

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001391.D
 Acq On : 24 Jan 2020 18:31
 Operator : SY/MD
 Sample : L1263-03
 Misc : 7.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTY-SB-02-10-11

Quant Time: Jan 25 04:47:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

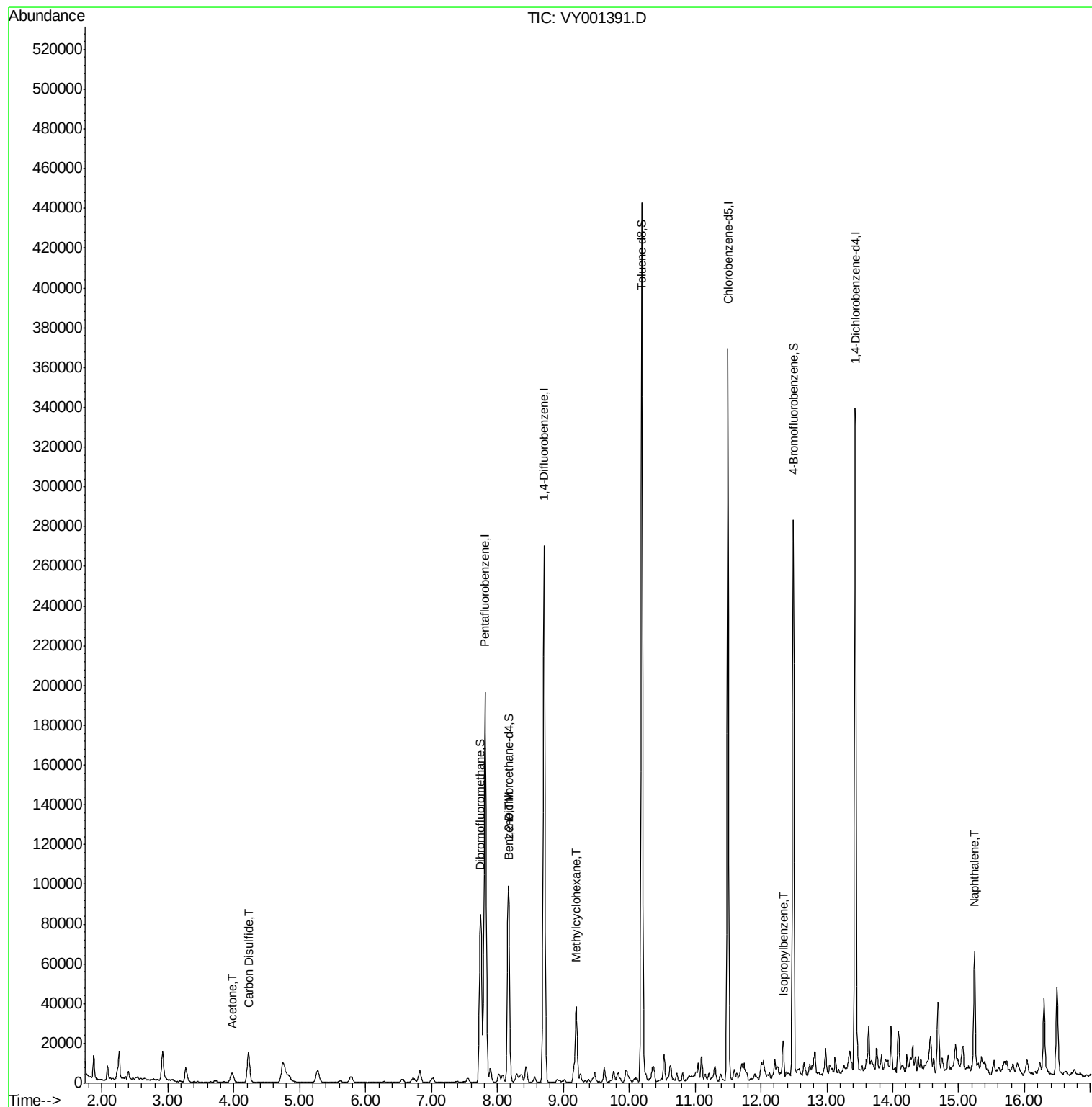
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	236341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	202019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	83728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	70197	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	7.74	113	62945	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
50) Toluene-d8	10.19	98	277807	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.49	95	91476	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
Target Compounds						
16) Acetone	3.97	43	7011	11.047	ug/l	99
17) Carbon Disulfide	4.22	76	30705	6.877	ug/l	100
39) Methylcyclohexane	9.20	83	15277	5.341	ug/l	97
40) Benzene	8.18	78	14314	2.138	ug/l	100
73) Isopropylbenzene	12.34	105	9537	1.444	ug/l	99
95) Naphthalene	15.24	128	46514	11.661	ug/l	99

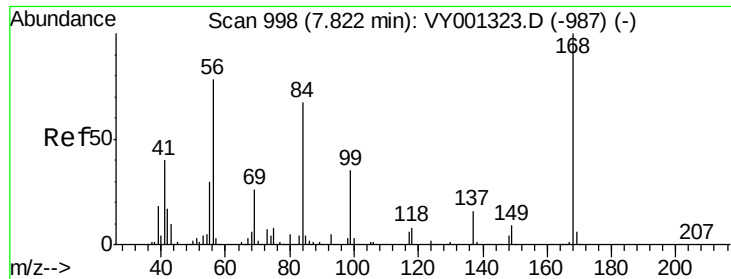
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CTY-SB-02-10-11

