

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003764.D
 Acq On : 14 Dec 2020 21:51
 Operator : SY/MD
 Sample : L5063-10
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VHBLK01

Quant Time: Dec 15 03:43:13 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	353426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	333173	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	165876	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	115821	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.04%
7) Chloroethane-d5	2.77	69	90632	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.80%
10) 1,1-Dichloroethene-d2	3.86	63	172347	17.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.04%
20) 2-Butanone-d5	6.90	46	102692	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
24) Chloroform-d	7.49	84	212132	23.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	8.15	65	129509	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.12	84	443300	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	9.12	67	135950	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	10.18	98	403919	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.56%
38) trans-1,3-Dichloropropene-	10.44	79	68580	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.79	63	78561	47.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.88%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	119032	22.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.68%
61) 1,2-Dichlorobenzene-d4	13.72	152	147122	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

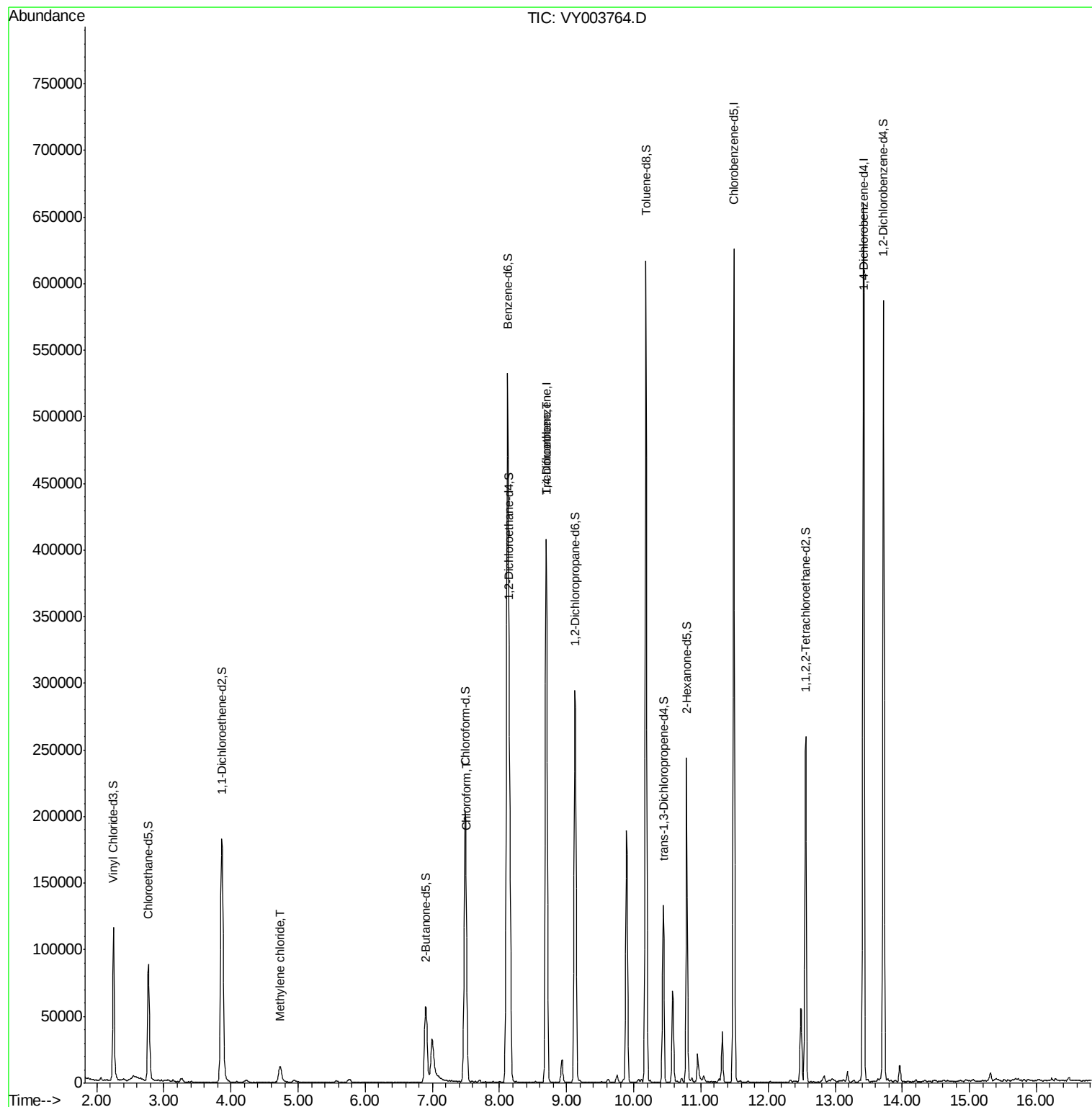
Target Compounds					Ovalue
16) Methylene chloride	4.73	84	8832	1.392 ug/L	95
25) Chloroform	7.51	83	2131	0.237 ug/L #	1
35) Trichloroethene	8.70	95	10750	1.889 ug/L #	3

