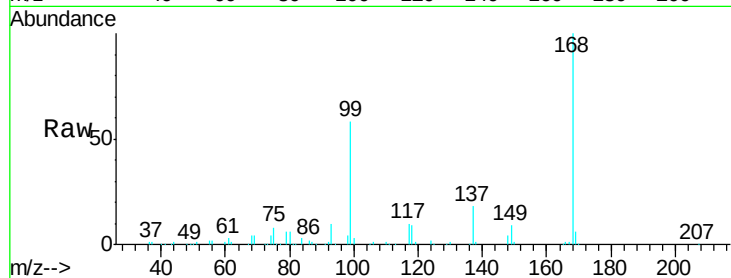
CL-01-103019

Tgt Ion:168 Resp: 385069

Ion Ratio Lower Upper

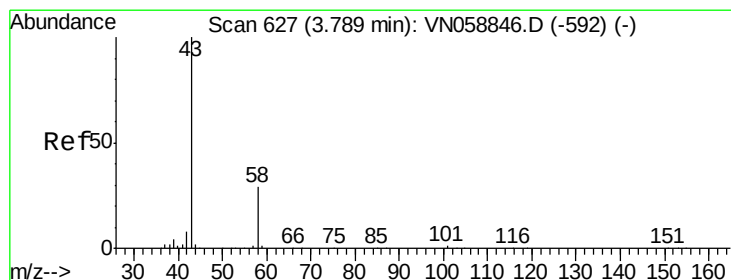
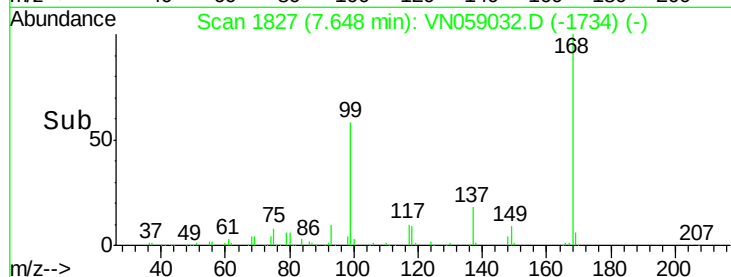
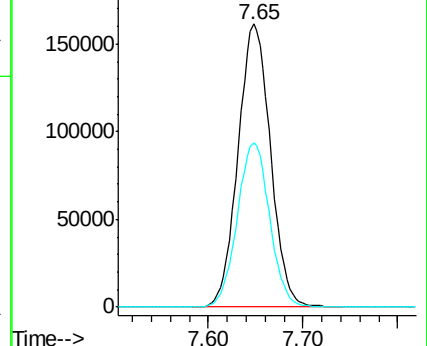
168 100

99 58.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.226 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059032.D

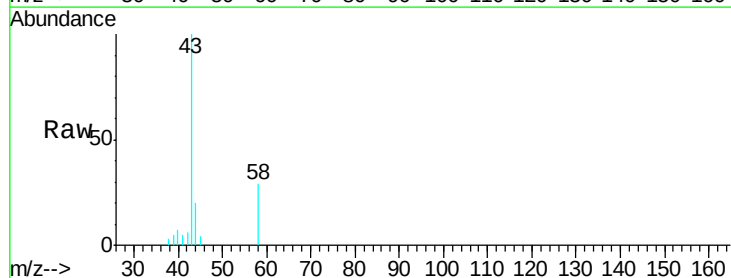
Acq: 31 Oct 2019 12:26

Tgt Ion: 43 Resp: 17376

Ion Ratio Lower Upper

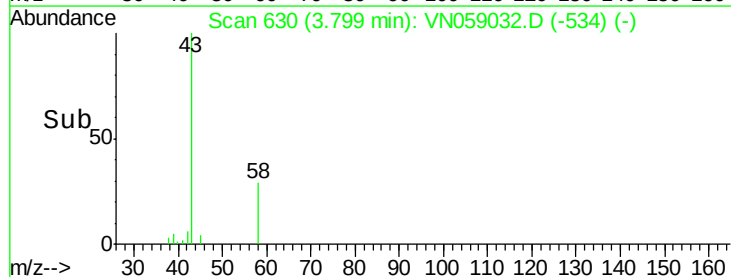
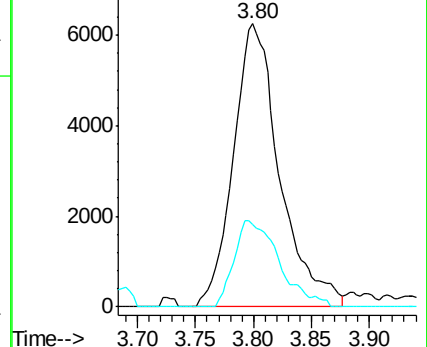
43 100

