

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059033.D
 Acq On : 31 Oct 2019 12:48
 Operator : JC/SP
 Sample : K5147-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-103019

Quant Time: Nov 01 01:31:51 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

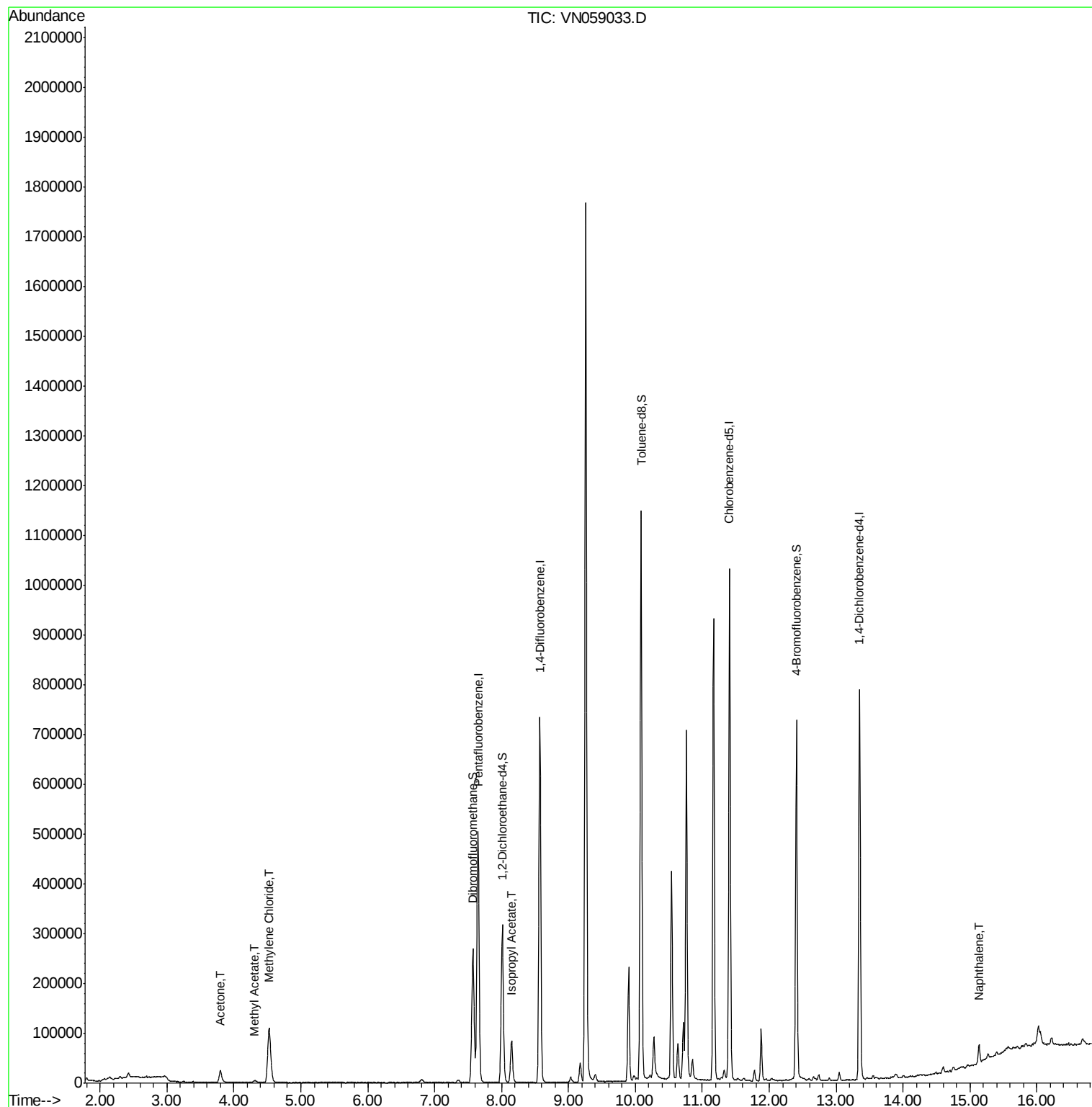
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	404265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	630977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	276004	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	7.57	113	203973	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	10.08	98	799226	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.41	95	254702	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
Target Compounds						
16) Acetone	3.80	43	41895	14.299	ug/l	98
18) Methyl Acetate	4.31	43	7008	1.052	ug/l	95
20) Methylene Chloride	4.53	84	84337	16.858	ug/l	96
43) Isopropyl Acetate	8.15	43	100333	8.888	ug/l #	92
95) Naphthalene	15.13	128	28211	4.440	ug/l	98

(#) = 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: 7.65 min Scan# 1827

Delta R.T. 0.00 min

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ClientSampleId :

