

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059995.D
 Acq On : 4 Feb 2020 15:33
 Operator : JC/MD
 Sample : L1368-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-020320

Quant Time: Feb 05 02:35:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

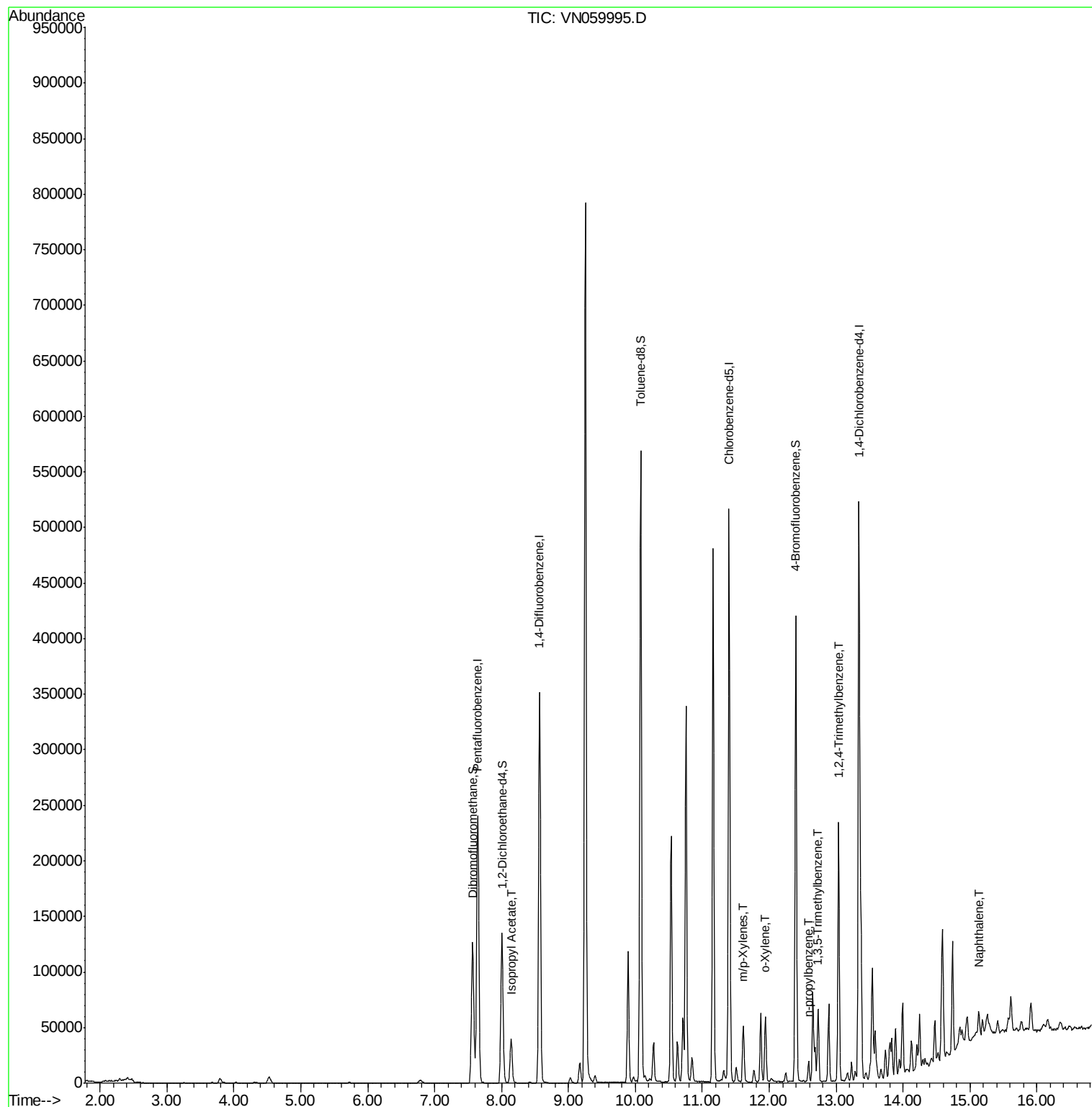
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117629	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	7.57	113	96951	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.08	98	385260	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.40	95	139883	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	47190	10.395	ug/l	93
68) m/p-Xylenes	11.61	106	16278	4.031	ug/l	93
69) o-Xylene	11.94	106	16459	4.163	ug/l	96
78) n-propylbenzene	12.59	91	15325	1.325	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	36076	4.164	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	131848	15.383	ug/l	99
95) Naphthalene	15.13	128	19187	2.506	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