Quant Time: Jan 25 04:47:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

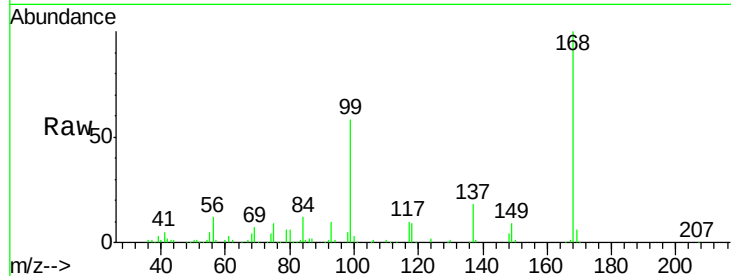
CTY-SB-02-10-11

Tot Ion:168 Resp: 133713

Ion Ratio Lower Upper

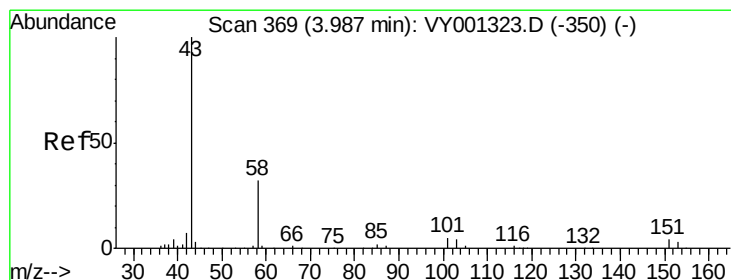
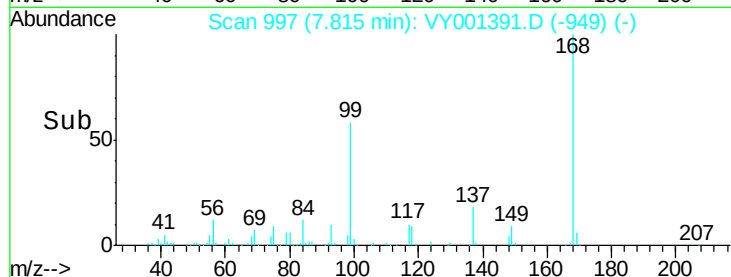
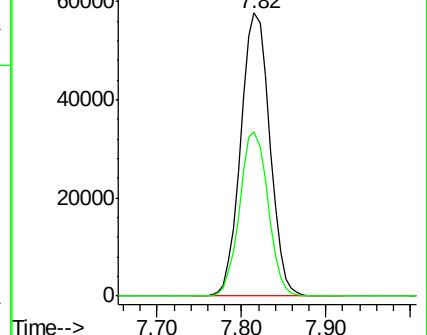
168 100

99 58.1 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#16

Acetone

Concen: 11.047 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001391.D

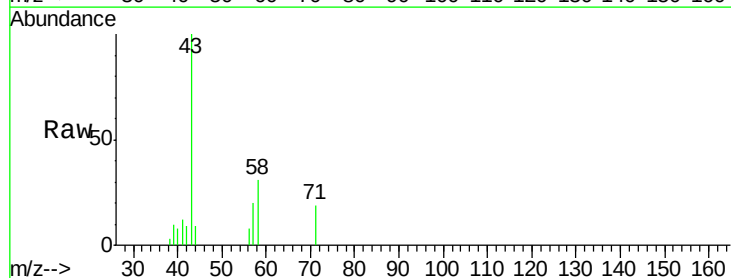
Acq: 24 Jan 2020 18:31

Tgt Ion: 43 Resp: 7011

Ion Ratio Lower Upper

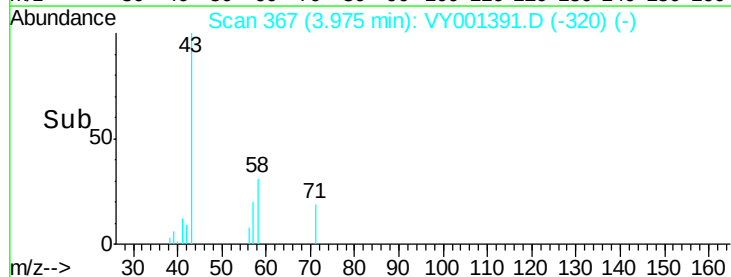
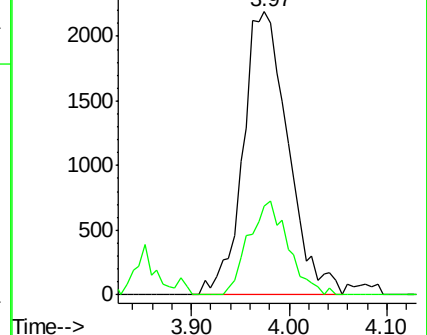
43 100