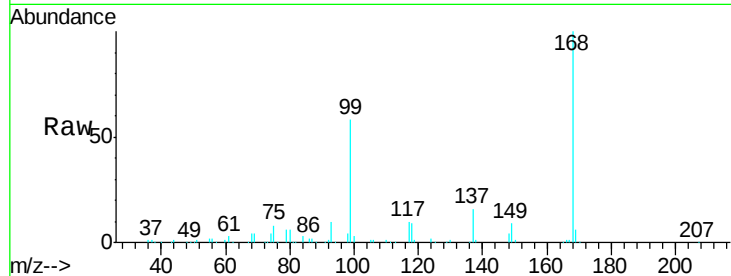
OK-01-103019

Tgt Ion:168 Resp: 404265

Ion Ratio Lower Upper

168 100

99 57.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

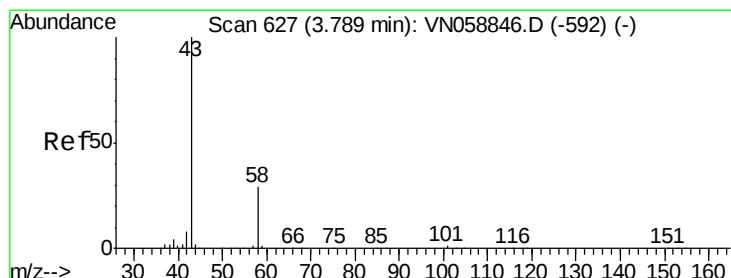
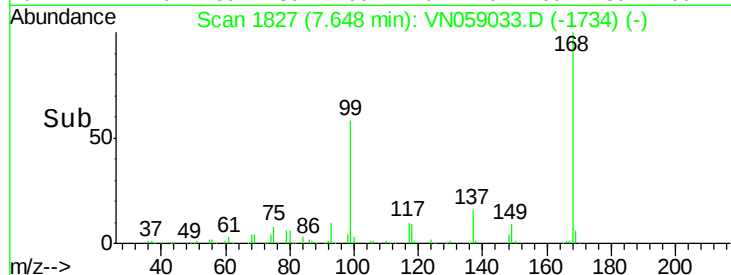
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.299 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059033.D

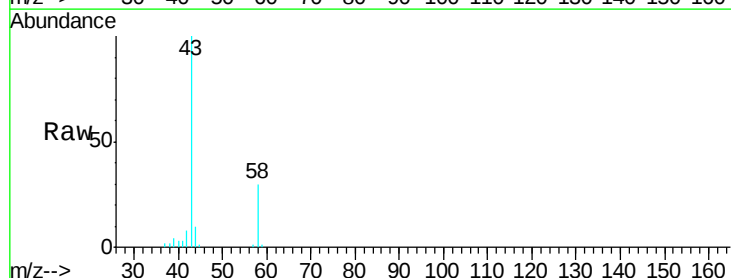
Acq: 31 Oct 2019 12:48

Tgt Ion: 43 Resp: 41895

Ion Ratio Lower Upper

43 100

58 29.8 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

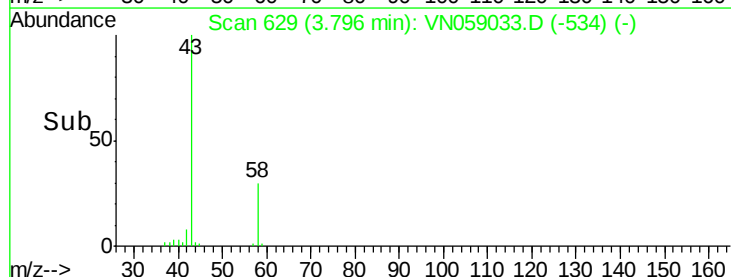
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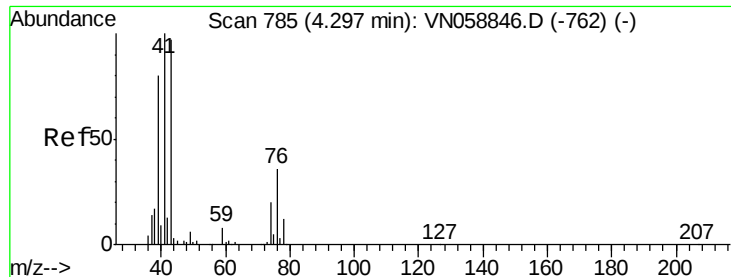
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Time-->

