

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003756.D
 Acq On : 14 Dec 2020 18:26
 Operator : SY/MD
 Sample : VIBLK64
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK64

Quant Time: Dec 15 03:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	356499	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	338237	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	175854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	122118	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.40%
7) Chloroethane-d5	2.77	69	93407	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.00%
10) 1,1-Dichloroethene-d2	3.86	63	187697	18.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.44%
20) 2-Butanone-d5	6.90	46	111983	52.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.64%
24) Chloroform-d	7.49	84	218404	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.15	65	132130	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.12	84	459443	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	9.12	67	143527	23.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.20%
37) Toluene-d8	10.18	98	423523	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloropropene-	10.44	79	72609	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.72%
39) 2-Hexanone-d5	10.79	63	87346	51.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.92%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	132186	24.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	160202	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

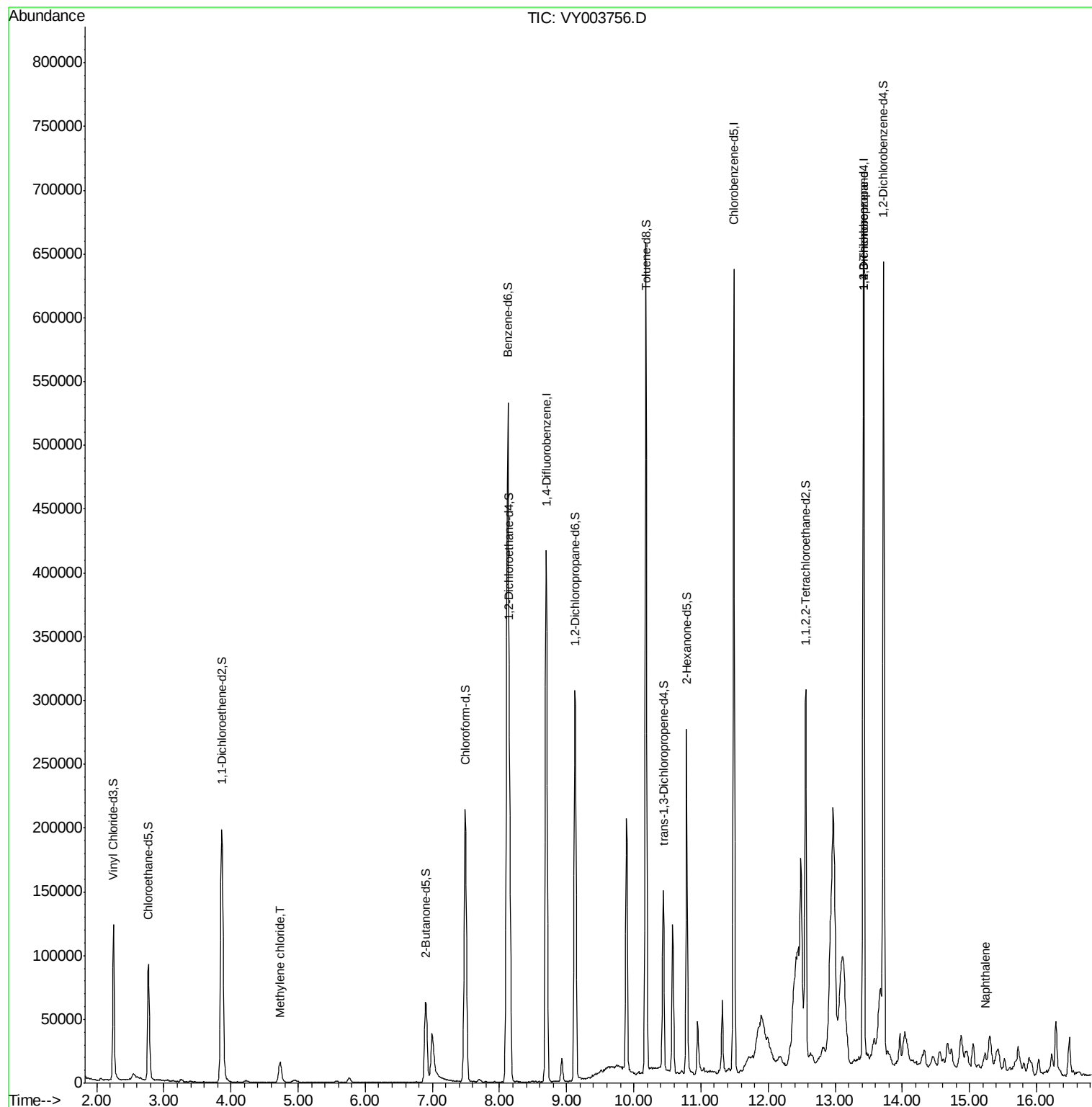
Target Compounds					Ovalue
16) Methylene chloride	4.73	84	11223	1.754 ug/L	95
59) 1,2,3-Trichloropropane	13.42	75	21310	4.786 ug/L	94
69) Naphthalene	15.23	128	4065	0.264 ug/L #	84