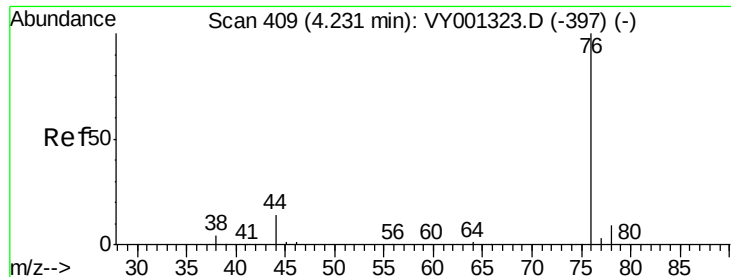
58 31.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)





#17

Carbon Disulfide

Concen: 6.877 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.01 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

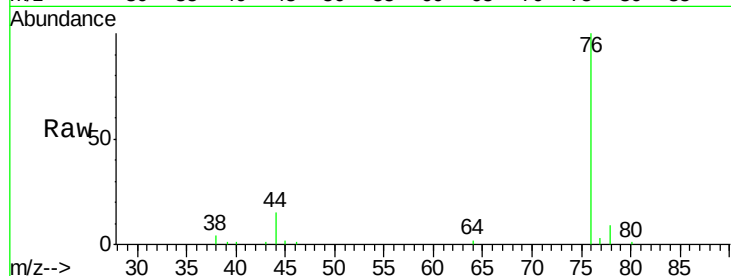
CTY-SB-02-10-11

Tot Ion: 76 Resp: 30705

Ion Ratio Lower Upper

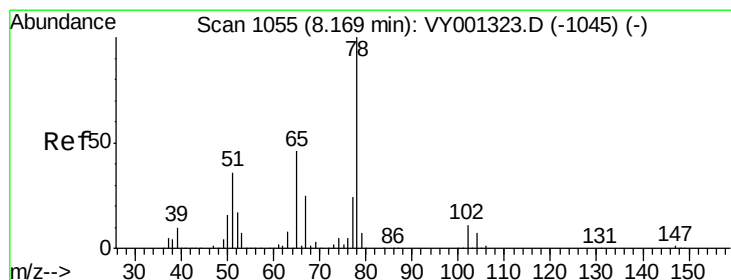
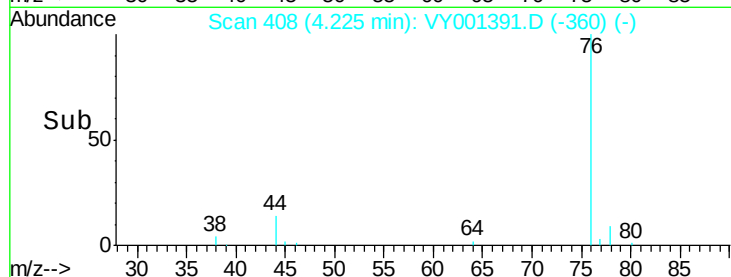
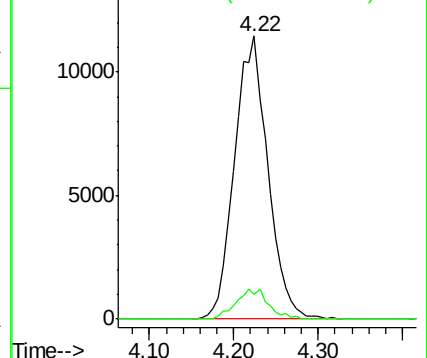
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 48.246 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001391.D

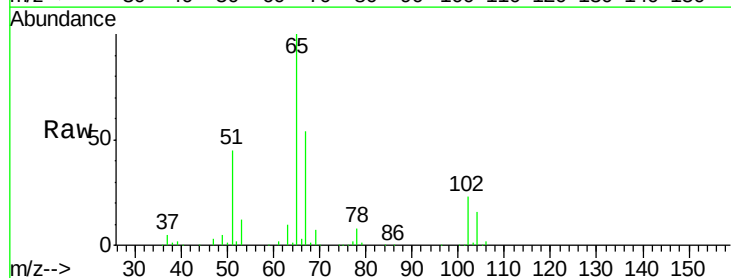
Acq: 24 Jan 2020 18:31

Tgt Ion: 65 Resp: 70197

Ion Ratio Lower Upper

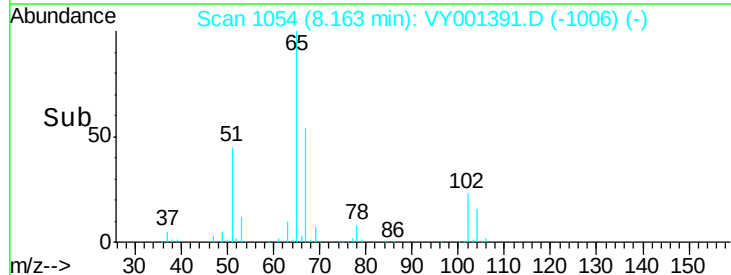
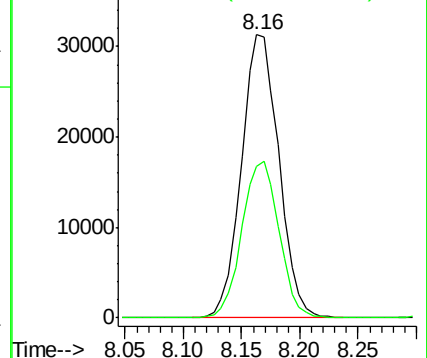
65 100