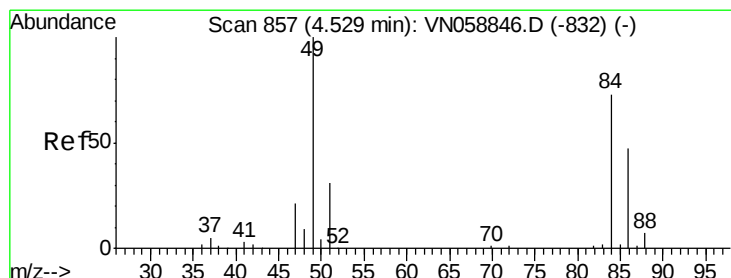
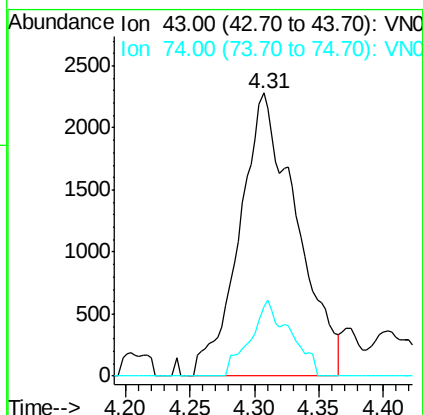
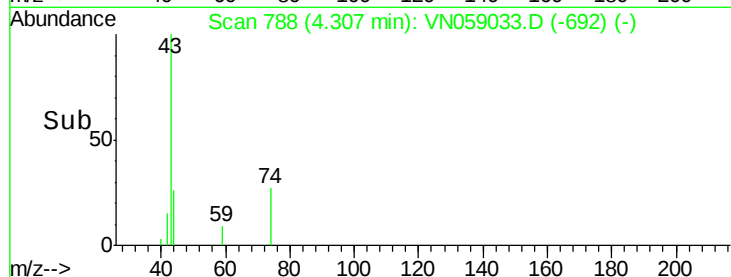
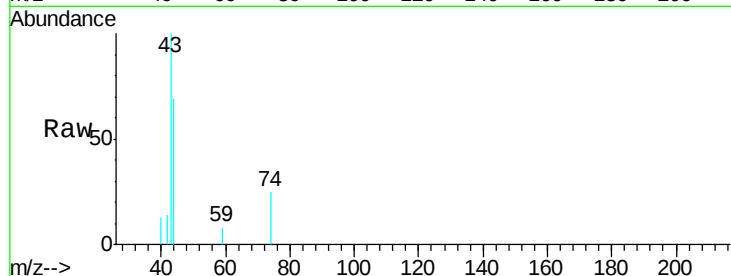




#18
Methyl Acetate
Concen: 1.052 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059033.D
Acq: 31 Oct 2019 12:48

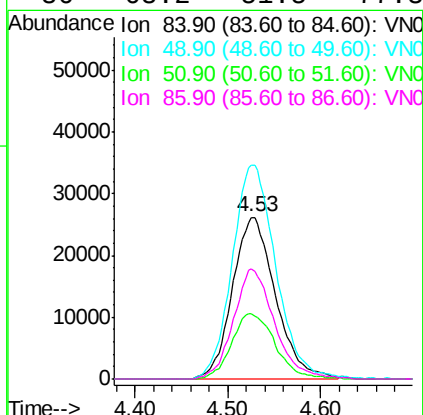
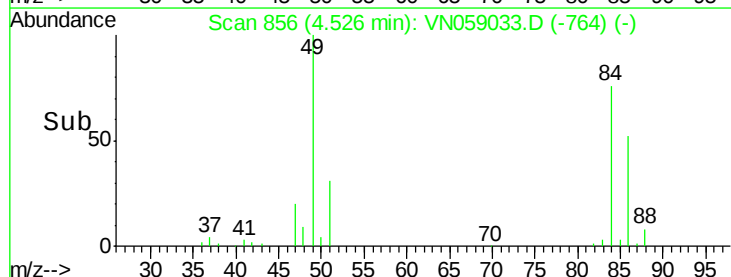
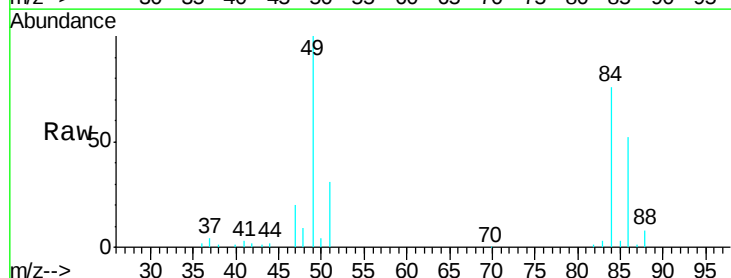
Instrument :
MSVOA_N
ClientSampleId :
OK-01-103019

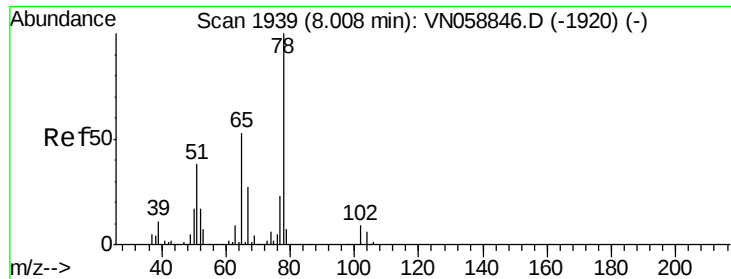
Tgt Ion: 43 Resp: 7008
Ion Ratio Lower Upper
43 100
74 18.8 17.1 25.7



