

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003731.D
 Acq On : 11 Dec 2020 16:50
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK01

Quant Time: Dec 12 01:41:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	278437	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	271565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	145984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	82098	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
7) Chloroethane-d5	2.77	69	66439	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	3.86	63	130453	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	6.90	46	52564	37.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.90%
24) Chloroform-d	7.48	84	165818	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.15	65	93739	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.00%
29) Benzene-d6	8.12	84	360134	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.12	67	108256	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.08%
37) Toluene-d8	10.18	98	340931	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	10.44	79	52374	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	10.79	63	46808	40.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.32%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	95420	23.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.08%
61) 1,2-Dichlorobenzene-d4	13.72	152	131220	24.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.96%

Target Compounds

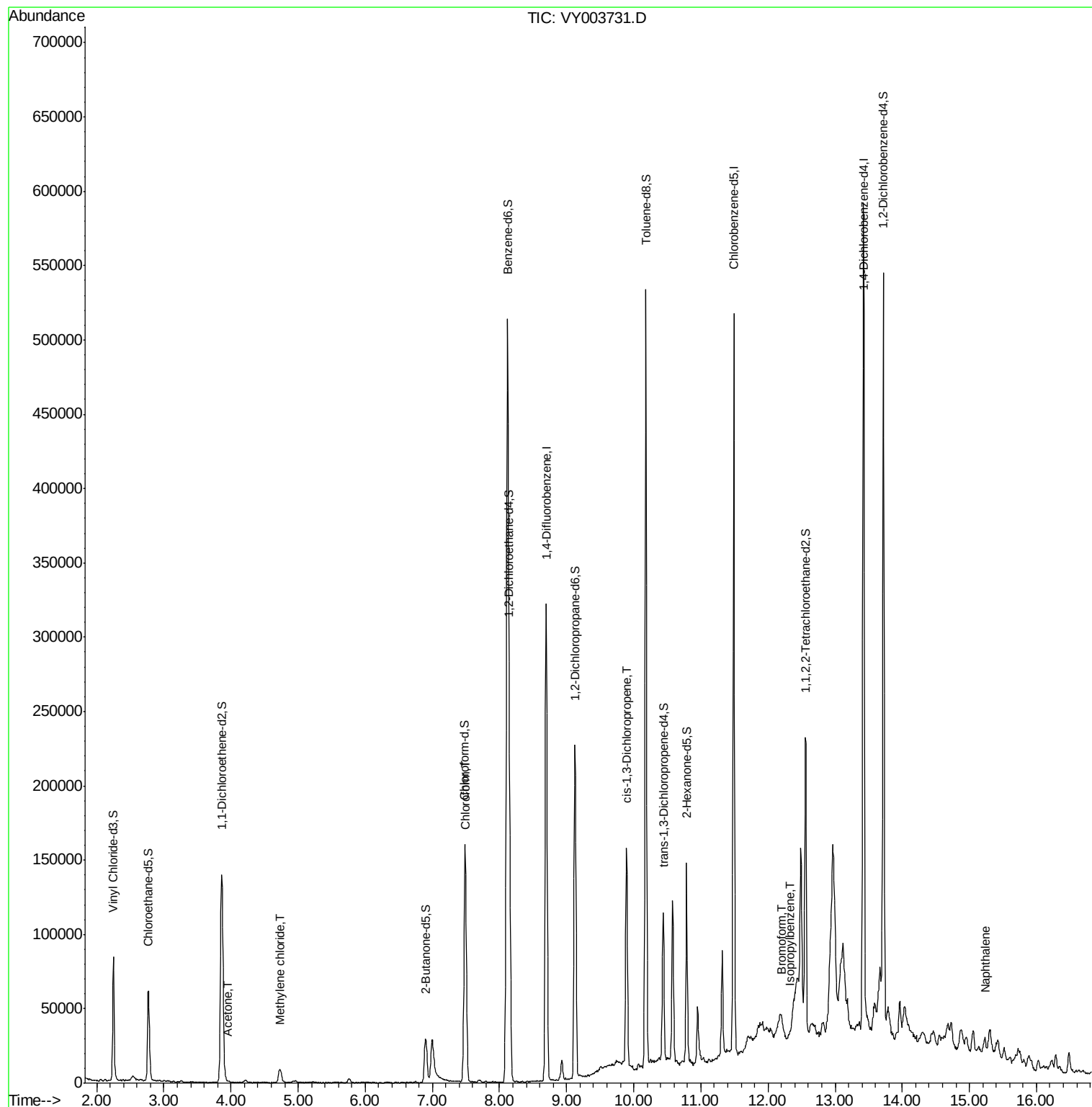
					Ovalue
13) Acetone	3.95	43	1119	1.087 ug/L	82
16) Methylene chloride	4.73	84	6785	1.388 ug/L	92
25) Chloroform	7.50	83	1610	0.253 ug/L #	43
42) cis-1,3-Dichloropropene	9.89	75	4127	0.673 ug/L #	51
57) Isopropylbenzene	12.33	105	2495	0.144 ug/L #	79
62) Bromoform	12.22	173	1066	0.387 ug/L #	36
69) Naphthalene	15.23	128	3468	0.316 ug/L #	90

