

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003815.D
 Acq On : 18 Dec 2020 13:14
 Operator : SY/MD
 Sample : L5134-04
 Misc : 5.05G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VHBLK01

Quant Time: Dec 19 00:46:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 00:17:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	255794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	241081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	118758	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	78279	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
7) Chloroethane-d5	2.77	69	59070	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
10) 1,1-Dichloroethene-d2	3.86	63	103328	14.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.36%
20) 2-Butanone-d5	6.90	46	52598	34.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.16%
24) Chloroform-d	7.49	84	130347	19.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	8.15	65	74352	19.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.16%
29) Benzene-d6	8.12	84	293011	21.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.00%
33) 1,2-Dichloropropane-d6	9.12	67	84950	19.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.20%
37) Toluene-d8	10.18	98	269964	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.52%
38) trans-1,3-Dichloropropene-	10.44	79	41006	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.44%
39) 2-Hexanone-d5	10.79	63	44733	37.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.66%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	76248	20.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.28%
61) 1,2-Dichlorobenzene-d4	13.72	152	98503	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

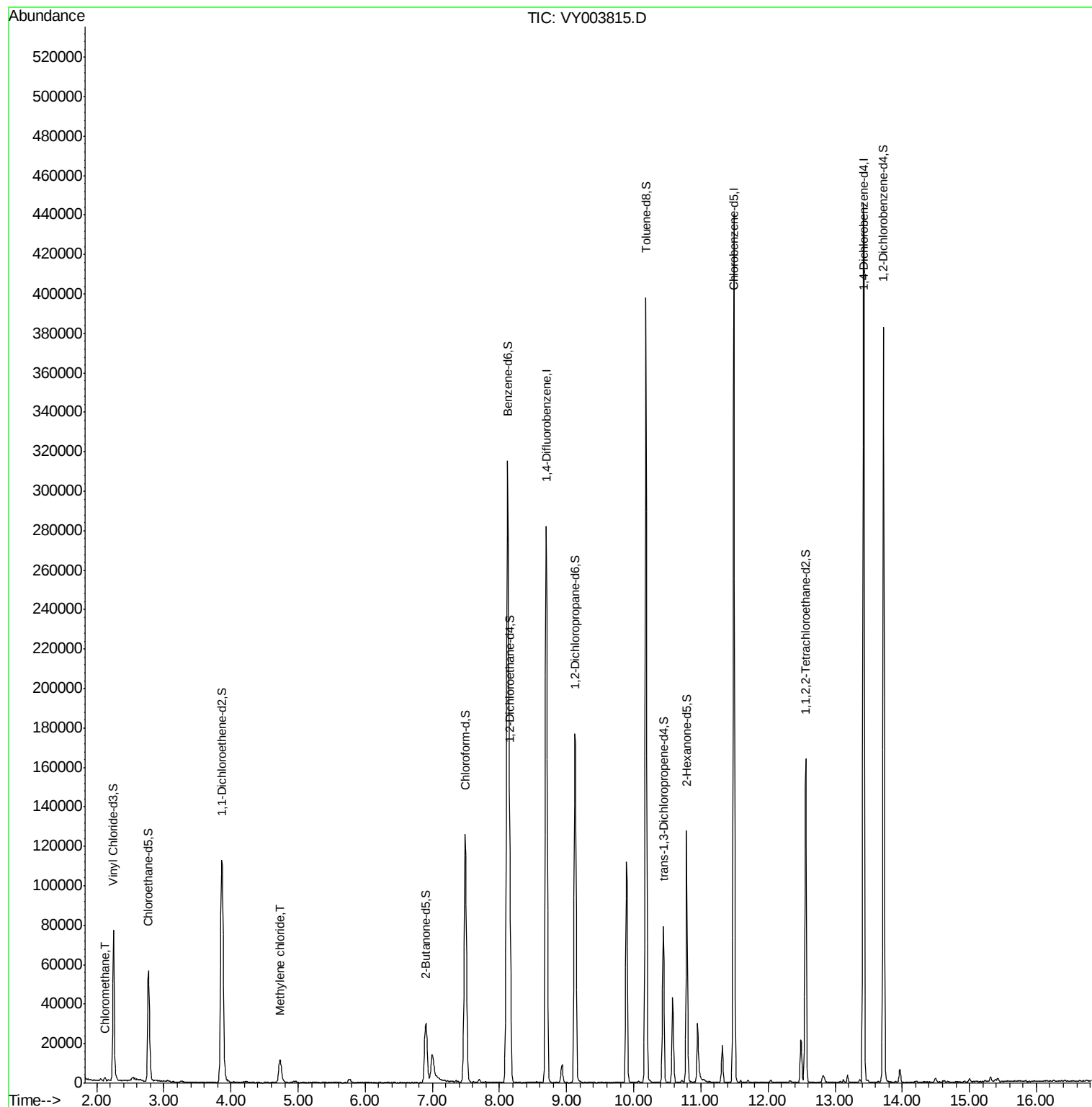
Target Compounds					Ovalue
3) Chloromethane	2.13	50	1467	0.368 ug/L #	78
16) Methylene chloride	4.73	84	8855	1.928 ug/L	78