#20
Methylene Chloride
Concen: 16.858 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059033.D
Acq: 31 Oct 2019 12:48

Tgt Ion: 84 Resp: 84337
Ion Ratio Lower Upper
84 100
49 132.3 109.6 164.4
51 40.4 33.8 50.6
86 68.2 51.5 77.3

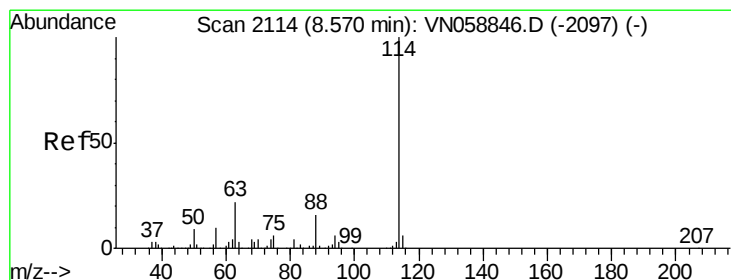
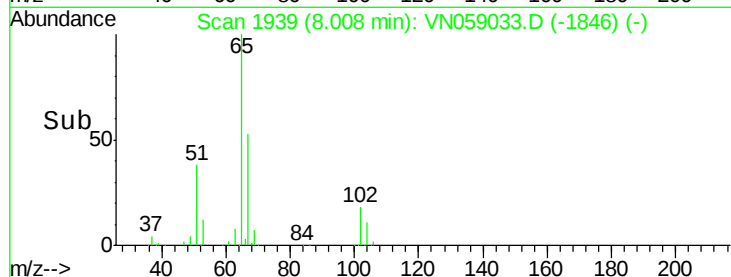
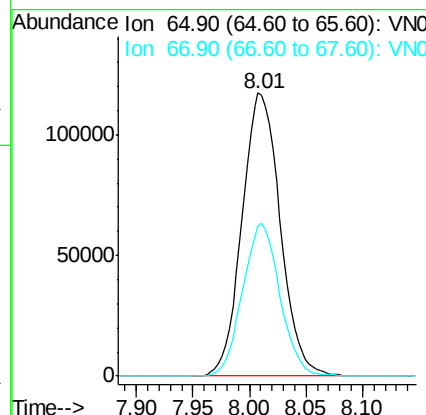
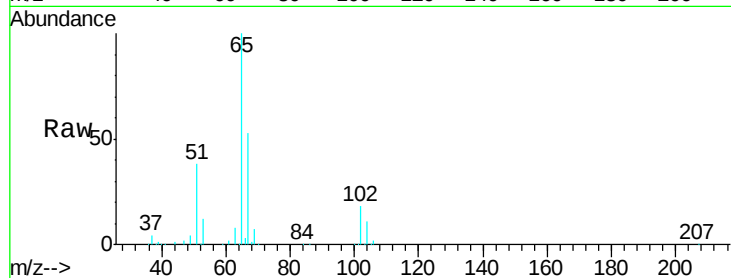




#33
 1,2-Dichloroethane-d4
 Concen: 46.550 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059033.D
 Acq: 31 Oct 2019 12:48

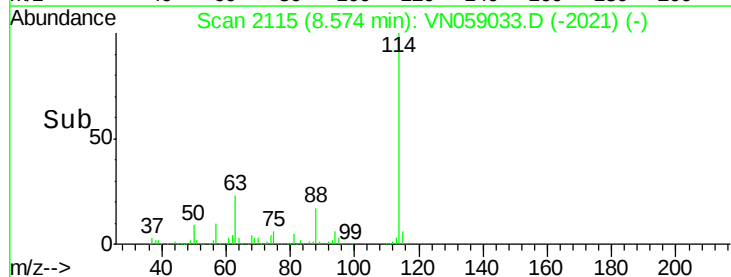
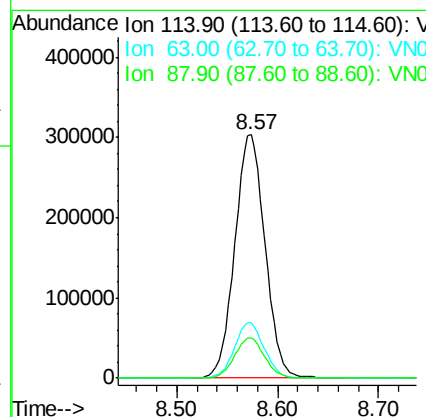
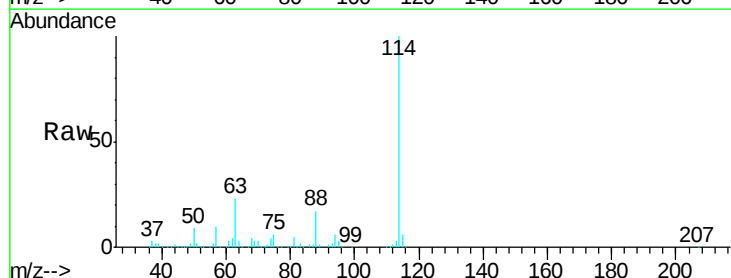
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-103019