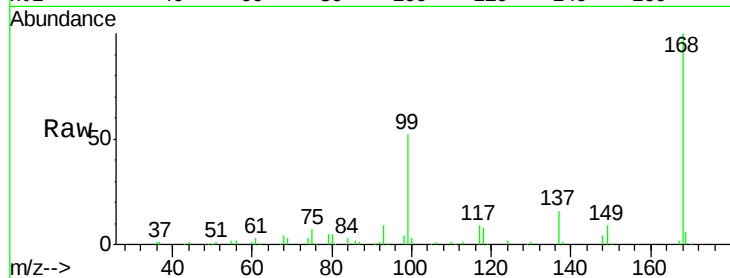
EO-01-020320

Tot Ion:168 Resp: 208104

Ion Ratio Lower Upper

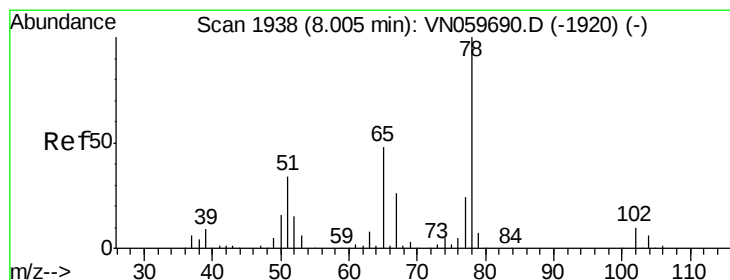
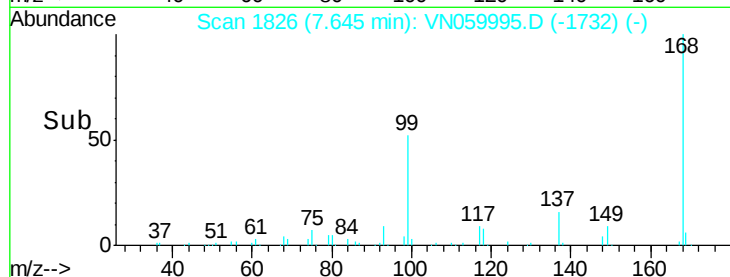
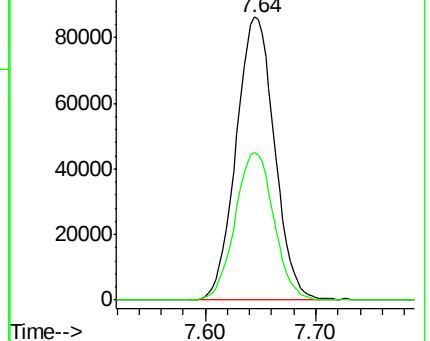
168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.899 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059995.D

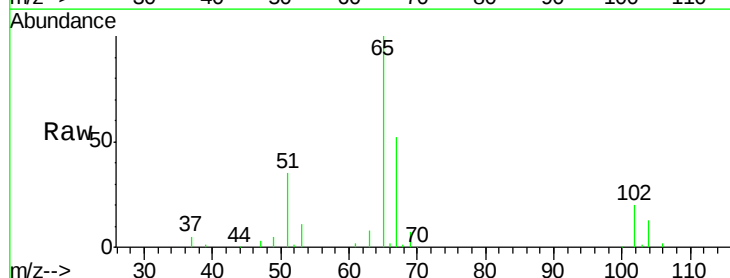
Acq: 4 Feb 2020 15:33

Tgt Ion: 65 Resp: 117629

Ion Ratio Lower Upper

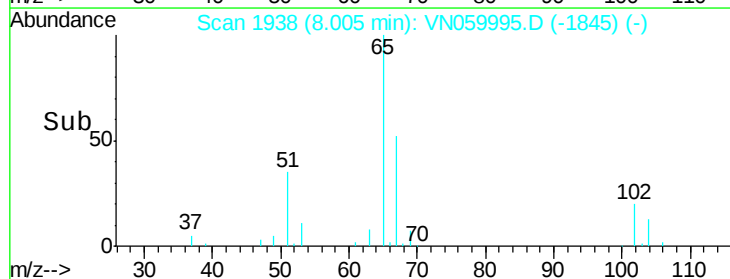
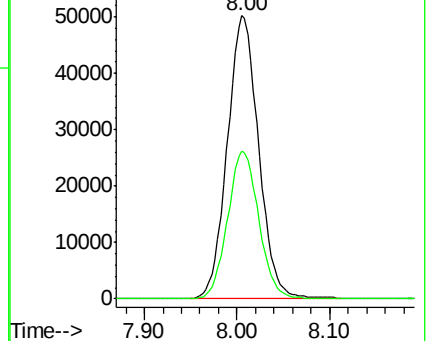
65 100