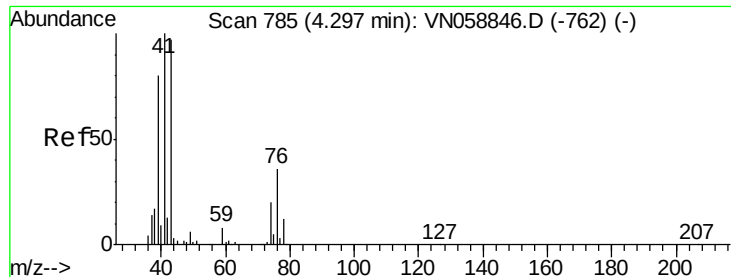
58 28.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

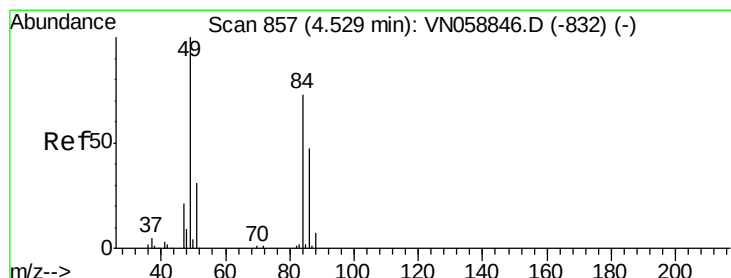
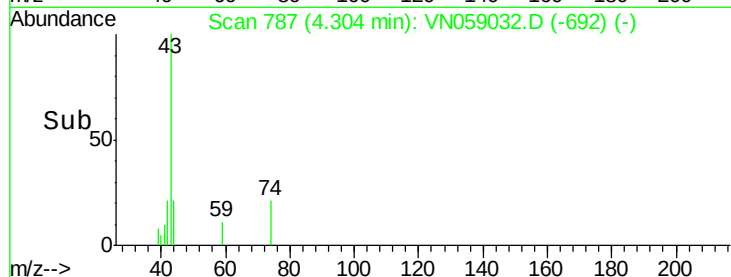
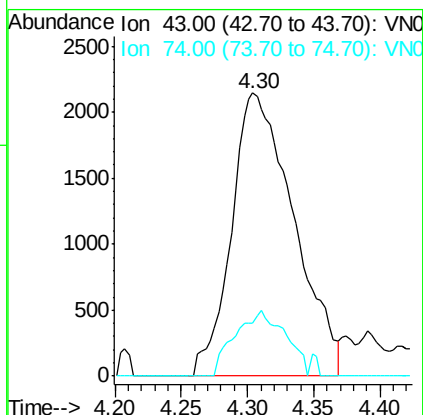
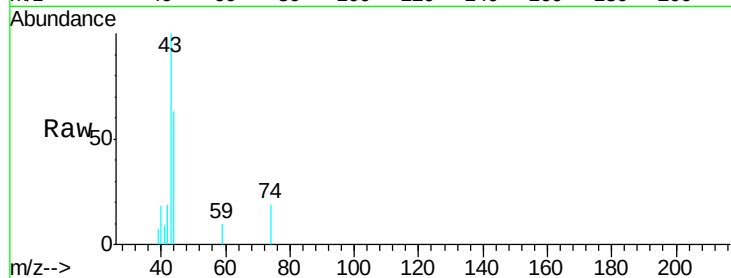




#18
Methyl Acetate
Concen: 1.105 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

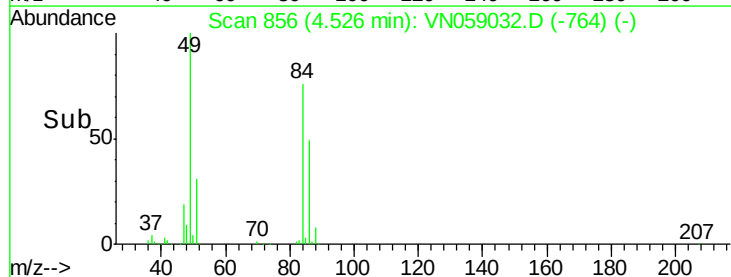
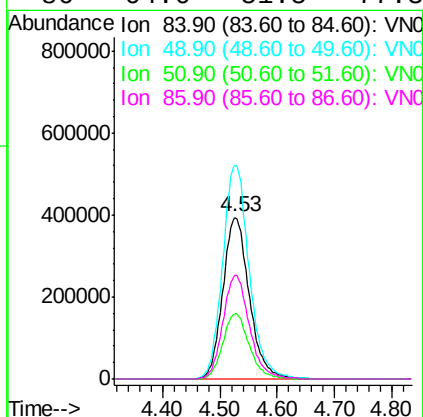
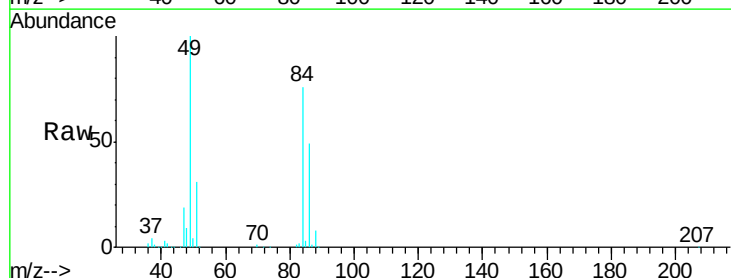
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MSVOA_N
ClientSampleId :
CL-01-103019