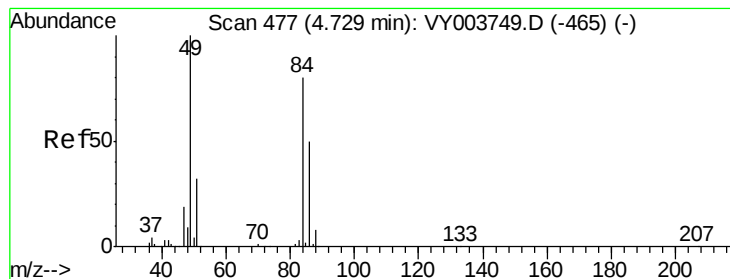
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.754 ug/L

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VY003756.D

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Instrument :

MSVOA_Y

ClientSampleId :

VIBLK64

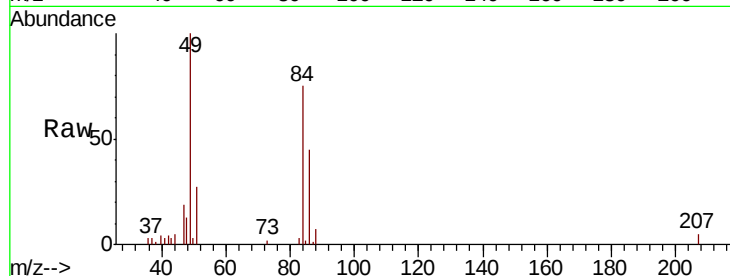
Tot Ion: 84 Resp: 11223

Ion Ratio Lower Upper

84 100

49 133.6 88.2 163.8

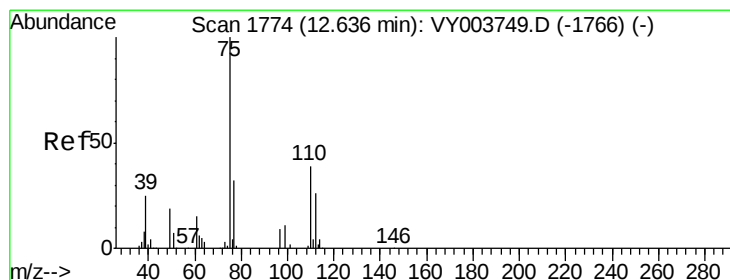
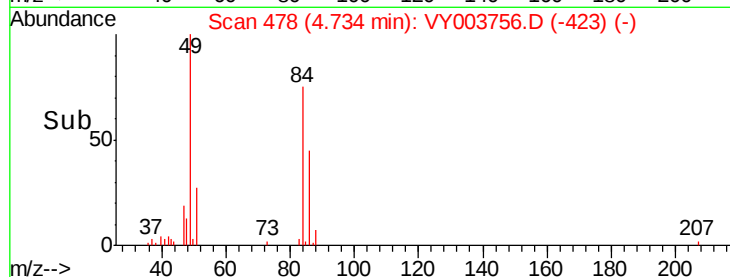
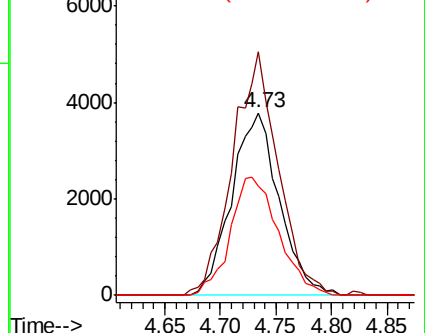
86 59.7 43.0 79.8