67 51.8 0.0 103.0



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# 2113

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

EO-01-020320

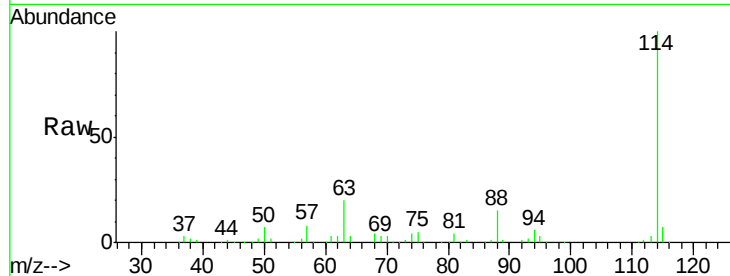
Tot Ion:114 Resp: 323133

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.6

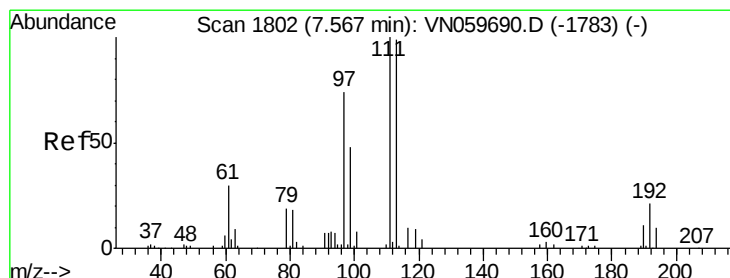
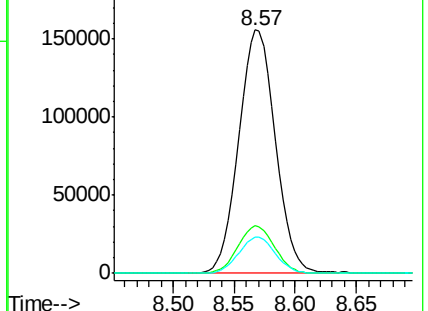
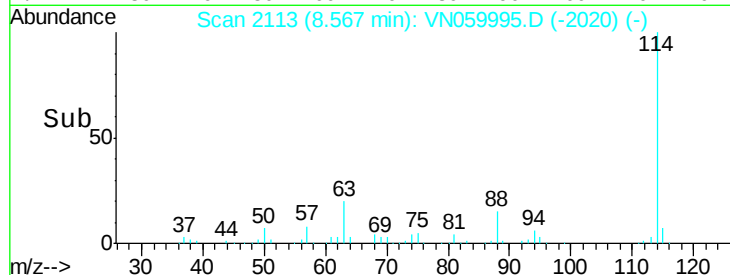
88 14.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.312 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

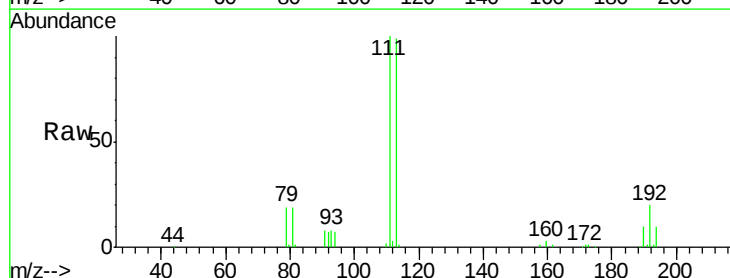
Tgt Ion:113 Resp: 96951

Ion Ratio Lower Upper

113 100

111 103.7 83.5 125.3

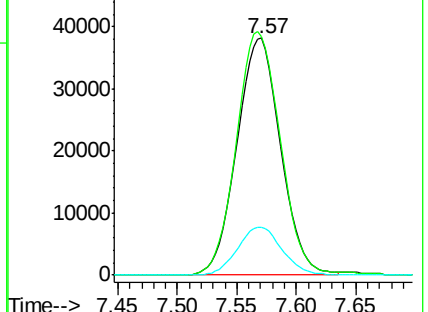
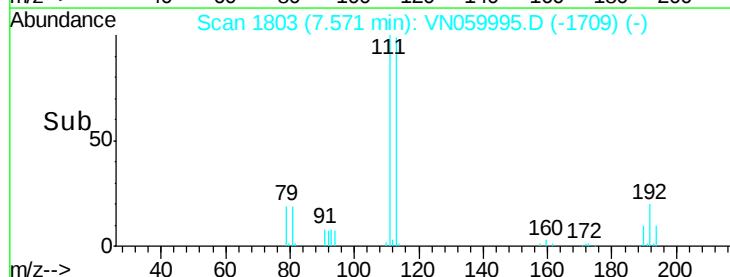
192 20.6 15.4 23.2

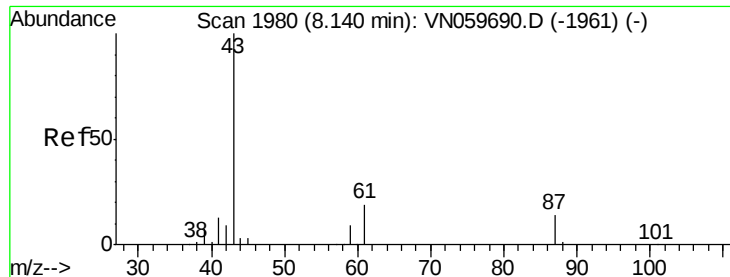


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.395 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