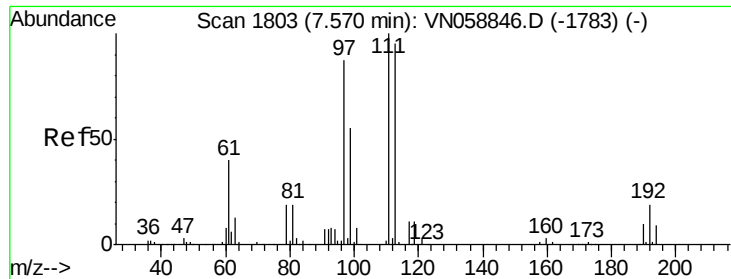
Tgt Ion: 65 Resp: 276004
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059033.D
 Acq: 31 Oct 2019 12:48

Tgt Ion: 114 Resp: 630977
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.4
 88 16.7 0.0 31.4

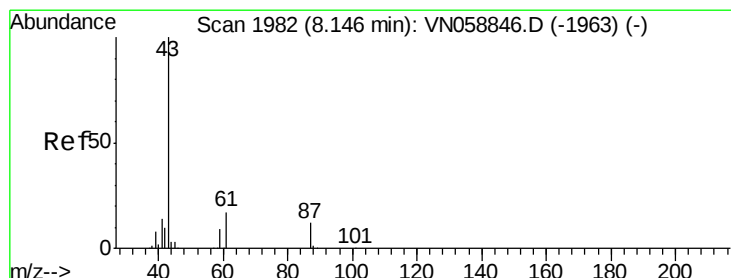
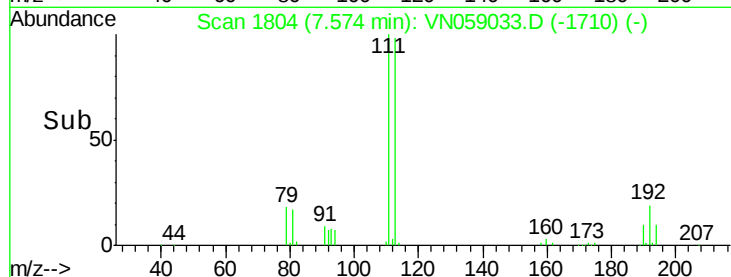
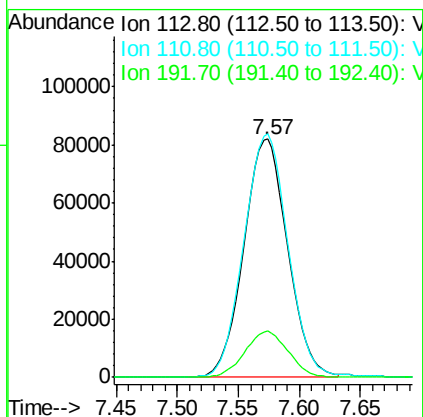
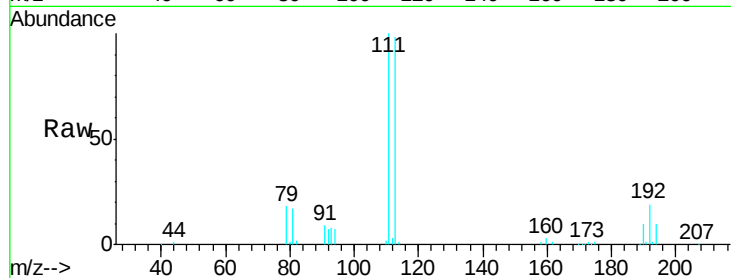




#35
 Dibromofluoromethane
 Concen: 49.168 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN059033.D
 Acq: 31 Oct 2019 12:48