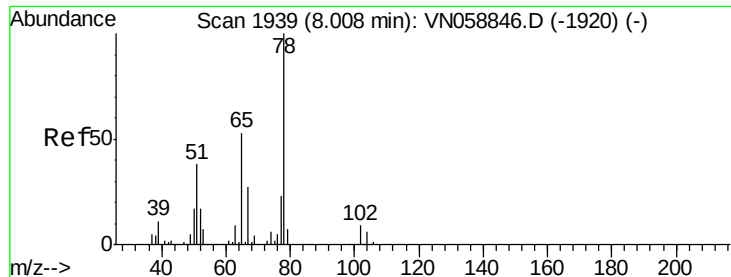
Tgt Ion: 43 Resp: 7010
Ion Ratio Lower Upper
43 100
74 18.8 17.1 25.7



#20
Methylene Chloride
Concen: 265.341 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Tgt Ion: 84 Resp: 1264412
Ion Ratio Lower Upper
84 100
49 132.4 109.6 164.4
51 40.6 33.8 50.6
86 64.6 51.5 77.3

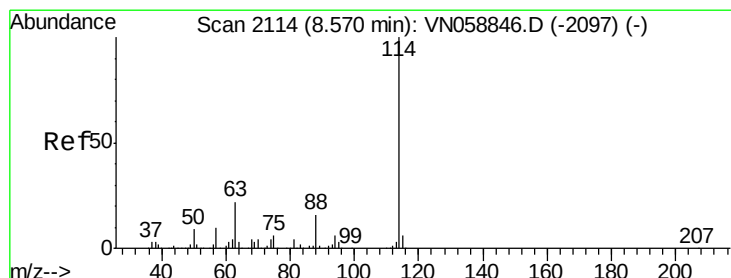
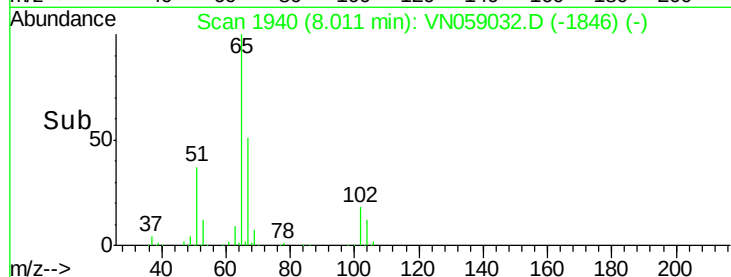
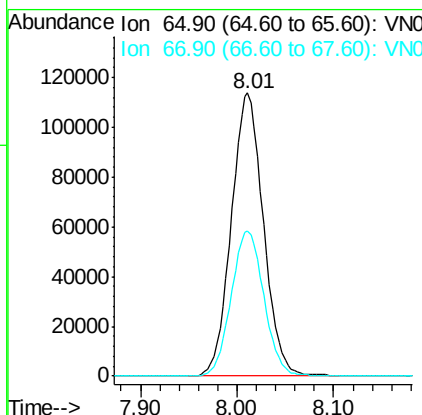
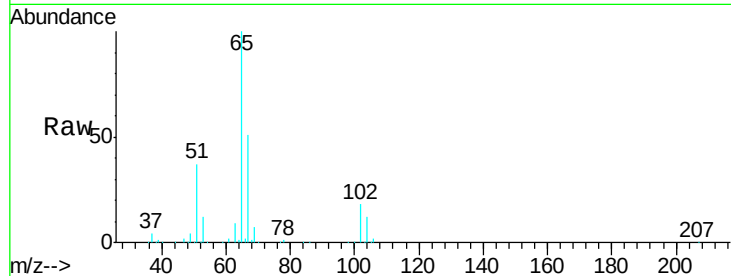