EO-01-020320

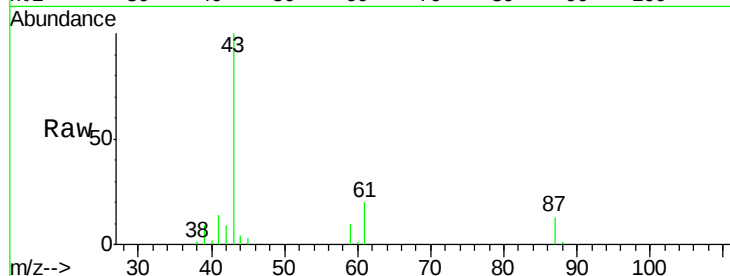
Tot Ion: 43 Resp: 47190

Ion Ratio Lower Upper

43 100

61 20.6 20.2 30.2

87 13.3 9.5 14.3



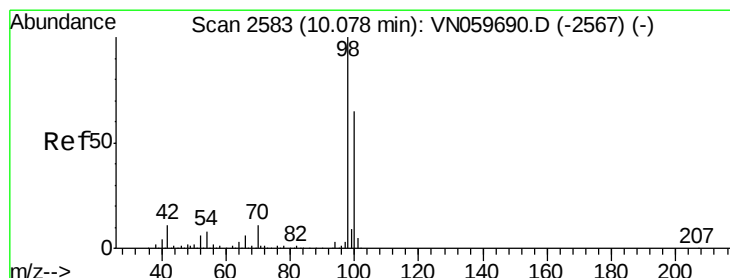
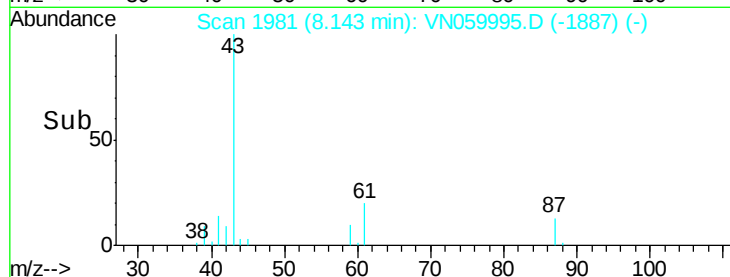
Abundance Ion 43.00 (42.70 to 43.70): VN059995.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059995.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059995.D (-1961) (-)

8.14

Time-->



#50

Toluene-d8

Concen: 51.601 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059995.D

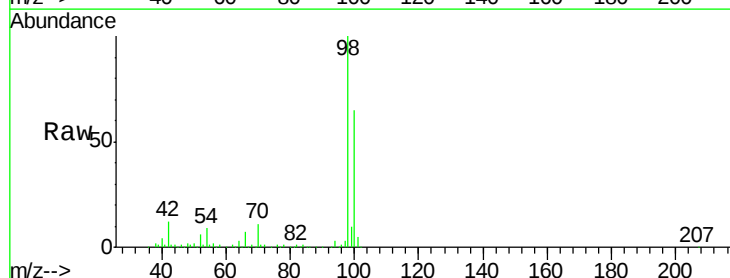
Acq: 4 Feb 2020 15:33

Tgt Ion: 98 Resp: 385260

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8

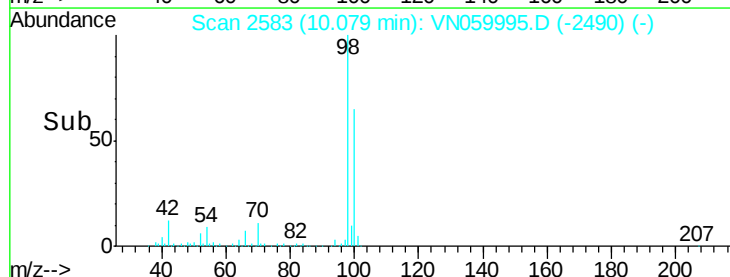


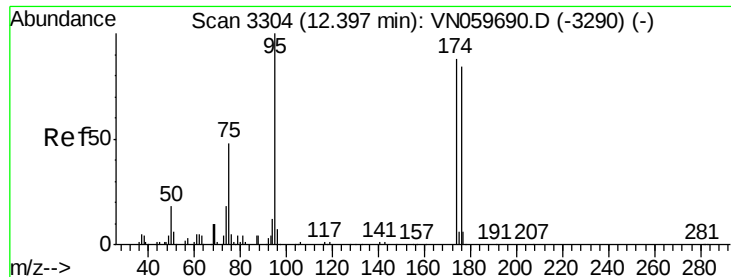
Abundance Ion 98.00 (97.70 to 98.70): VN059995.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059995.D (-2567) (-)

10.08

Time-->

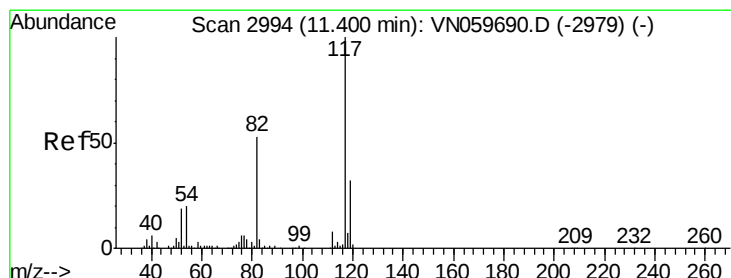
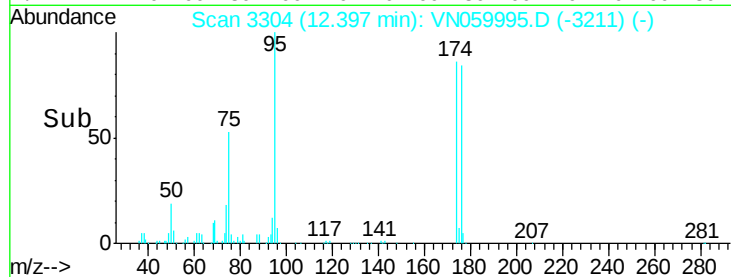
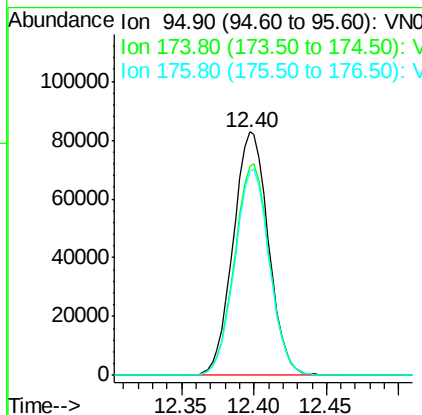
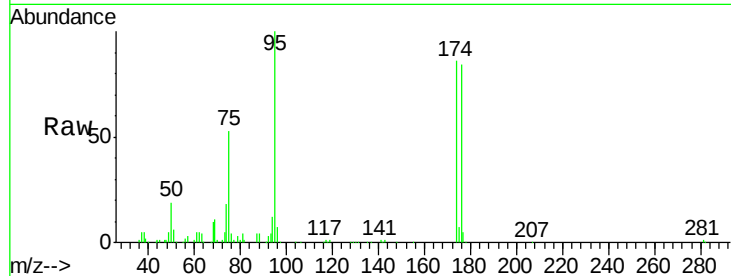