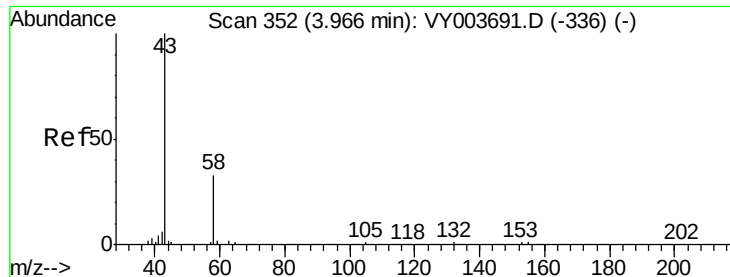
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 11 10:03:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.087 ug/L

RT: 3.95 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY003731.D

Acq: 11 Dec 2020 16:50

Instrument :

MSVOA_Y

ClientSampled :

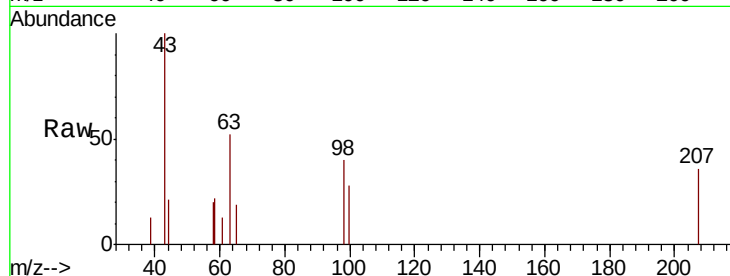
VIBLK01

Tot Ion: 43 Resp: 1119

Ion Ratio Lower Upper

43 100

58 24.0 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.95

400

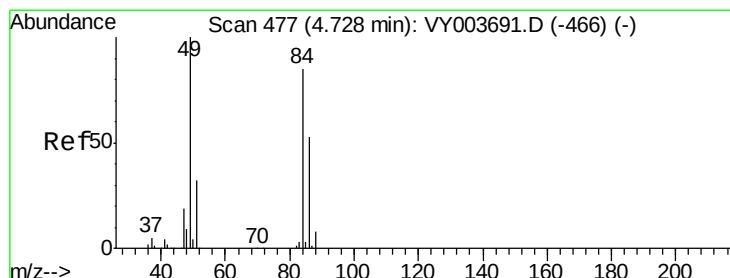
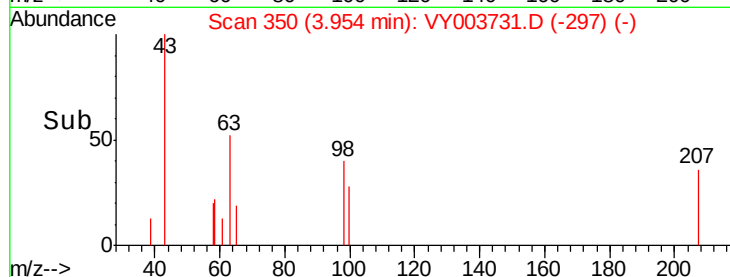
300

