

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120820\
 Data File : VY003688.D
 Acq On : 08 Dec 2020 20:09
 Operator : SY/MD
 Sample : VIBLK80
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK80

Quant Time: Dec 09 02:01:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 09 01:58:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	219933	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	216213	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	107467	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	57467	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.92%
7) Chloroethane-d5	2.77	69	48135	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	3.86	63	90749	15.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	6.90	46	57670	52.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.02%
24) Chloroform-d	7.49	84	125978	22.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	8.15	65	75395	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.68%
29) Benzene-d6	8.12	84	276668	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.12	67	84552	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.18	98	252262	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	10.44	79	40161	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.79	63	48094	51.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.64%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	78634	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	13.72	152	97088	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

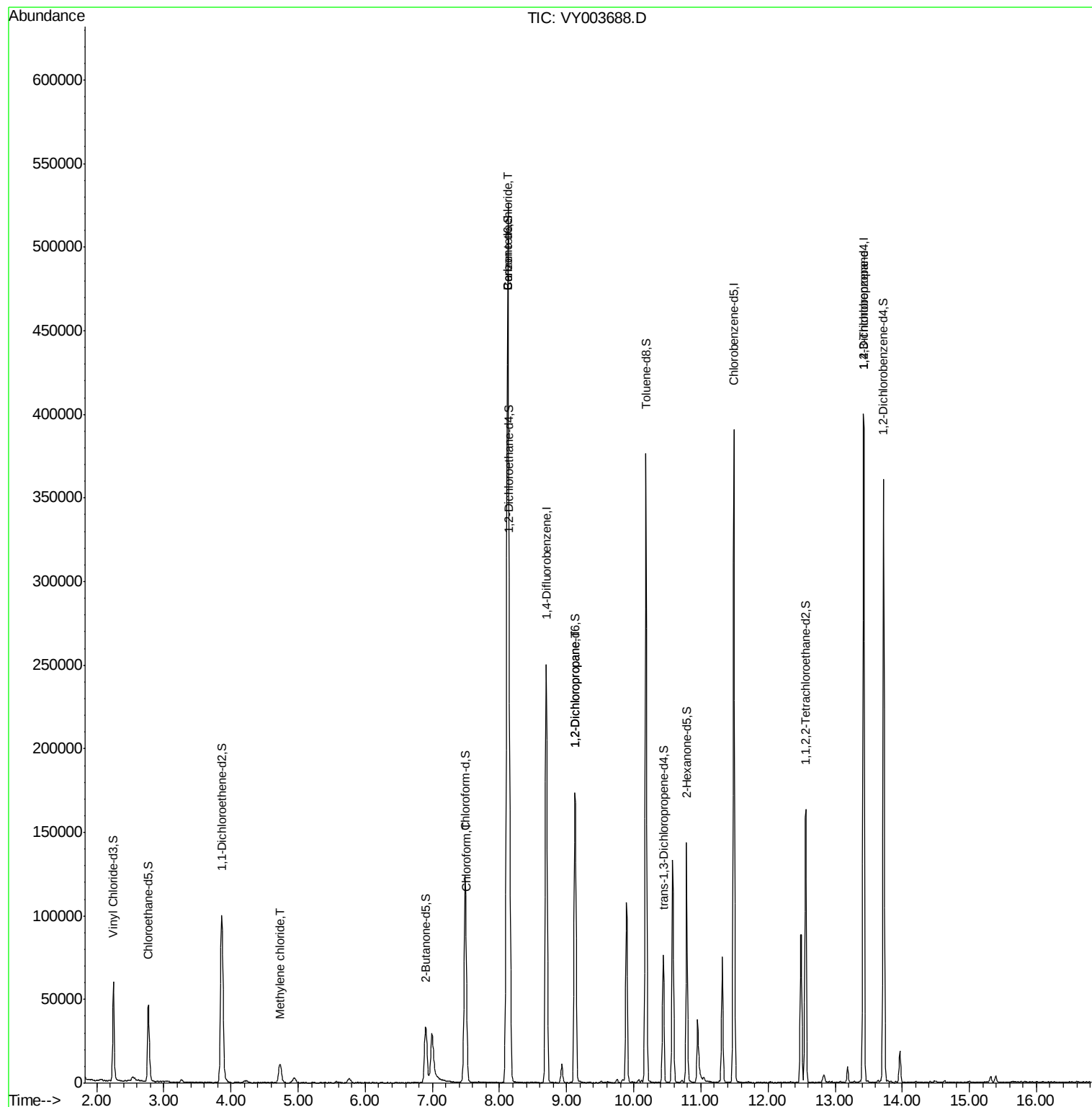
					Ovalue
16) Methylene chloride	4.73	84	8289	2.146	ug/L 87
25) Chloroform	7.51	83	1217	0.242	ug/L 80
32) Carbon tetrachloride	8.12	117	4120	1.007	ug/L # 28
40) 1,2-Dichloropropane	9.12	63	9739	3.140	ug/L # 86
59) 1,2,3-Trichloropropane	13.42	75	13224	5.158	ug/L 96