#62
4-Bromofluorobenzene
Concen: 51.972 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

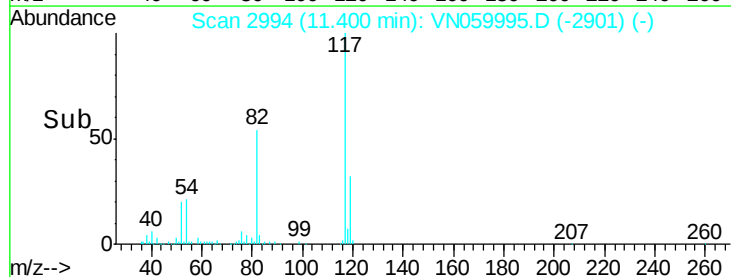
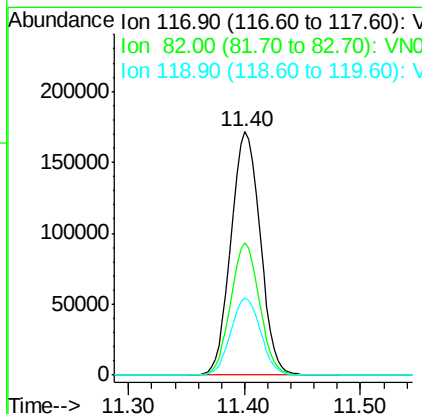
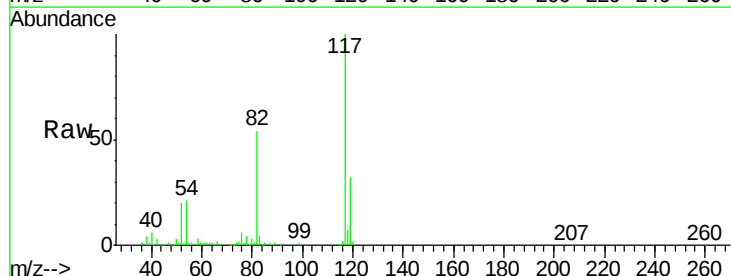
Instrument :
MSVOA_N
ClientSampled :
EO-01-020320

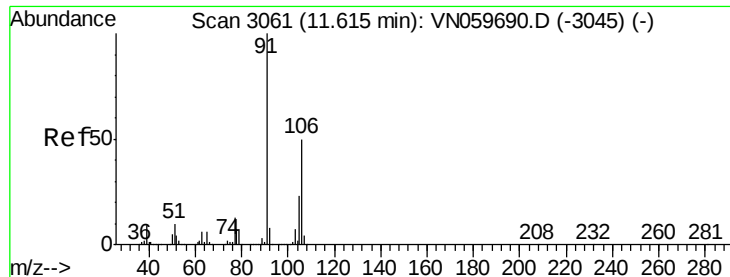
Tot Ion: 95 Resp: 139883
Ion Ratio Lower Upper
95 100
174 86.5 0.0 151.4
176 83.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion: 117 Resp: 299606
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 31.9 25.5 38.3

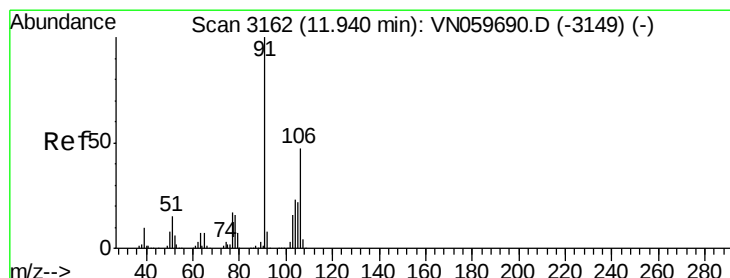
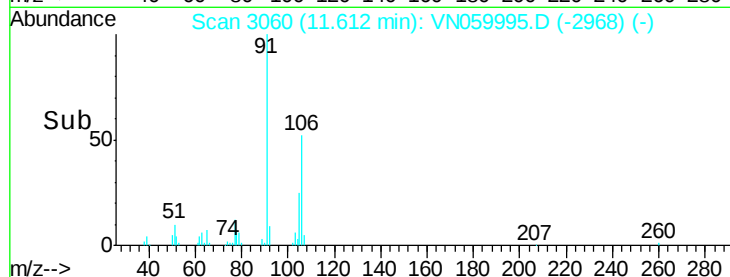
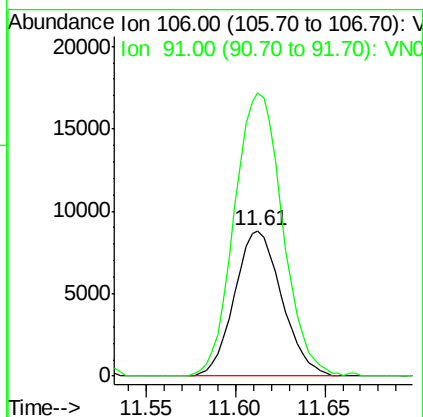
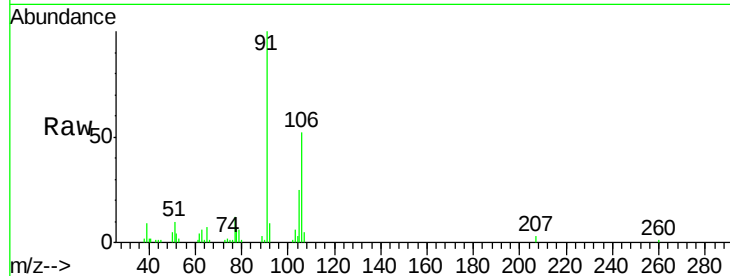