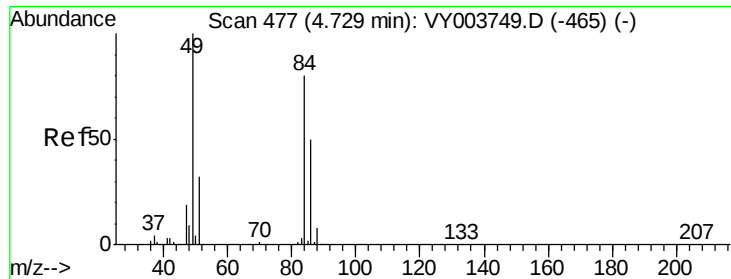
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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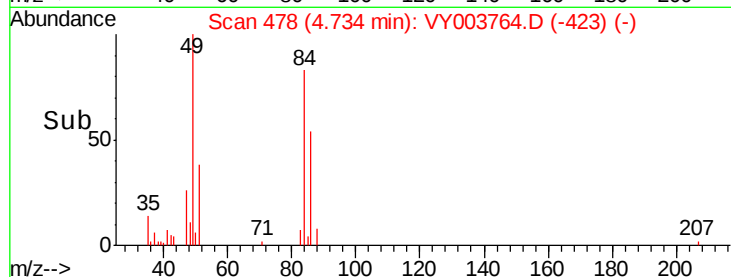
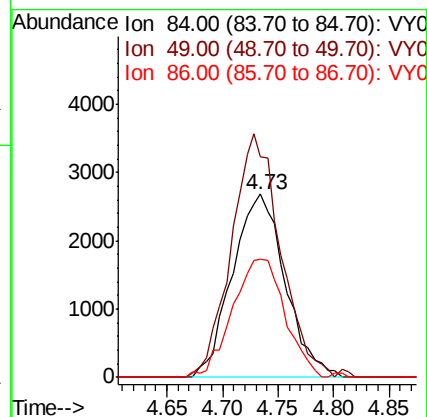
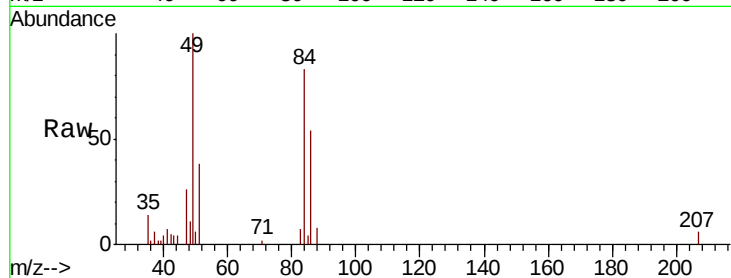




#16
Methvlene chloride
Concen: 1.392 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003764.D
Acq: 14 Dec 2020 21:51