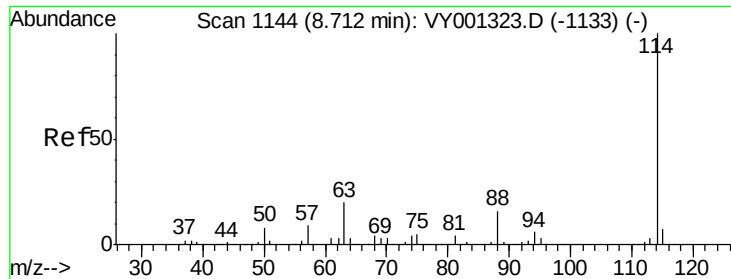
67 55.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

CTY-SB-02-10-11

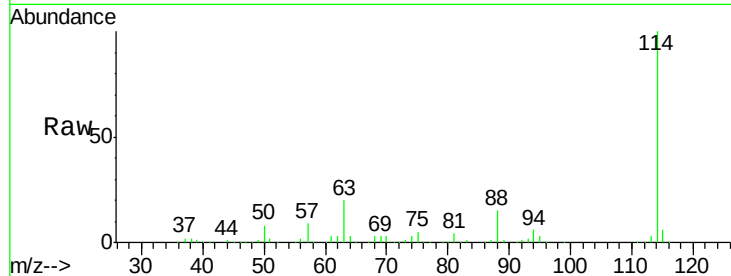
Tot Ion:114 Resp: 236341

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

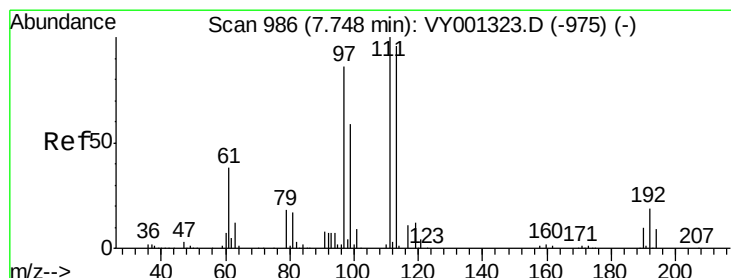
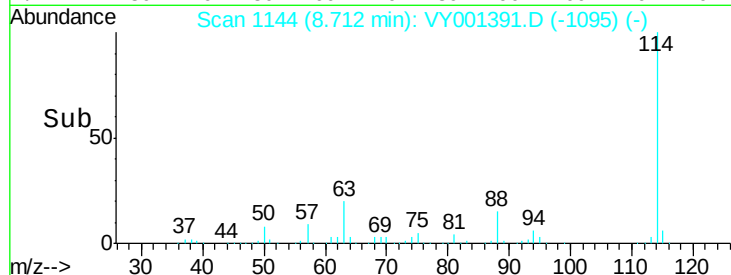
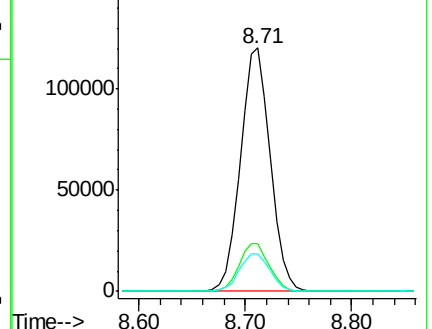
88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 45.378 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

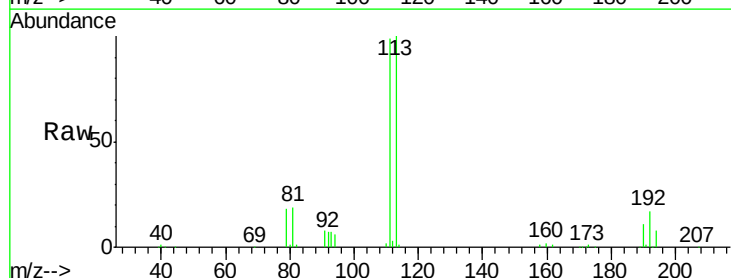
Tgt Ion:113 Resp: 62945

Ion Ratio Lower Upper

113 100

111 99.8 82.8 124.2

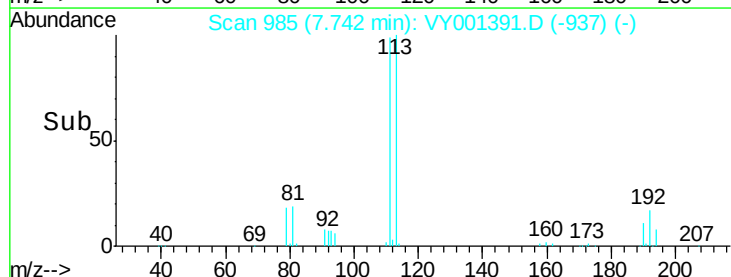
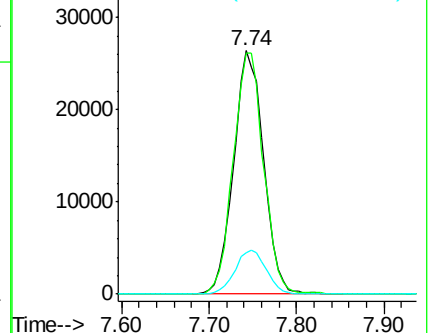
192 18.6 15.5 23.3

