

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003739.D
 Acq On : 11 Dec 2020 19:52
 Operator : SY/MD
 Sample : VIBLK05
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK05

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:13:26 AM

Quant Time: Dec 12 05:10:01 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	343032	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	325729	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	169340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	97361	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.28%
7) Chloroethane-d5	2.77	69	79266	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	3.86	63	164809	18.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.20%
20) 2-Butanone-d5	6.90	46	67048	38.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.54%
24) Chloroform-d	7.49	84	208503	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	8.15	65	118298	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	8.12	84	432110	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.12	67	134471	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	10.18	98	402610	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.44	79	63918	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.88%
39) 2-Hexanone-d5	10.79	63	53766	38.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.92%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	108016	21.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.88%
61) 1,2-Dichlorobenzene-d4	13.72	152	146877	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds				Ovalue
16) Methylene chloride	4.73	84	8973m	1.490 ug/L

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

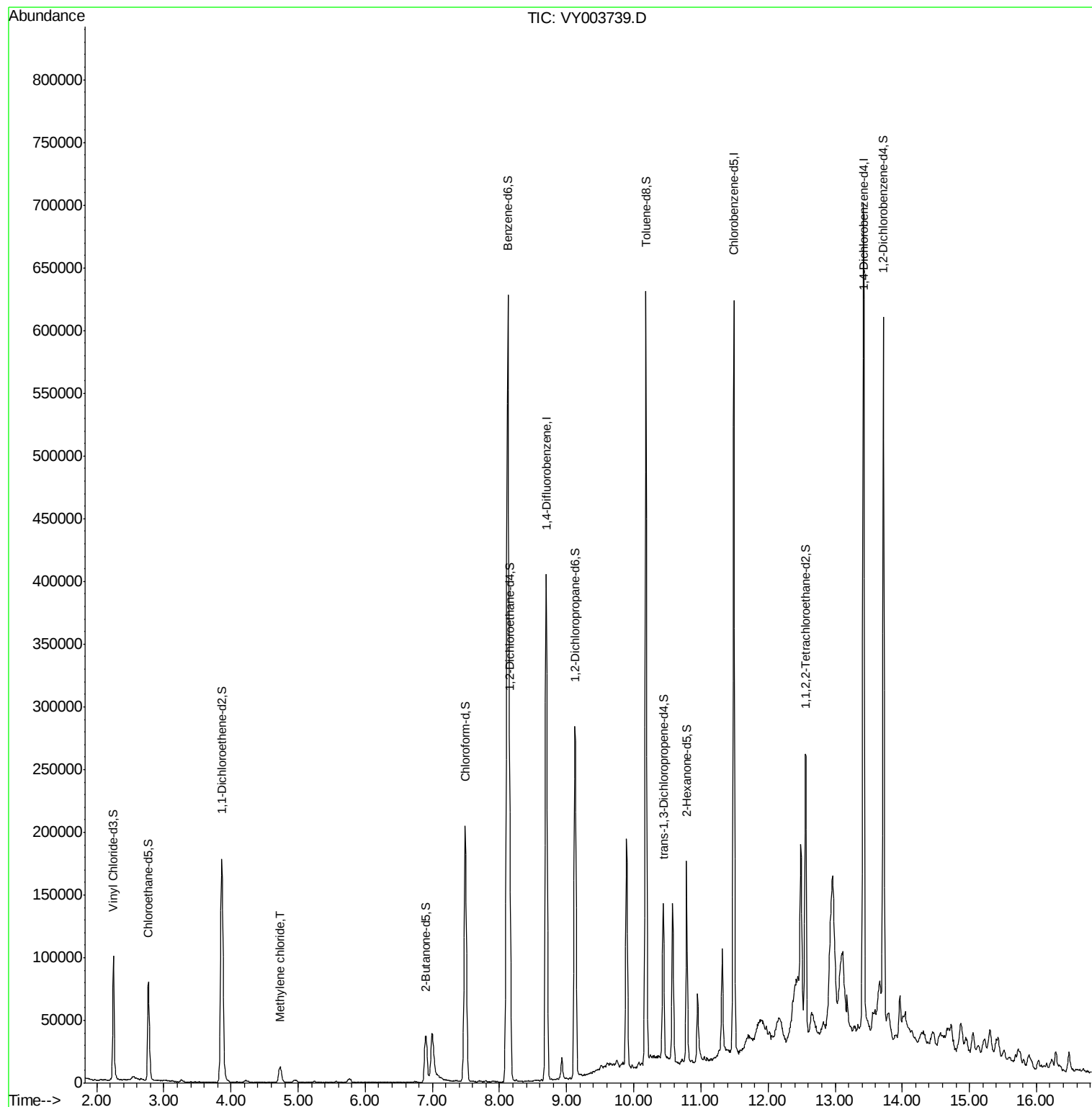
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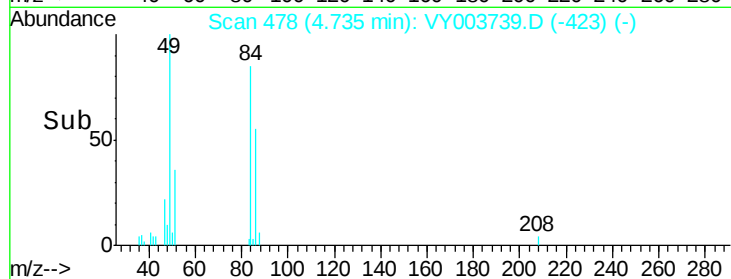
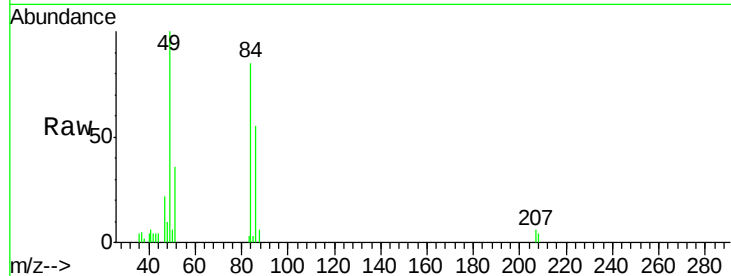
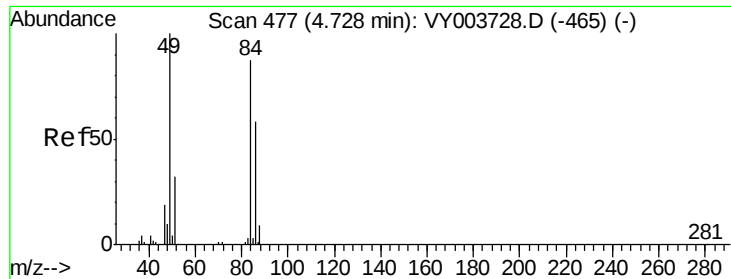
Instrument :
MSVOA_Y
ClientSampled :
VIBLK05

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#16

Methylene chloride

Concen: 1.490 ug/L m

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VY003739.D

Acq: 11 Dec 2020 19:52

Tot Ion:	84	Resp:	8973
Ion Ratio	Lower	Upper	
84	100		
49	117.1	83.7	155.4
86	64.2	45.0	83.6

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