200

100

0

Time--> 3.90 3.95 4.00



#16

Methylene chloride

Concen: 1.388 ug/L

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VY003731.D

Acq: 11 Dec 2020 16:50

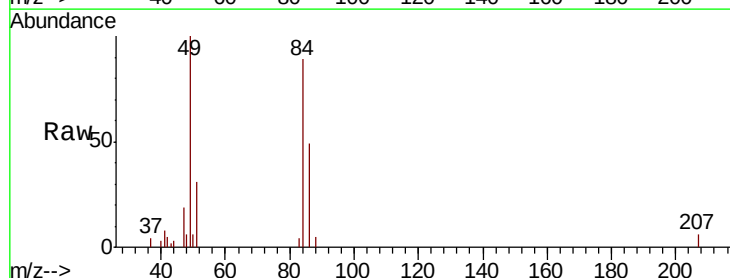
Tgt Ion: 84 Resp: 6785

Ion Ratio Lower Upper

84 100

49 112.5 83.7 155.4

86 55.6 45.0 83.6



Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

4.73

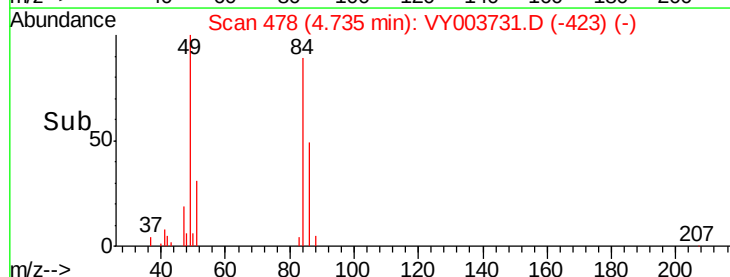
3000

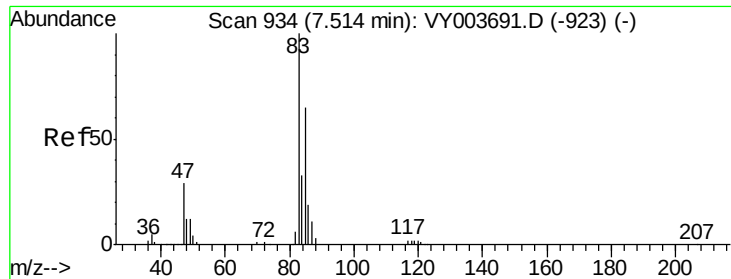
2000

1000

0

Time--> 4.65 4.70 4.75 4.80

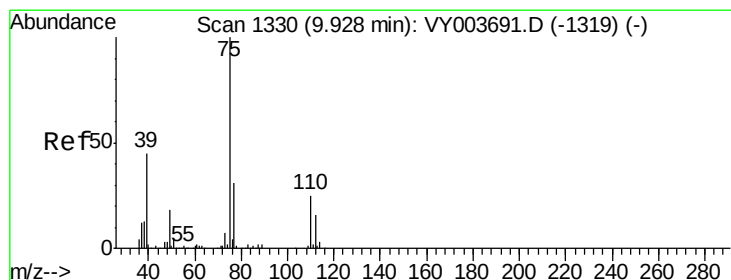
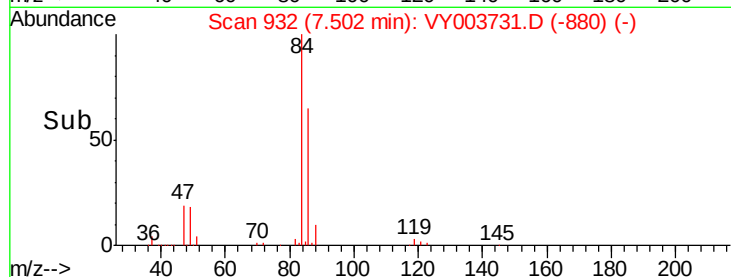
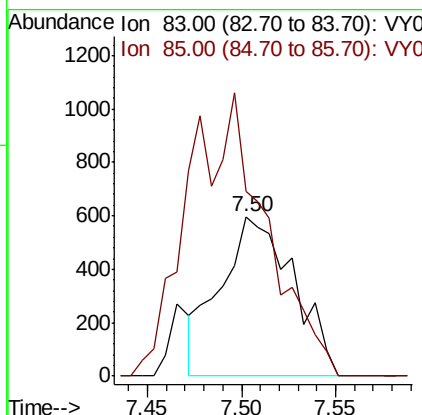
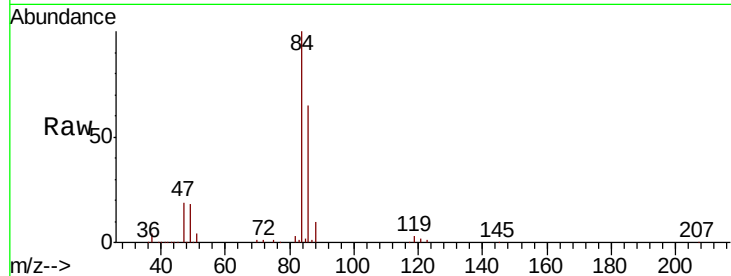




#25
Chloroform
Concen: 0.253 ug/L
RT: 7.50 min Scan# 932
Delta R.T. -0.01 min
Lab File: VY003731.D
Acq: 11 Dec 2020 16:50