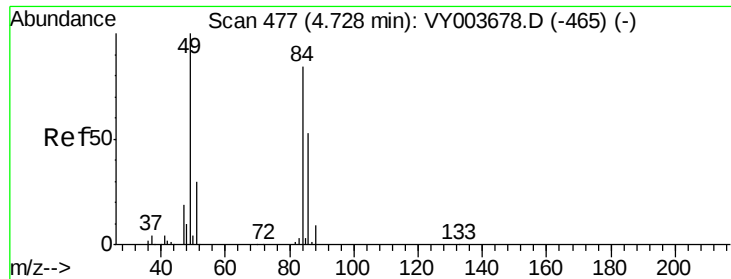
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120820\
Data File : VY003688.D
Acq On : 08 Dec 2020 20:09
Operator : SY/MD
Sample : VIBLK80
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK80

Quant Time: Dec 09 02:01:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

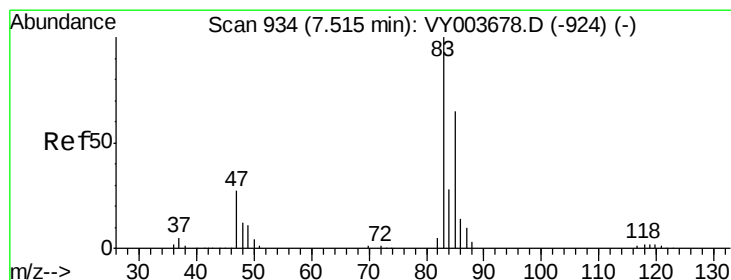
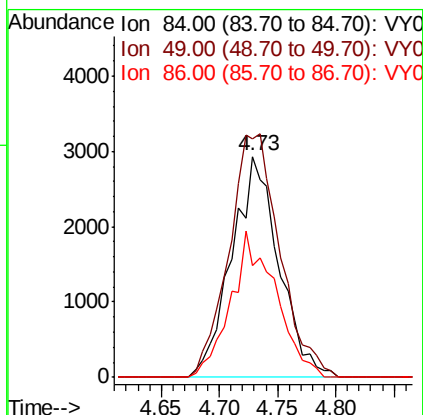
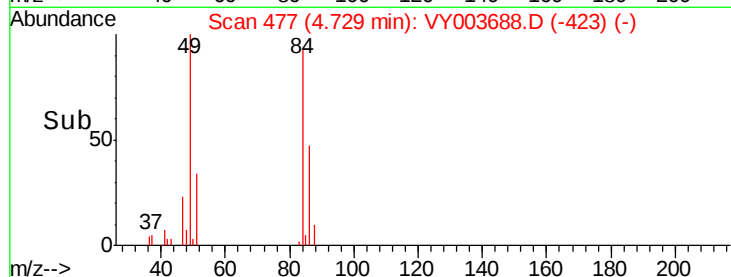
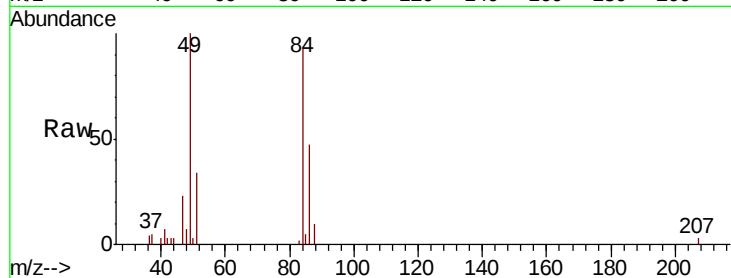




#16
Methvlene chloride
Concen: 2.146 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003688.D
Acq: 08 Dec 2020 20:09