#68
m/p-Xvlenes
Concen: 4.031 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

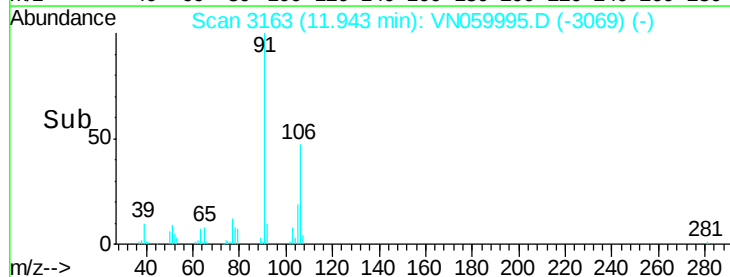
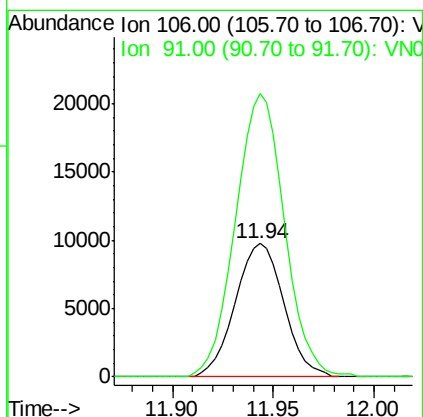
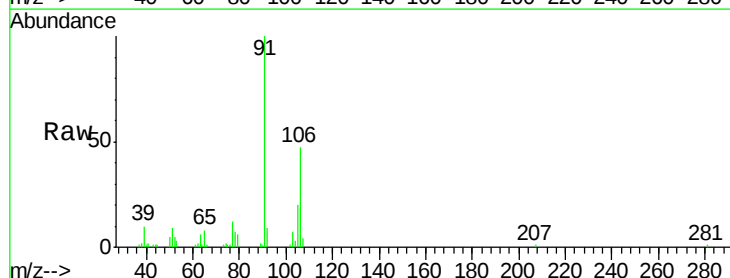
Instrument :
MSVOA_N
ClientSampleId :
EO-01-020320

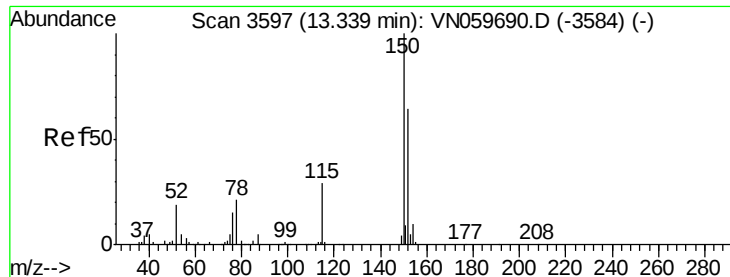
Tot Ion:106 Resp: 16278
Ion Ratio Lower Upper
106 100
91 198.7 167.9 251.9



#69
o-Xylene
Concen: 4.163 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion:106 Resp: 16459
Ion Ratio Lower Upper
106 100
91 214.1 110.3 330.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