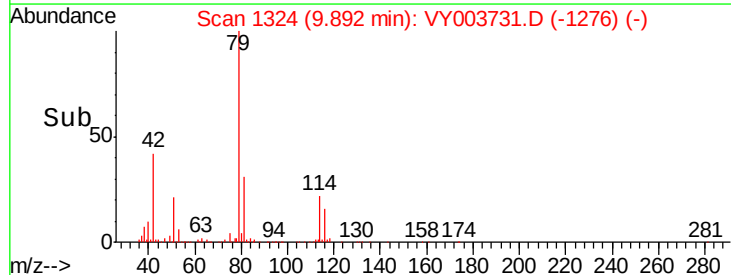
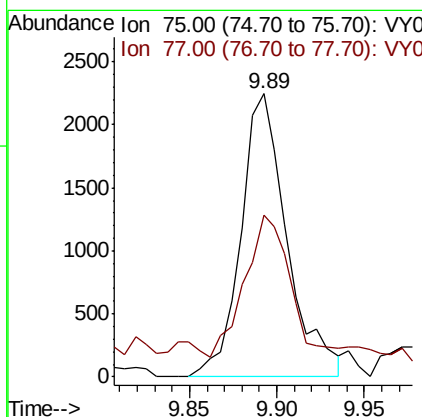
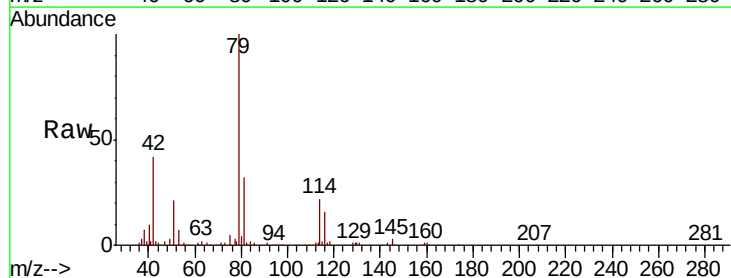
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK01

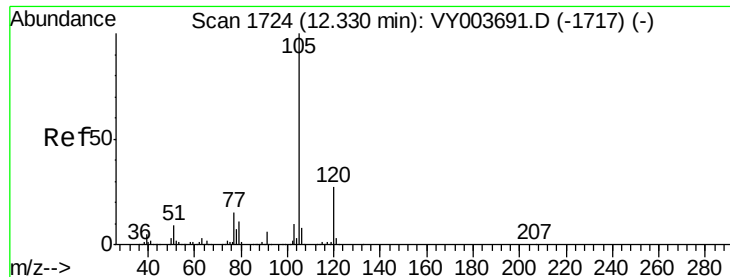
Tot Ion: 83 Resp: 1610
Ion Ratio Lower Upper
83 100
85 112.1 46.5 86.5#



#42
cis-1,3-Dichloropropene
Concen: 0.673 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003731.D
Acq: 11 Dec 2020 16:50

Tgt Ion: 75 Resp: 4127
Ion Ratio Lower Upper
75 100
77 57.3 21.3 39.6#





#57

Isopropylbenzene

Concen: 0.144 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. 0.00 min

Lab File: VY003731.D

Acq: 11 Dec 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK01

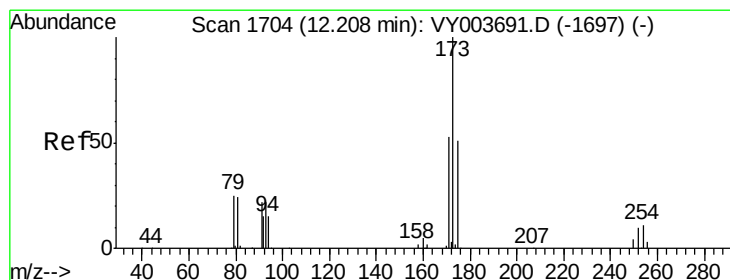
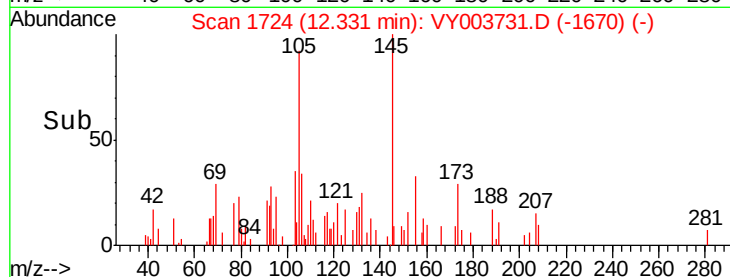
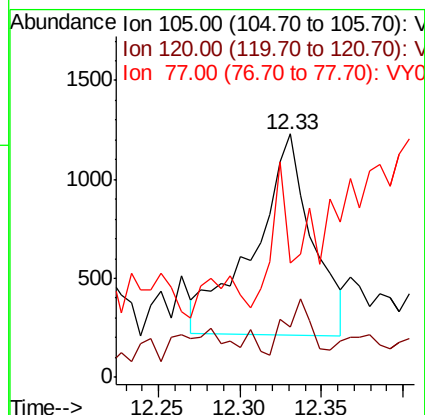
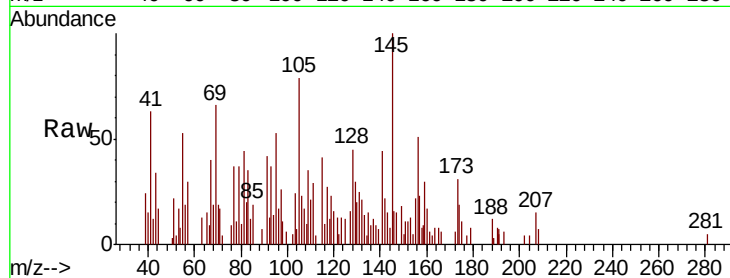
Tot Ion:105 Resp: 2495