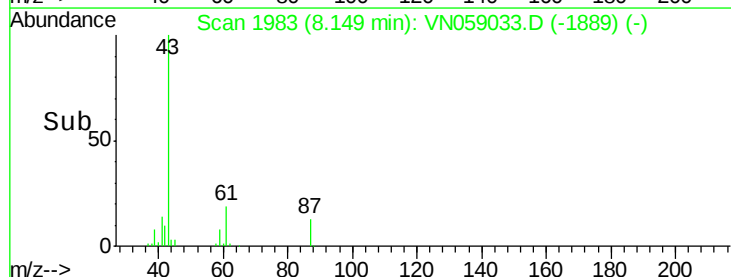
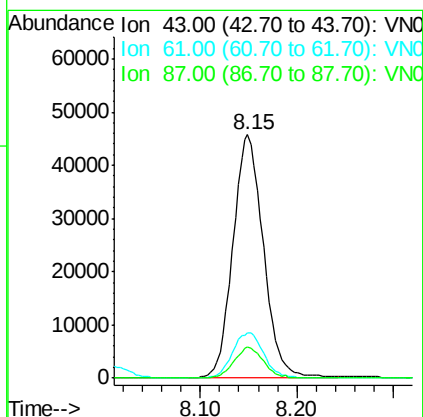
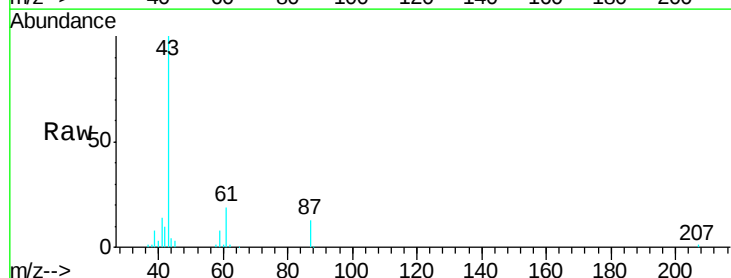
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-103019

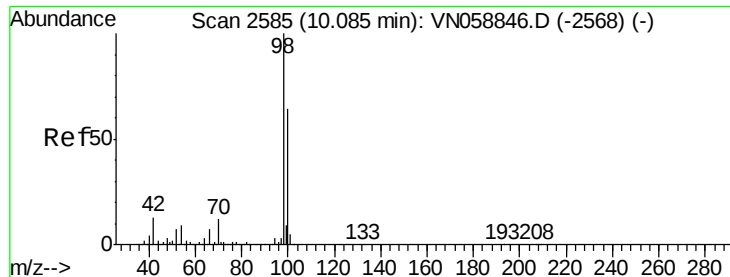
Tgt Ion: 113 Resp: 203973
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 19.2 15.0 22.6



#43
 Isopropyl Acetate
 Concen: 8.888 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN059033.D
 Acq: 31 Oct 2019 12:48

Tgt Ion: 43 Resp: 100333
 Ion Ratio Lower Upper
 43 100
 61 19.1 20.2 30.2#
 87 12.3 9.5 14.3





#50

Toluene-d8

Concen: 49.629 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059033.D

Acq: 31 Oct 2019 12:48

Instrument :

MSVOA_N

ClientSampleId :

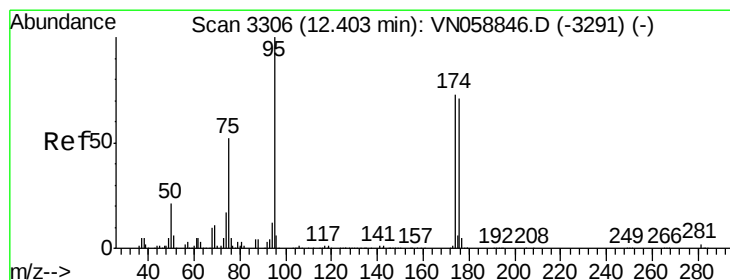
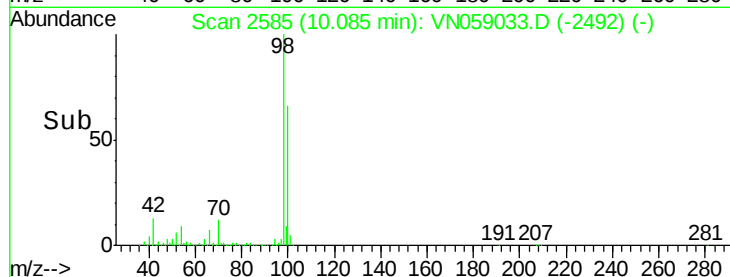
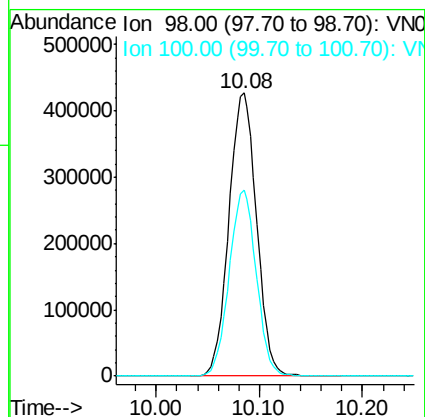
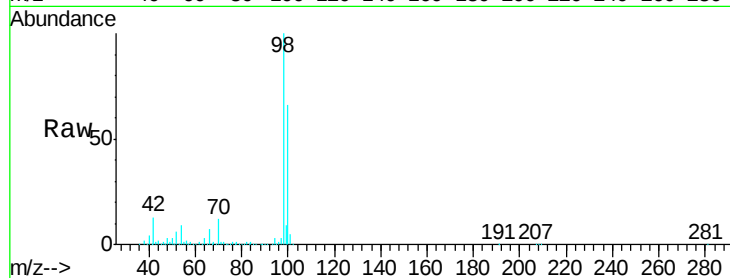
OK-01-103019