#33
 1,2-Dichloroethane-d4
 Concen: 46.436 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

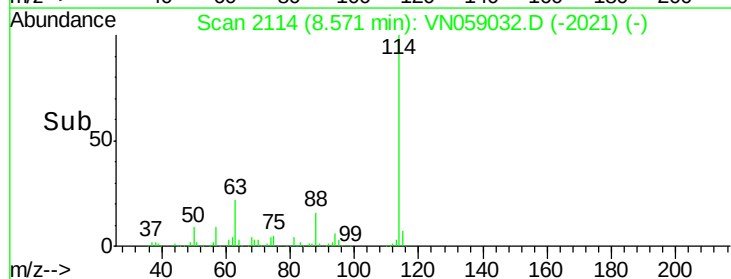
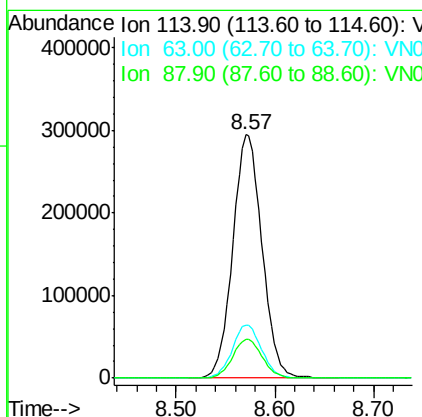
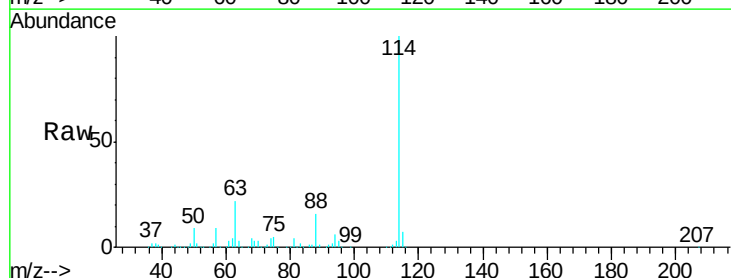
Instrument :
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 ClientSampleId :
 CL-01-103019

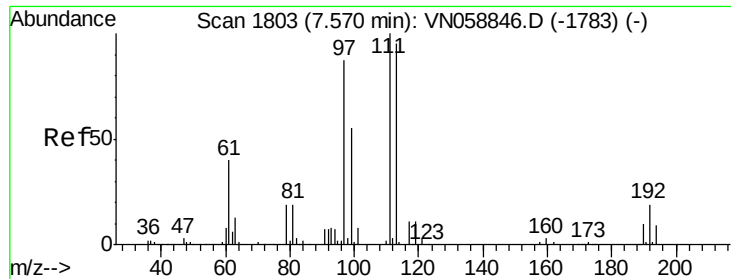
Tgt Ion: 65 Resp: 262252
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

Tgt Ion: 114 Resp: 606955
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.4
 88 15.9 0.0 31.4

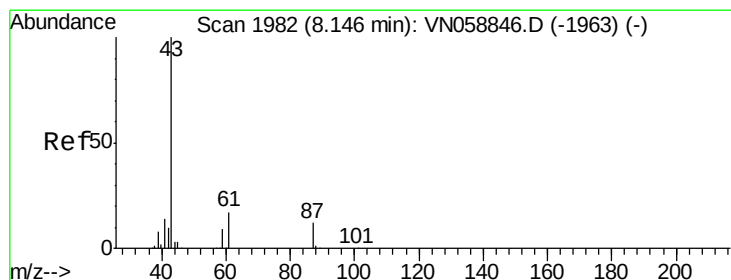
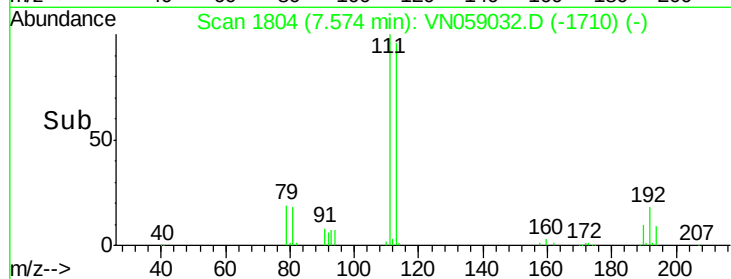
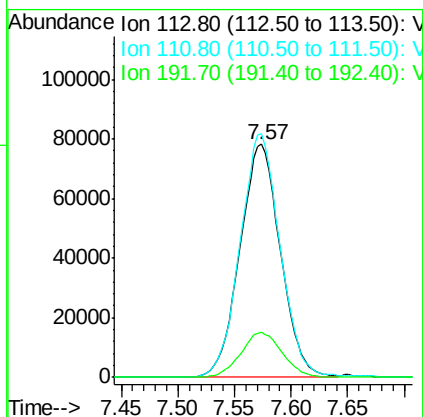
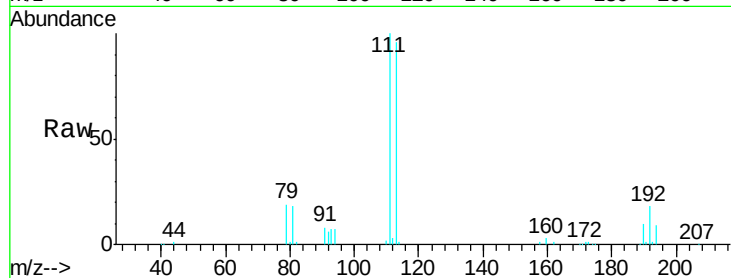