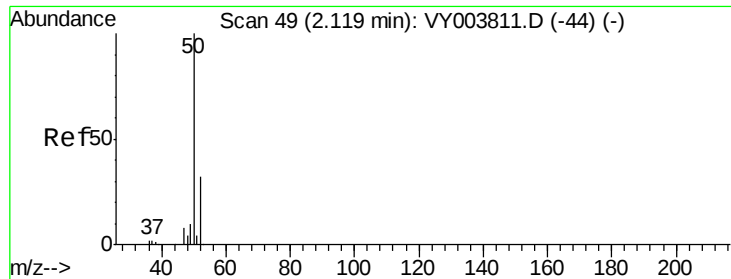
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.368 ug/L

RT: 2.13 min Scan# 50

Delta R.T. 0.01 min

Lab File: VY003815.D

Acq: 18 Dec 2020 13:14

Instrument :

MSVOA_Y

ClientSampled :

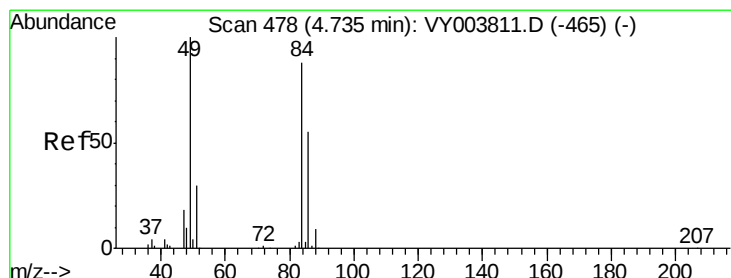
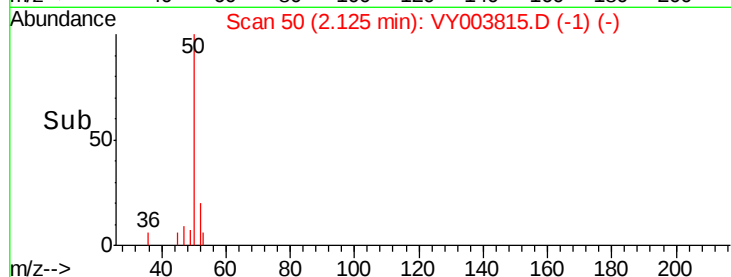
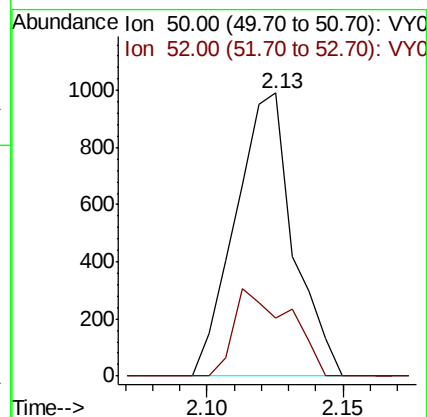
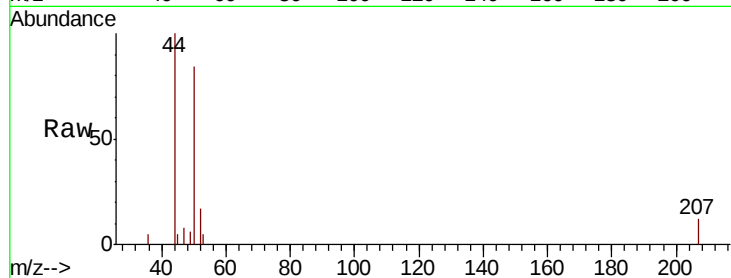
VHBLK01

Tot Ion: 50 Resp: 1467

Ion Ratio Lower Upper

50 100

52 20.5 22.8 42.4#



#16

Methylene chloride

Concen: 1.928 ug/L

RT: 4.73 min Scan# 478

Delta R.T. -0.00 min

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Tgt Ion: 84 Resp: 8855

Ion Ratio Lower Upper

84 100

49 92.4 88.2 163.8

86 55.1 43.0 79.8