Ion Ratio Lower Upper

105 100

120 17.4 22.3 33.5#

77 4.9 11.9 17.9#



#62

Bromoform

Concen: 0.387 ug/L

RT: 12.22 min Scan# 1705

Delta R.T. 0.01 min

Lab File: VY003731.D

Acq: 11 Dec 2020 16:50

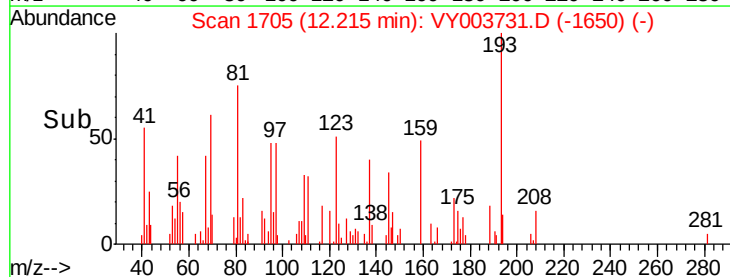
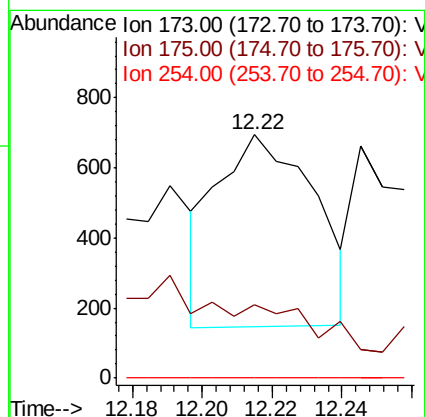
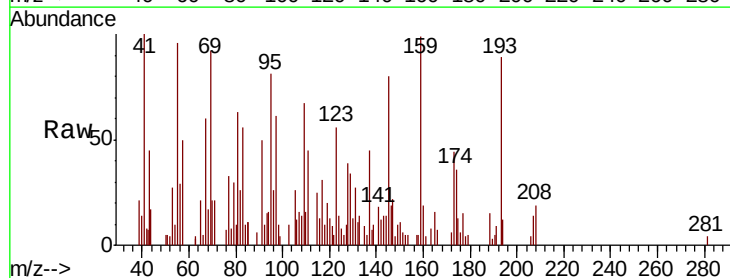
Tgt Ion:173 Resp: 1066

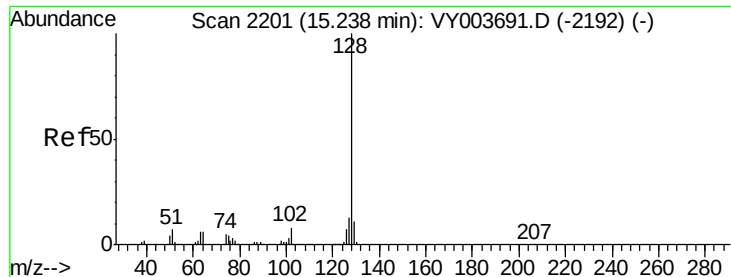
Ion Ratio Lower Upper

173 100

175 0.0 39.1 58.7#

254 0.0 7.7 11.5#





#69

Naphthalene

Concen: 0.316 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.01 min

Lab File: VY003731.D

Acq: 11 Dec 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK01

Tot Ion:128 Resp: 3468

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 19.6 10.2 15.4#