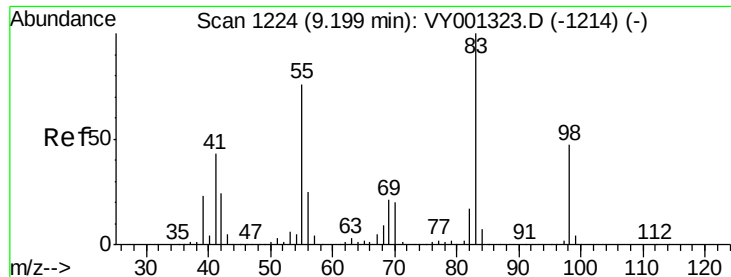


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

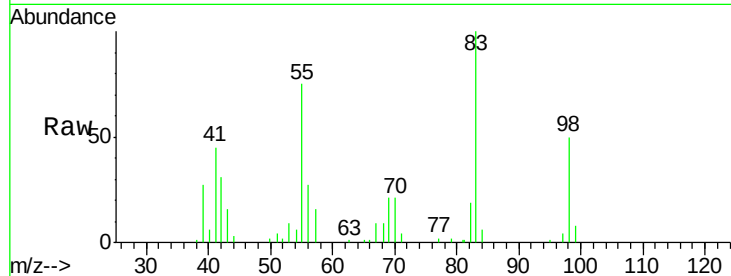




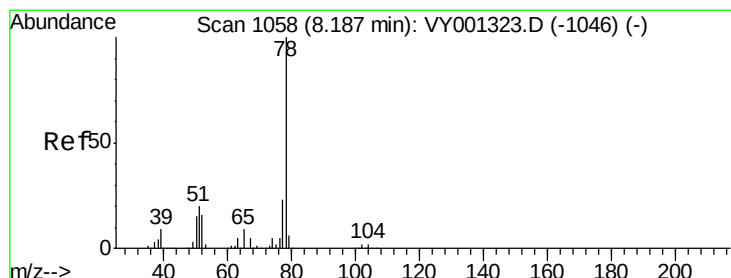
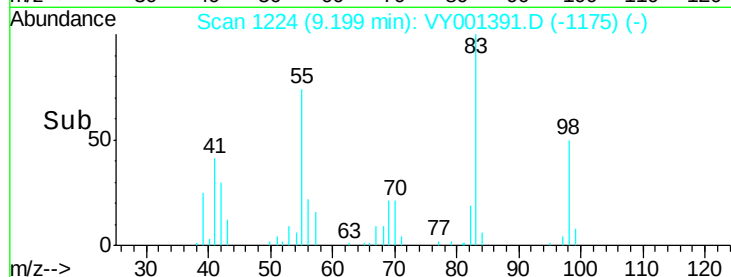
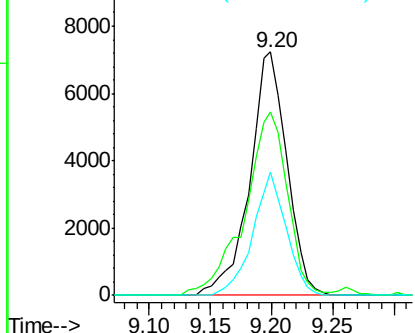
#39
Methylvlcyclohexane
Concen: 5.341 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
CTY-SB-02-10-11

Tot Ion: 83 Resp: 15277
Ion Ratio Lower Upper
83 100
55 73.9 60.7 91.1
98 50.4 37.8 56.8

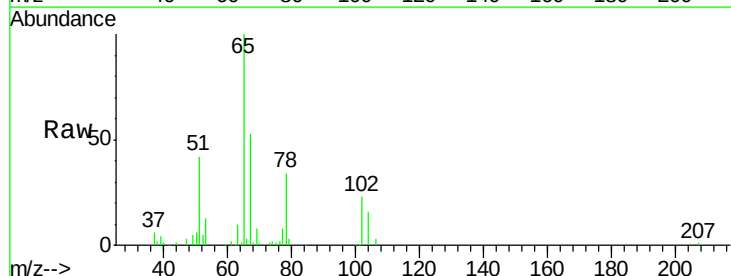


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

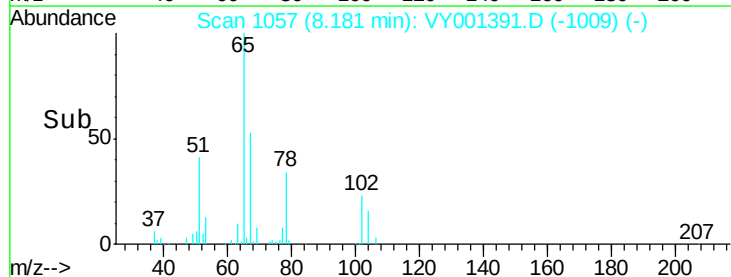
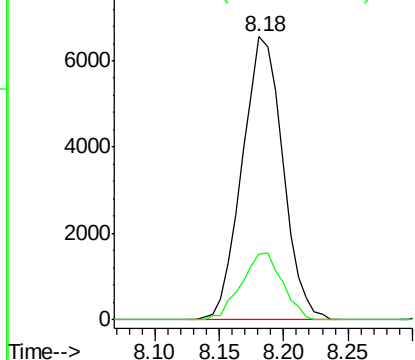