#35
 Dibromofluoromethane
 Concen: 48.851 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

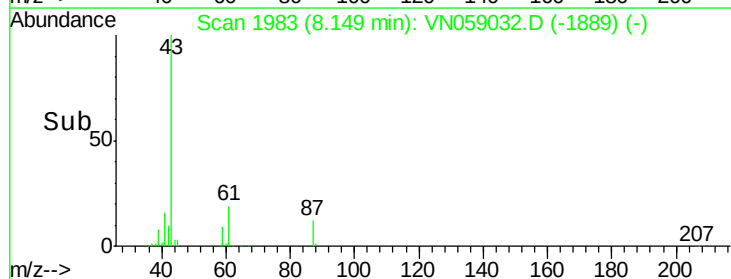
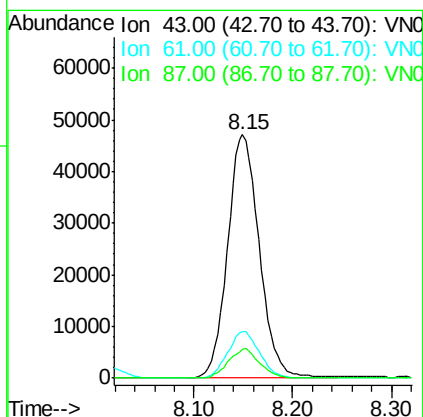
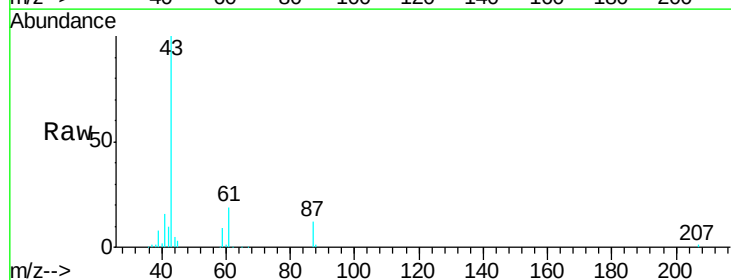
Instrument :
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 CL-01-103019

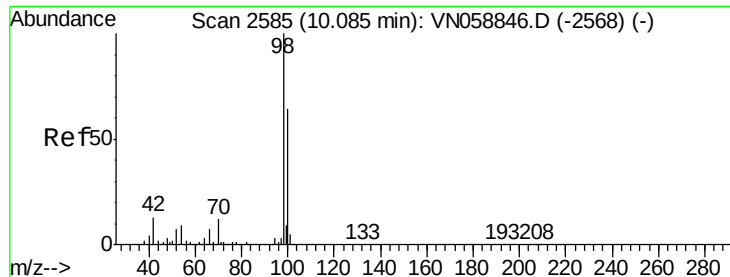
Tgt Ion: 113 Resp: 194945
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 19.7 15.0 22.6



#43
 Isopropyl Acetate
 Concen: 9.752 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

Tgt Ion: 43 Resp: 105901
 Ion Ratio Lower Upper
 43 100
 61 19.0 20.2 30.2#
 87 11.7 9.5 14.3