Tgt Ion: 98 Resp: 799226

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 43.069 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059033.D

Acq: 31 Oct 2019 12:48

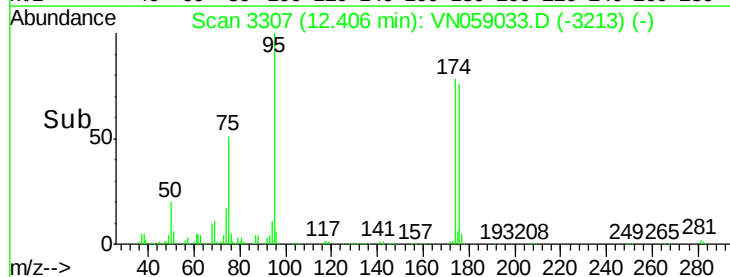
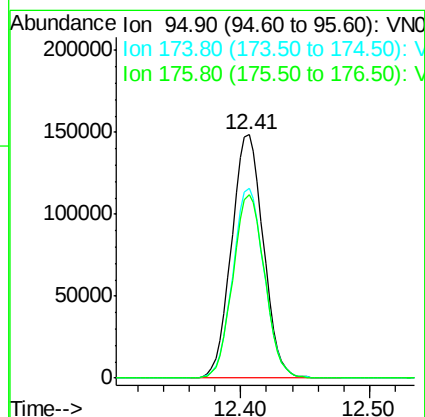
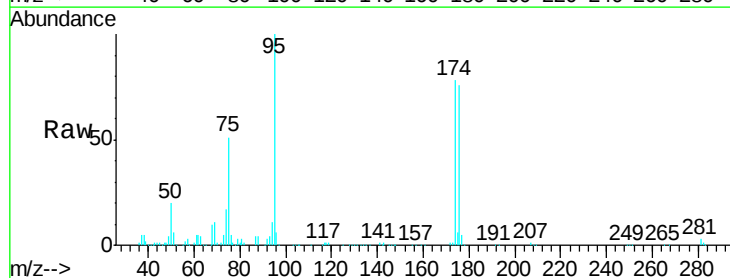
Tgt Ion: 95 Resp: 254702

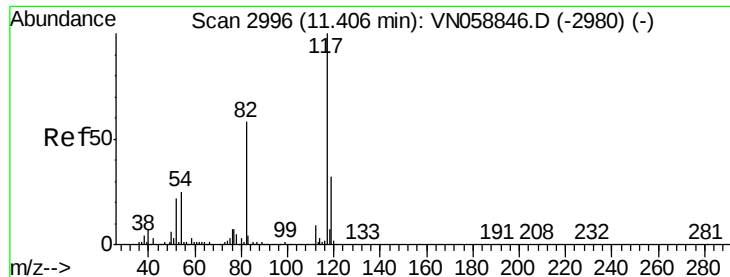
Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.6

176 75.5 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: VN059033.D

Acq: 31 Oct 2019 12:48

Instrument :

MSVOA_N

ClientSampleId :