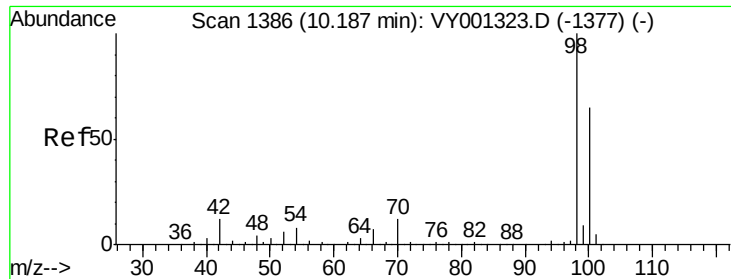
#40
Benzene
Concen: 2.138 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 78 Resp: 14314
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#50

Toluene-d8

Concen: 51.549 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

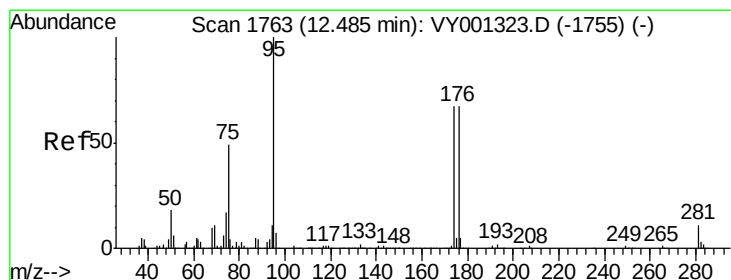
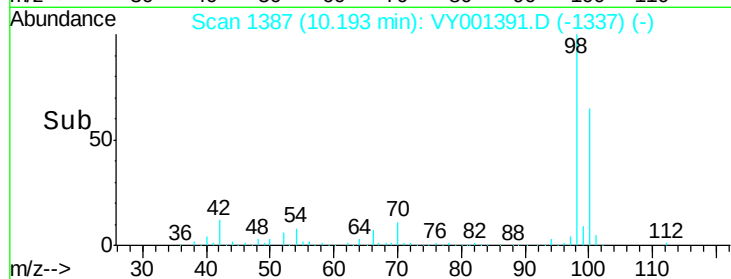
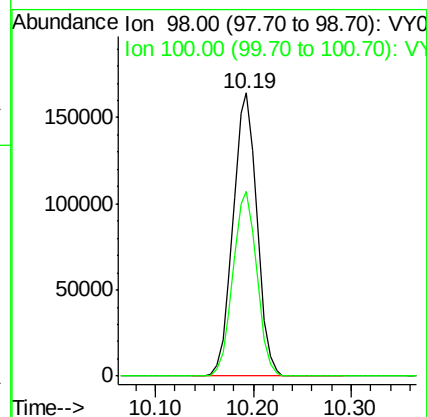
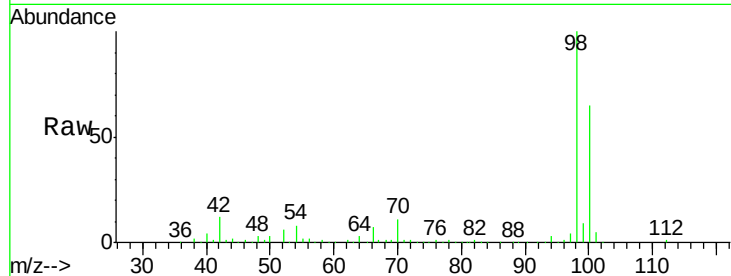
CTY-SB-02-10-11

Tot Ion: 98 Resp: 277807

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 42.623 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

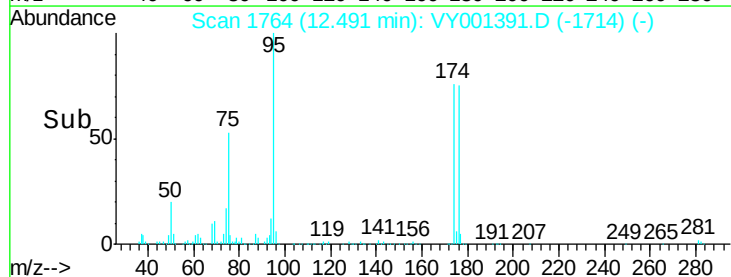
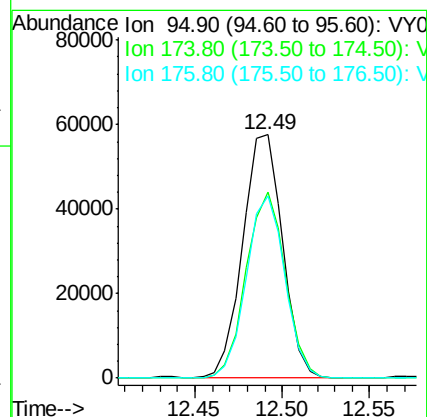
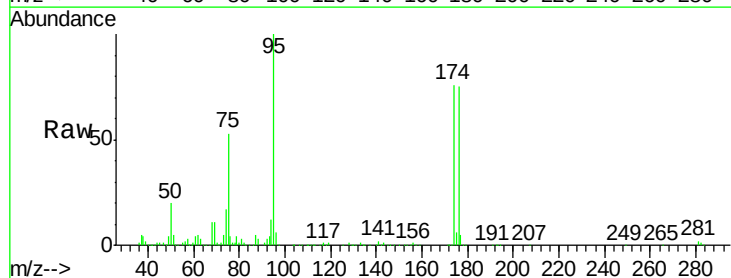
Tgt Ion: 95 Resp: 91476