#50

Toluene-d8

Concen: 49.617 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

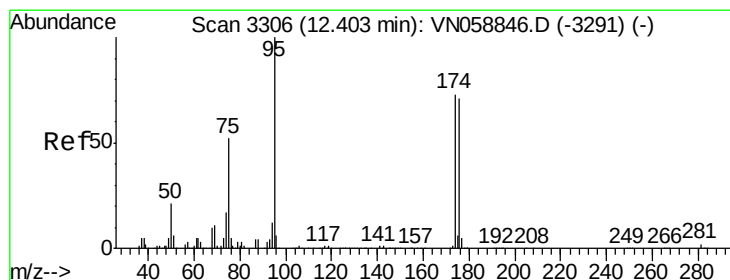
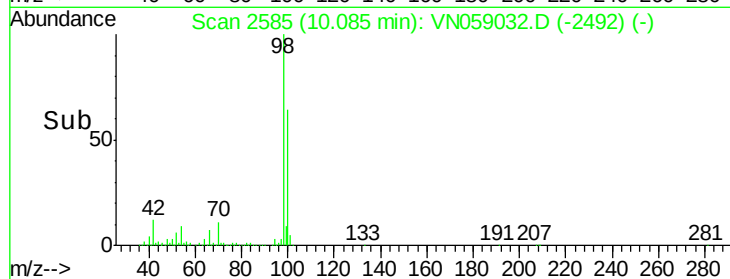
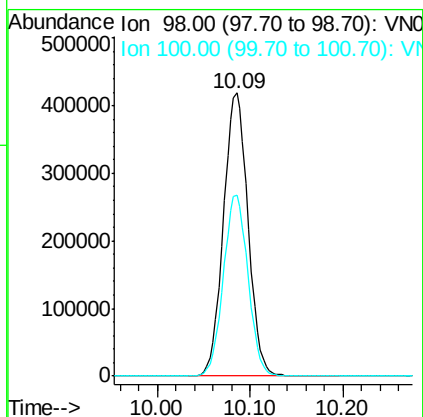
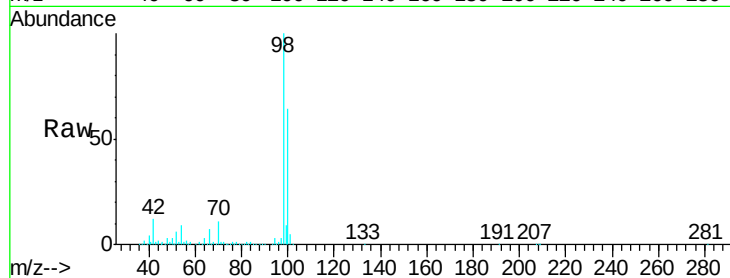
CL-01-103019

Tgt Ion: 98 Resp: 768605

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.822 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

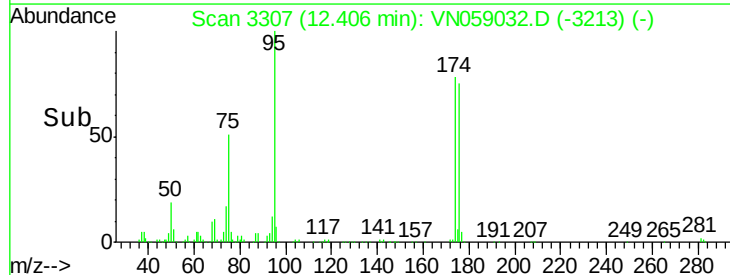
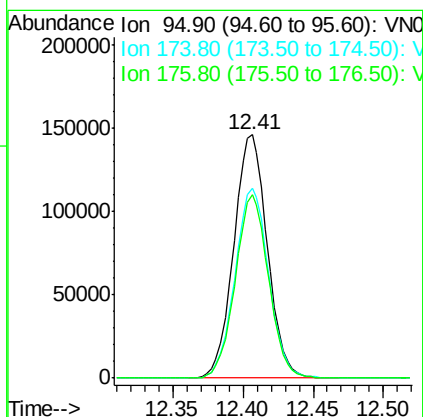
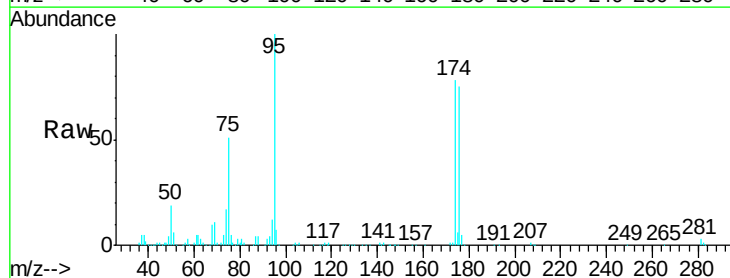
Tgt Ion: 95 Resp: 243597