EO-01-020320

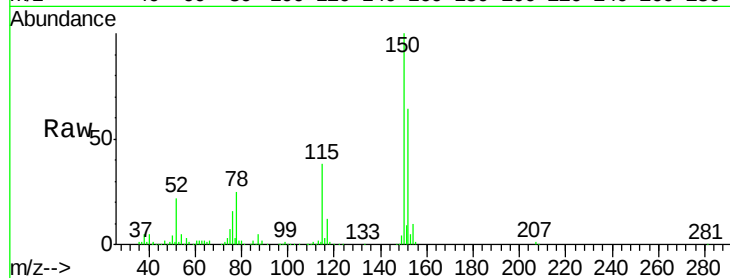
Tot Ion:152 Resp: 140463

Ion Ratio Lower Upper

152 100

115 61.2 30.3 90.9

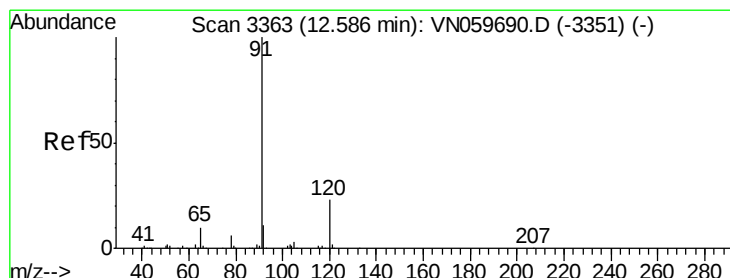
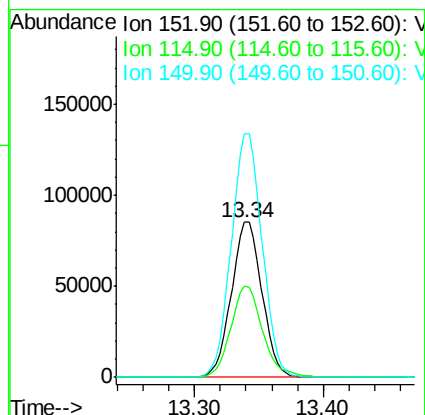
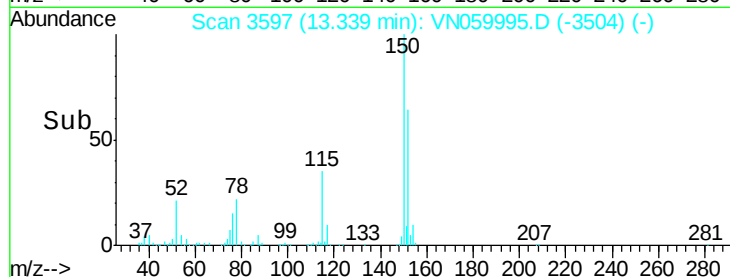
150 158.1 0.0 345.2



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



#78

n-propylbenzene

Concen: 1.325 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059995.D

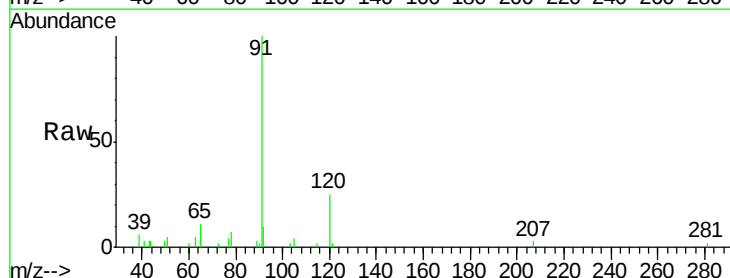
Acq: 4 Feb 2020 15:33

Tgt Ion: 91 Resp: 15325

Ion Ratio Lower Upper

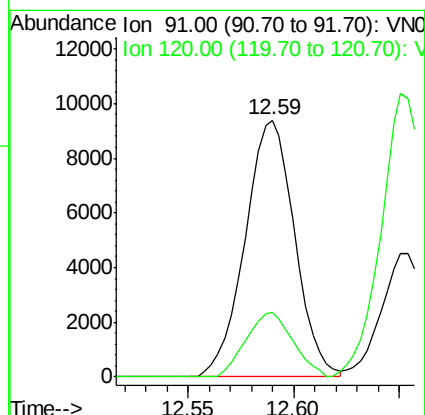
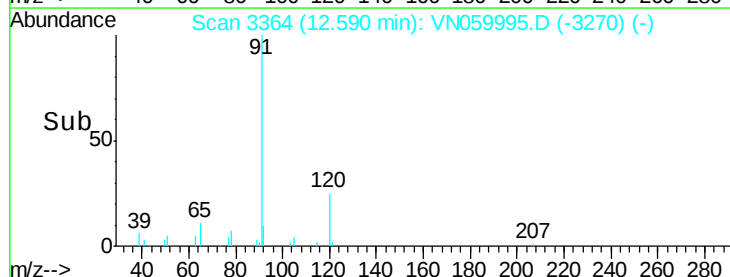
91 100

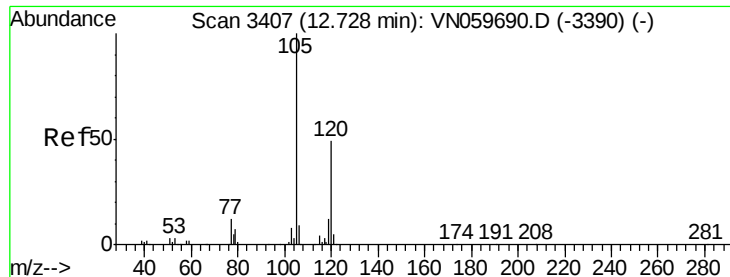
120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 4.164 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