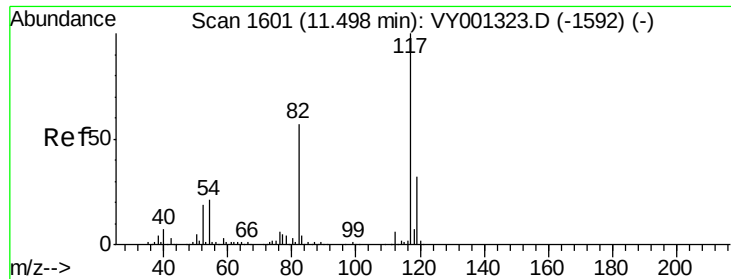
Ion Ratio Lower Upper

95 100

174 75.3 0.0 142.0

176 72.7 0.0 138.6

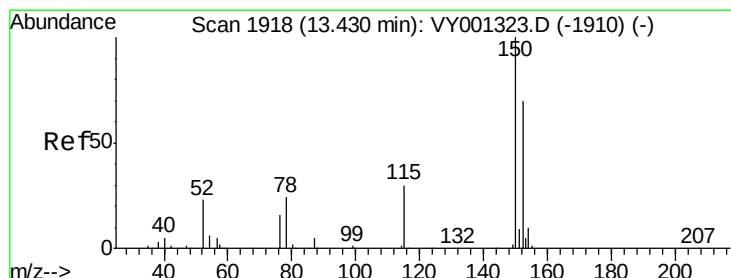
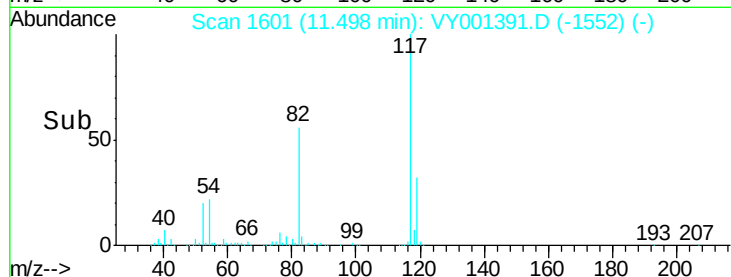
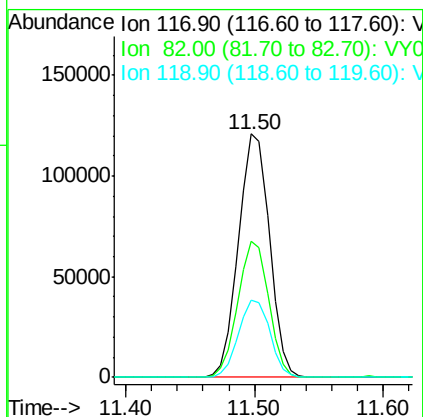
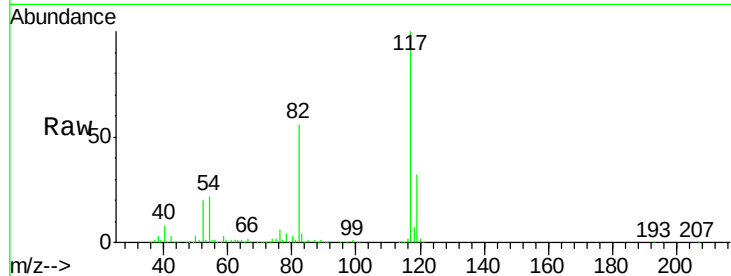




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

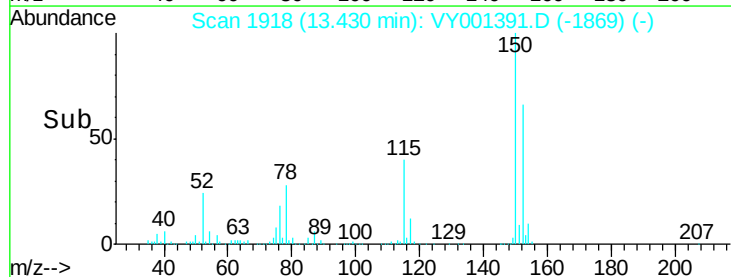
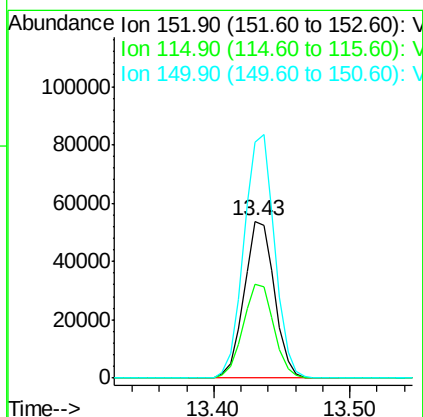
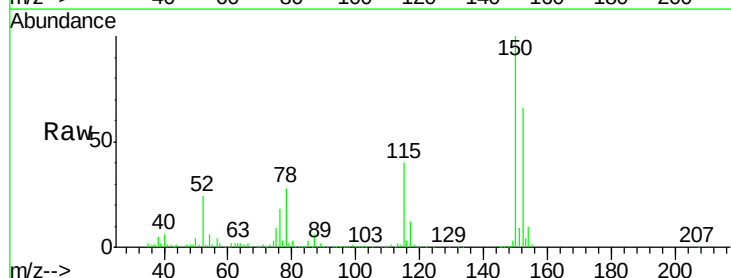
Instrument :
MSVOA_Y
ClientSampleId :
CTY-SB-02-10-11