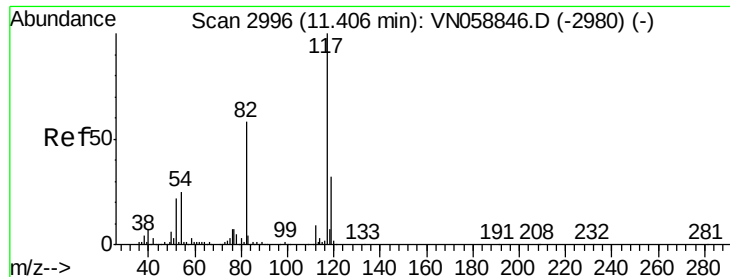
Ion Ratio Lower Upper

95 100

174 78.3 0.0 147.6

176 74.6 0.0 143.2

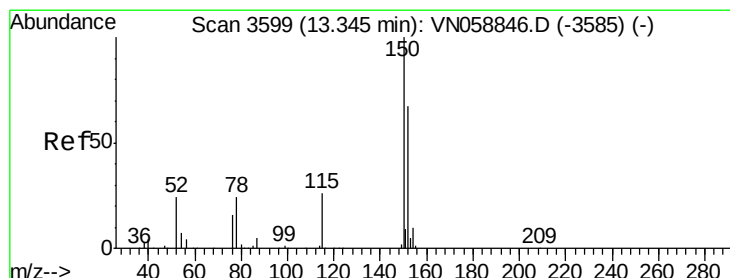
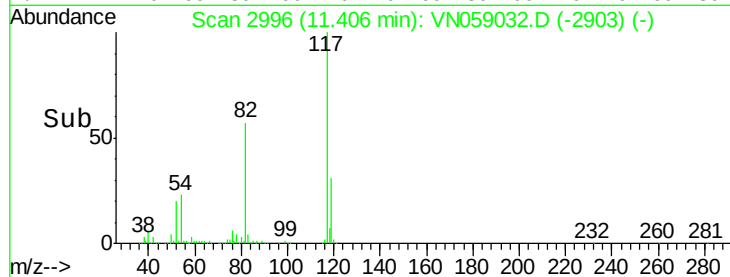
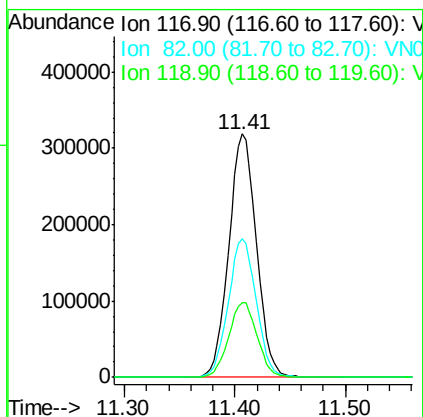
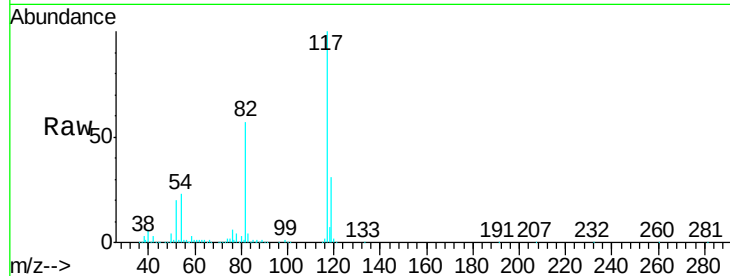