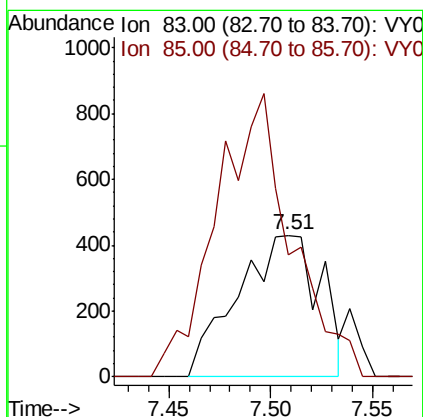
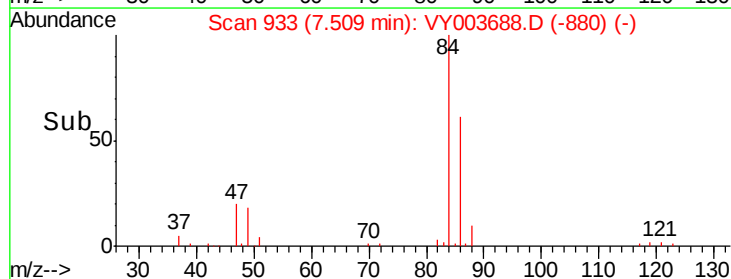
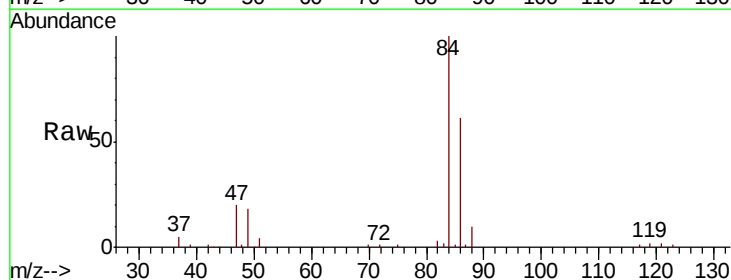
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK80

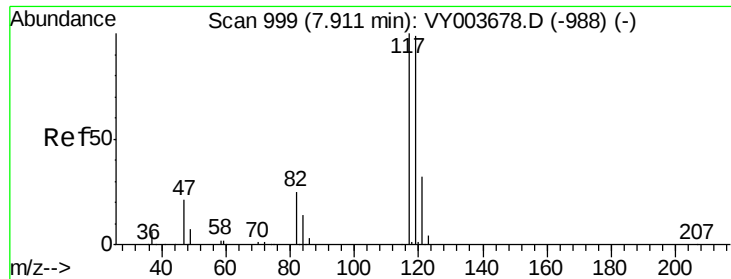
Tot Ion: 84 Resp: 8289
Ion Ratio Lower Upper
84 100
49 108.0 83.7 155.4
86 50.5 45.0 83.6



#25
Chloroform
Concen: 0.242 ug/L
RT: 7.51 min Scan# 933
Delta R.T. -0.01 min
Lab File: VY003688.D
Acq: 08 Dec 2020 20:09