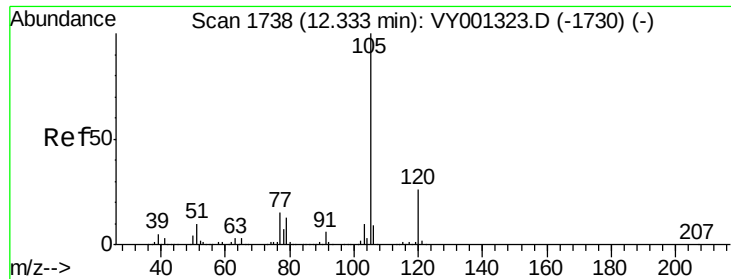
Tot Ion:117 Resp: 202019
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion:152 Resp: 83728
Ion Ratio Lower Upper
152 100
115 61.2 30.9 92.8
150 156.7 0.0 349.2





#73

Isopropylbenzene

Concen: 1.444 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

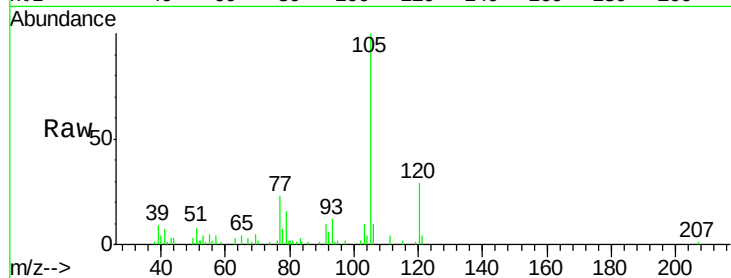
CTY-SB-02-10-11

Tot Ion:105 Resp: 9537

Ion Ratio Lower Upper

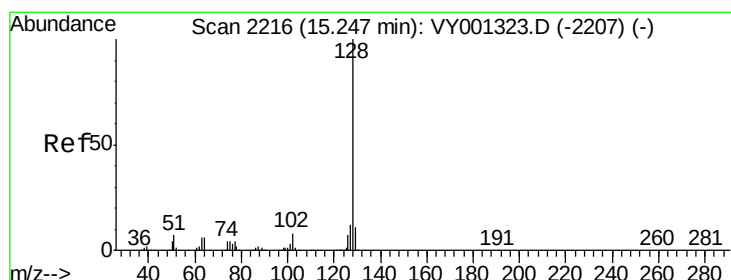
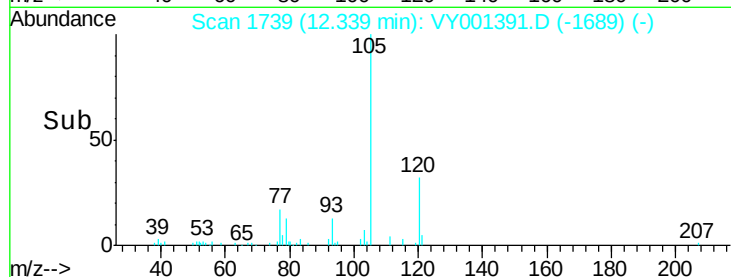
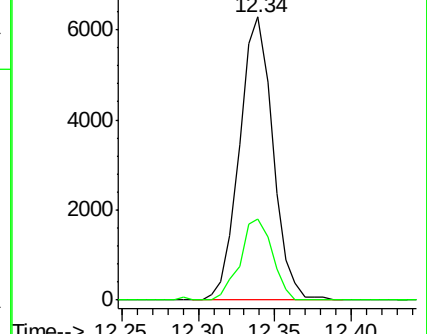
105 100

120 27.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 11.661 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001391.D

Acq: 24 Jan 2020 18:31

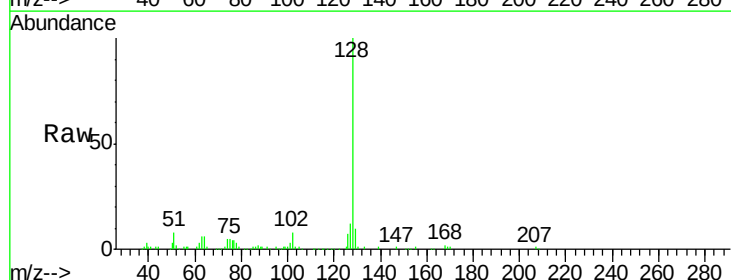
Tgt Ion:128 Resp: 46514

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.7 8.7 13.1



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