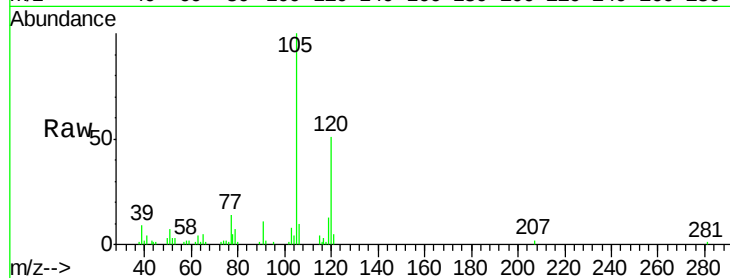
EO-01-020320

Tot Ion:105 Resp: 36076

Ion Ratio Lower Upper

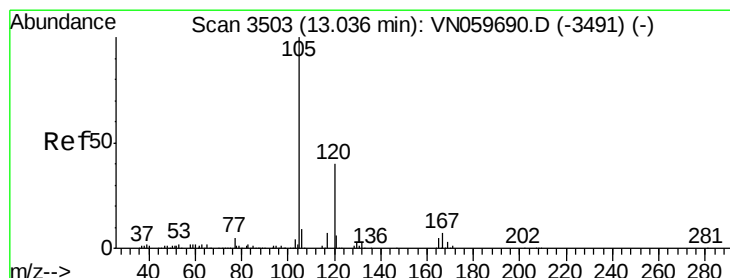
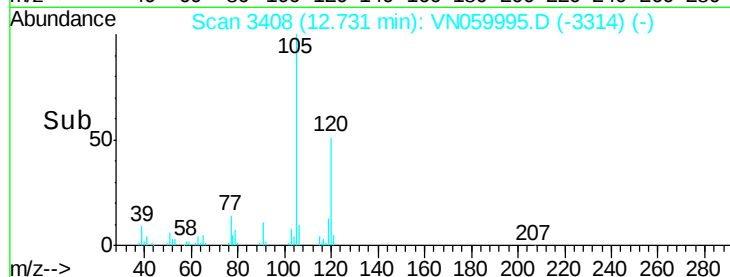
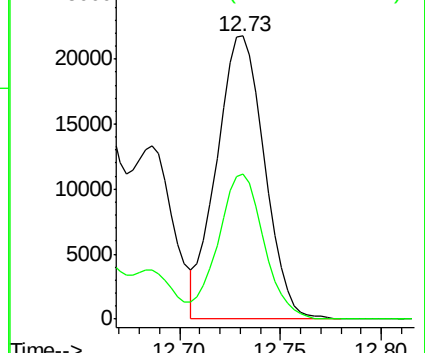
105 100

120 49.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 15.383 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059995.D

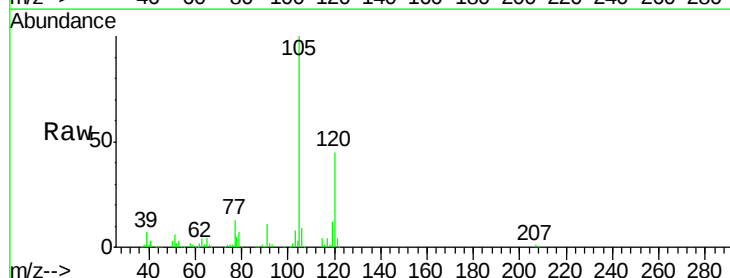
Acq: 4 Feb 2020 15:33

Tgt Ion:105 Resp: 131848

Ion Ratio Lower Upper

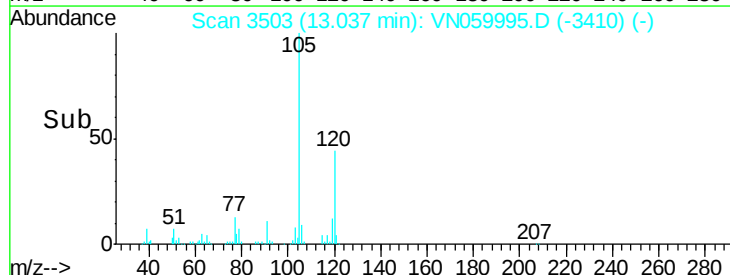
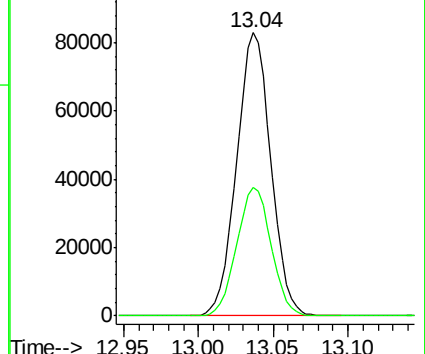
105 100

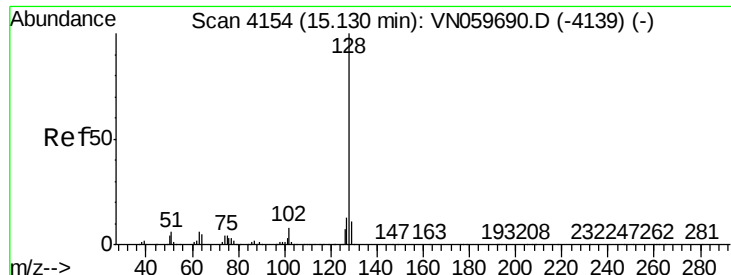
120 45.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.506 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

EO-01-020320

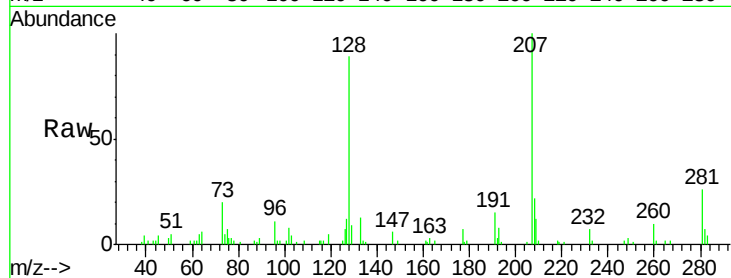
Tot Ion:128 Resp: 19187

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.4 8.6 12.8



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