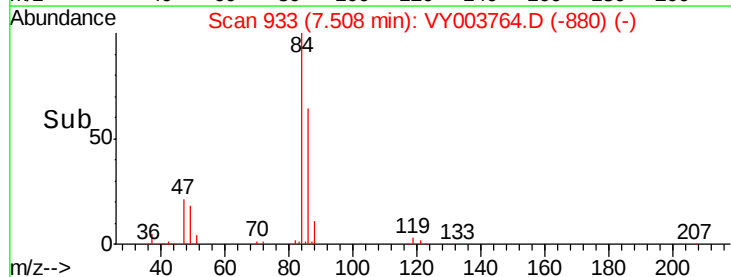
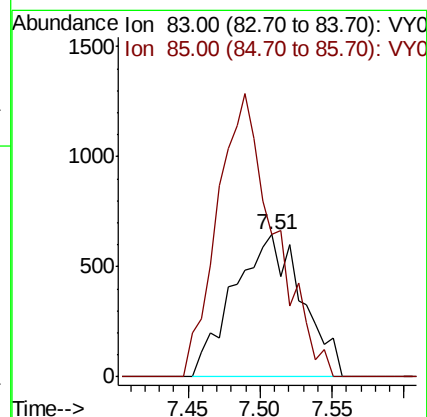
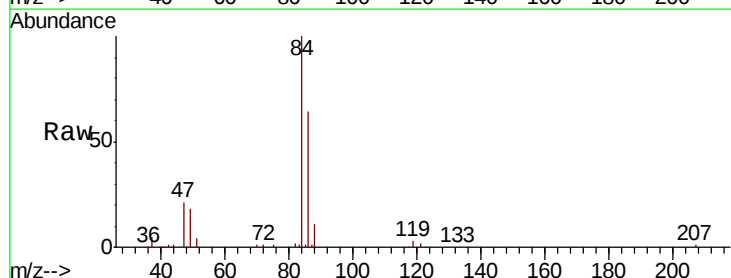
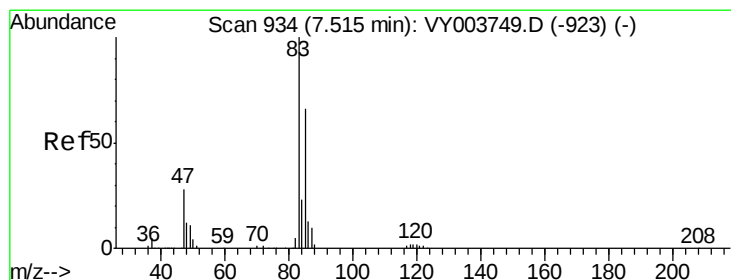
Instrument :
MSVOA_Y
ClientSampleId :
VHBLK01

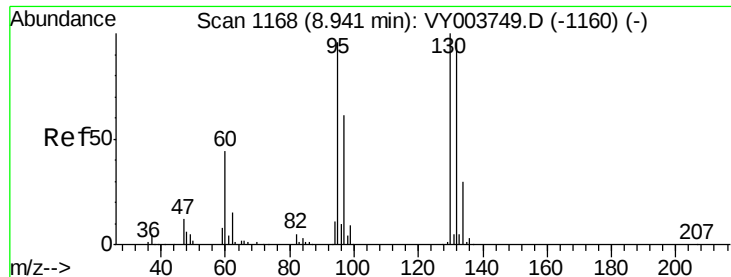
Tot Ion: 84 Resp: 8832
Ion Ratio Lower Upper
84 100
49 120.1 88.2 163.8
86 64.6 43.0 79.8



#25
Chloroform
Concen: 0.237 ug/L
RT: 7.51 min Scan# 933
Delta R.T. -0.01 min
Lab File: VY003764.D
Acq: 14 Dec 2020 21:51

Tgt Ion: 83 Resp: 2131
Ion Ratio Lower Upper
83 100
85 166.5 46.5 86.3#





#35

Trichloroethene

Concen: 1.889 ug/L

RT: 8.70 min Scan# 1128

Delta R.T. -0.24 min

Lab File: VY003764.D

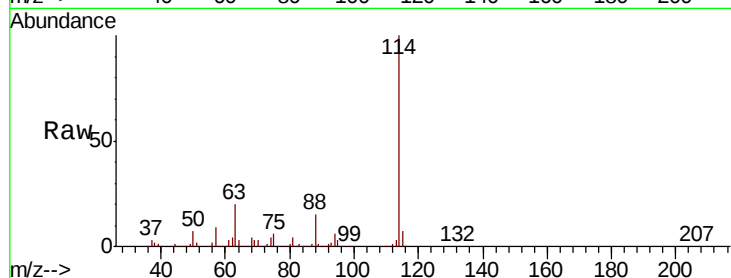
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Tot Ion:	95	Resp:	10750
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.4	84.4#
132	0.4	70.8	131.4#
130	0.0	74.1	137.7#