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

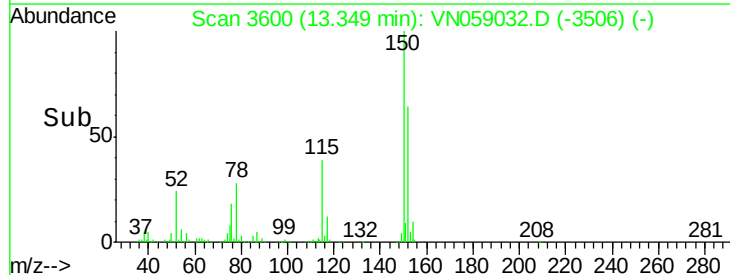
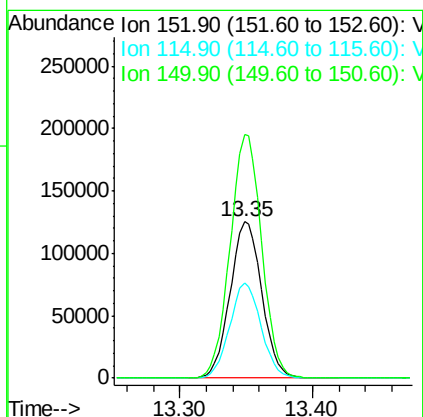
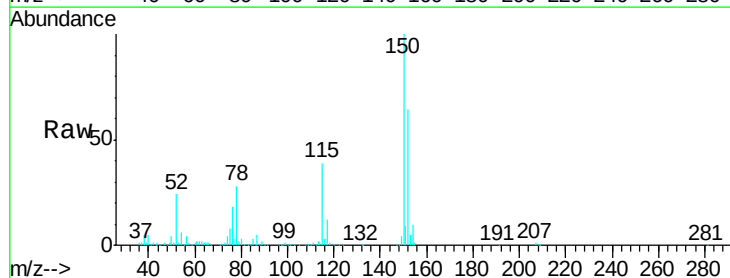
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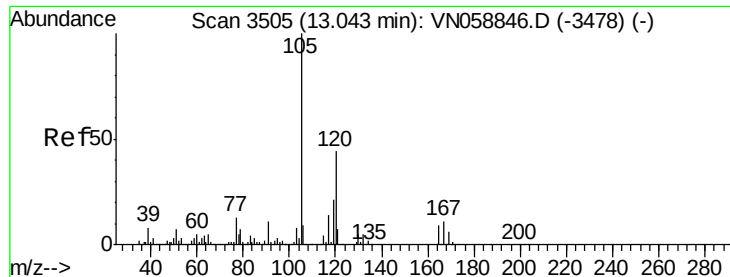
Tgt Ion:117 Resp: 553773
Ion Ratio Lower Upper
117 100
82 56.9 46.6 69.8
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Tgt Ion:152 Resp: 208149
Ion Ratio Lower Upper
152 100
115 60.2 30.5 91.5
150 155.3 0.0 344.4

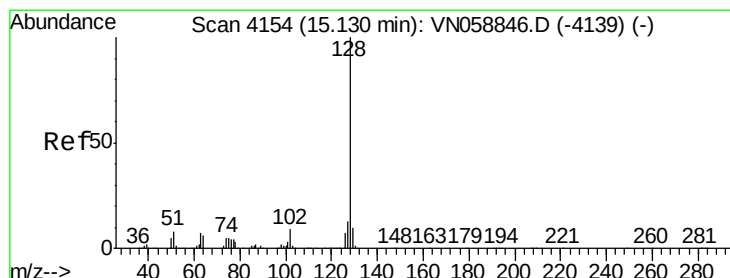
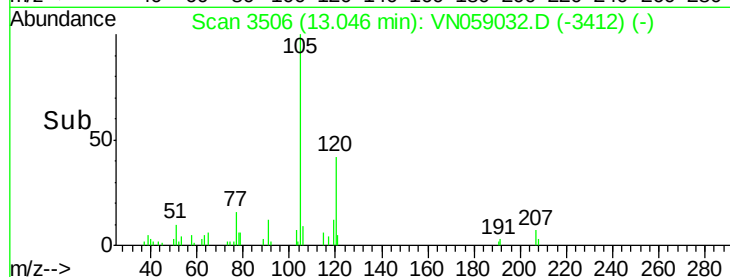
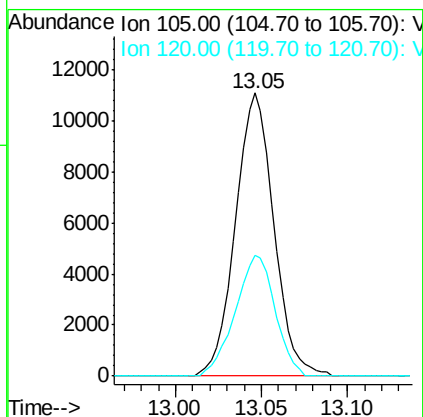
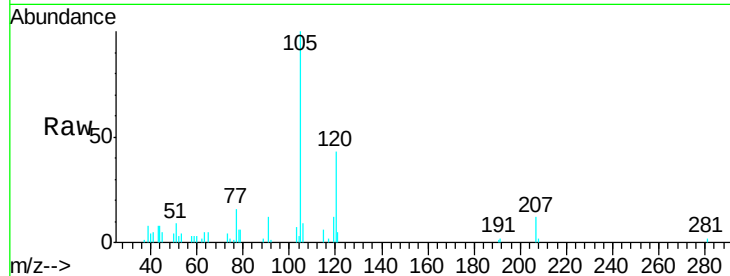




#84
 1,2,4-Trimethylbenzene
 Concen: 1.367 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

Instrument :
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 ClientSampleId :
 CL-01-103019

Tgt Ion:105 Resp: 17230
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.8



#95
 Naphthalene
 Concen: 7.061 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

Tgt Ion:128 Resp: 60337
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 10.9 8.4 12.6