Abundance Ion 84.00 (83.70 to 84.70): VY003749.D (-465) (-)

Ion 49.00 (48.70 to 49.70): VY003749.D (-465) (-)

Ion 86.00 (85.70 to 86.70): VY003749.D (-465) (-)



#59

1,2,3-Trichloropropane

Concen: 4.786 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003756.D

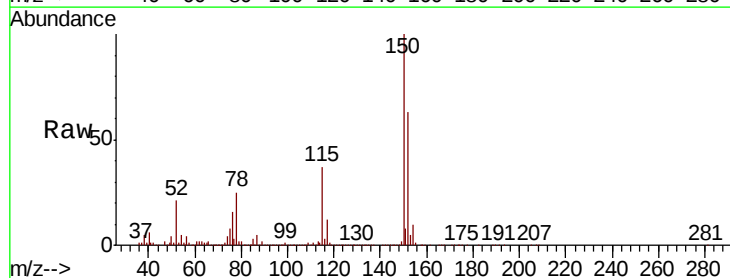
Acq: 14 Dec 2020 18:26

Tgt Ion: 75 Resp: 21310

Ion Ratio Lower Upper

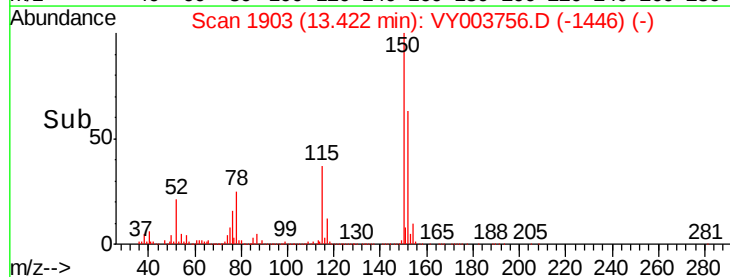
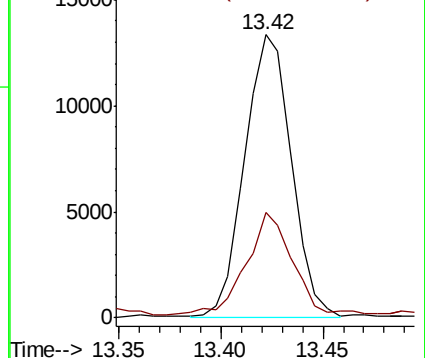
75 100

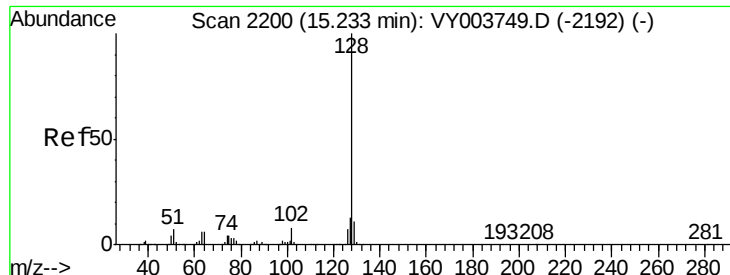
77 35.4 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VY003749.D (-1766) (-)

Ion 77.00 (76.70 to 77.70): VY003749.D (-1766) (-)





#69

Naphthalene

Concen: 0.264 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.00 min

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Tot Ion:128 Resp: 4065

Ion Ratio Lower Upper

128 100

129 7.2 8.6 12.8#

127 21.6 10.2 15.4#