OK-01-103019

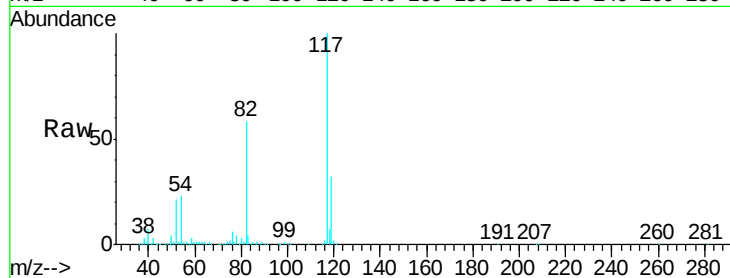
Tgt Ion:117 Resp: 579971

Ion Ratio Lower Upper

117 100

82 58.0 46.6 69.8

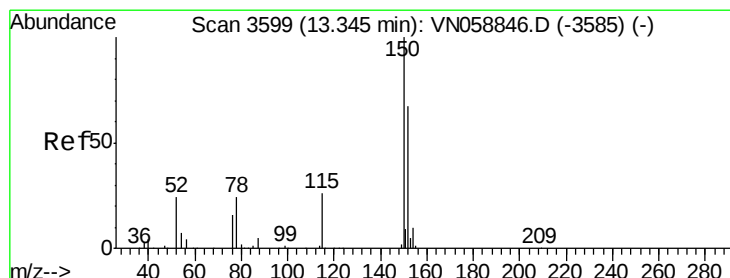
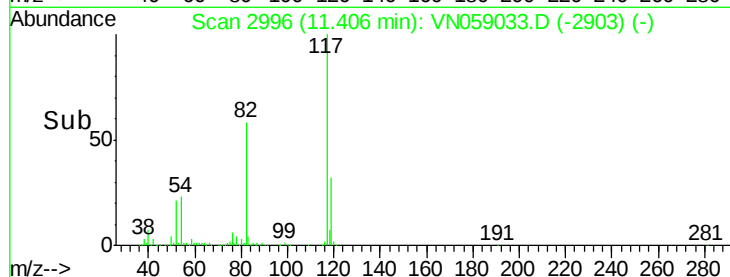
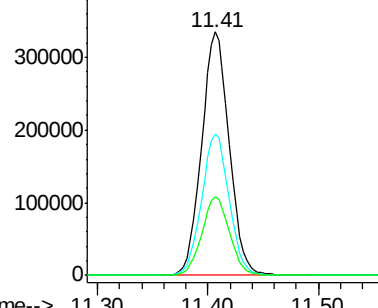
119 32.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VN059033.D

Acq: 31 Oct 2019 12:48

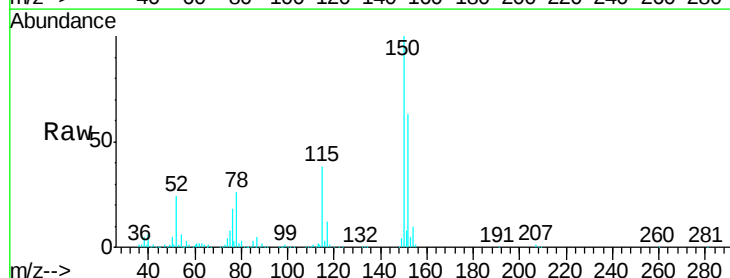
Tgt Ion:152 Resp: 212470

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

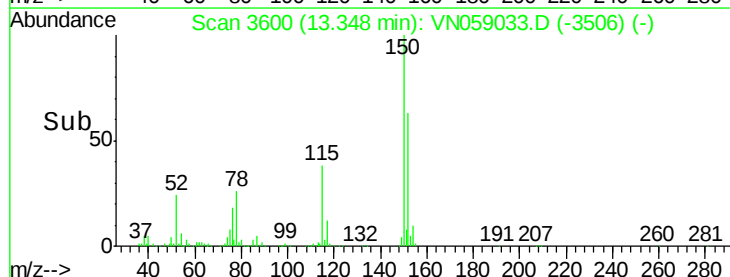
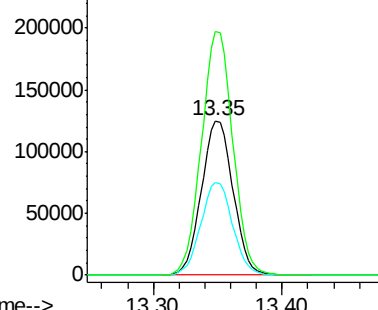
150 157.0 0.0 344.4

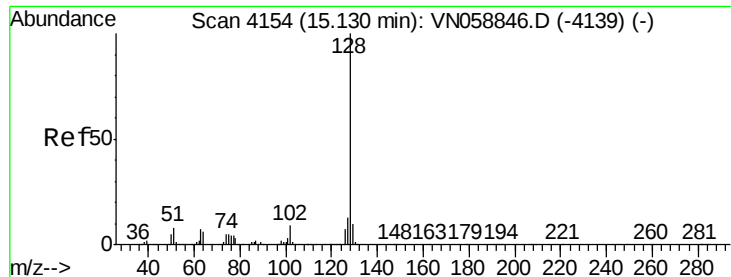


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.440 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059033.D

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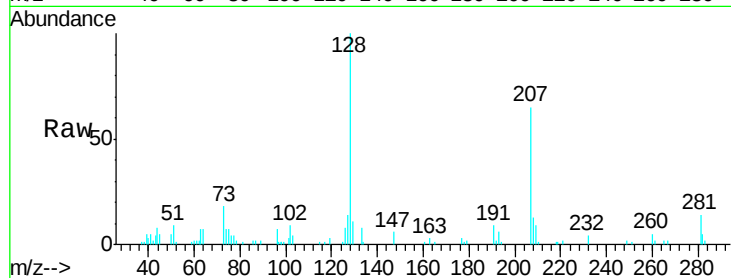
Tgt Ion:128 Resp: 28211

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.1 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