Tgt Ion: 83 Resp: 1217
Ion Ratio Lower Upper
83 100
85 82.1 46.5 86.5





#32

Carbon tetrachloride

Concen: 1.007 ug/L

RT: 8.12 min Scan# 1034

Delta R.T. 0.21 min

Lab File: VY003688.D

Acq: 08 Dec 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

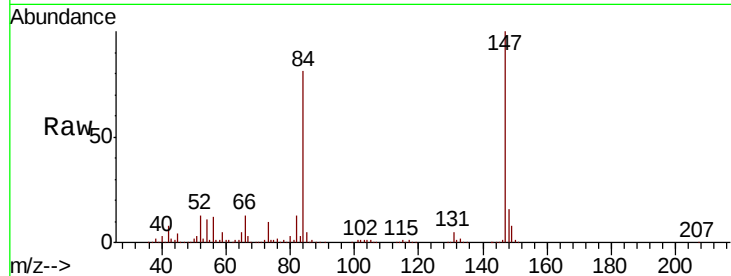
VIBLK80

Tot Ion:117 Resp: 4120

Ion Ratio Lower Upper

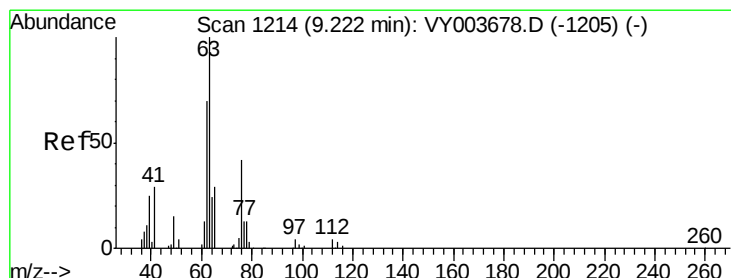
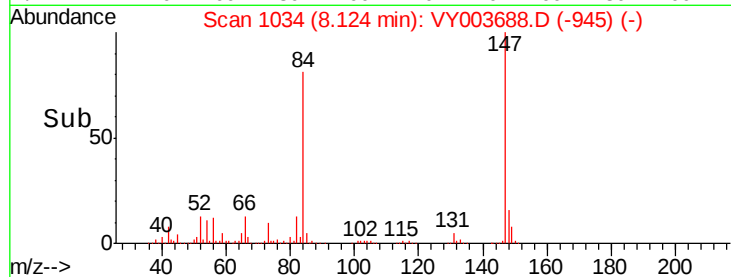
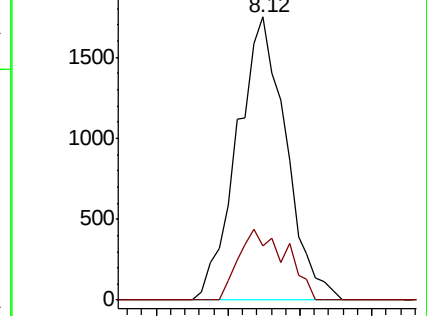
117 100

119 24.4 75.4 113.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#40

1,2-Dichloropropane

Concen: 3.140 ug/L

RT: 9.12 min Scan# 1198

Delta R.T. -0.10 min

Lab File: VY003688.D

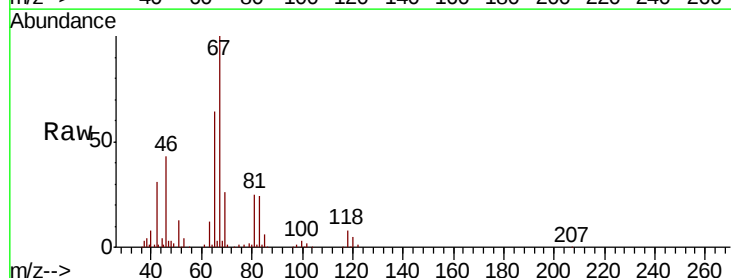
Acq: 08 Dec 2020 20:09

Tgt Ion: 63 Resp: 9739

Ion Ratio Lower Upper

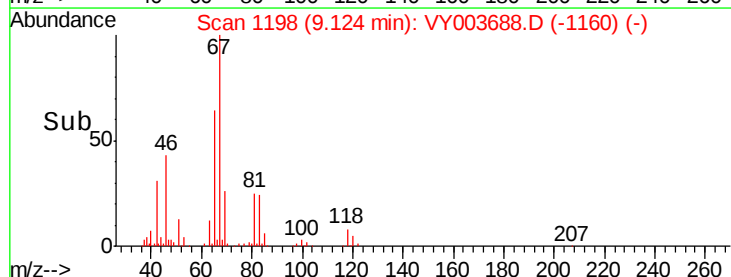
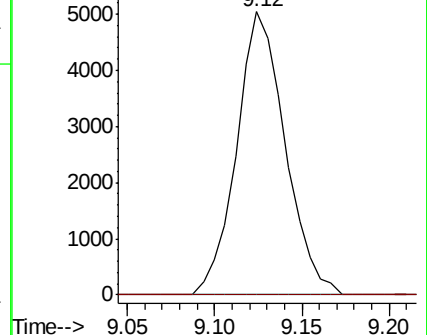
63 100

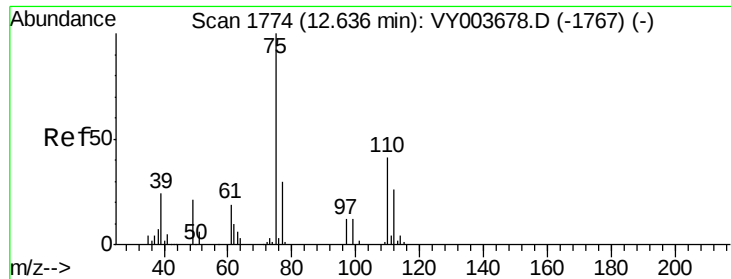
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VY0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.158 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003688.D

Acq: 08 Dec 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK80

Tot Ion: 75 Resp: 13224

Ion Ratio Lower Upper

75 100

77 30.1 25.9 38.9

