

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003757.D
 Acq On : 14 Dec 2020 18:48
 Operator : SY/MD
 Sample : L5063-06RE
 Misc : 4.28G/10ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD8RE

Quant Time: Dec 15 05:07:11 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	283070	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	216364	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	68077	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	106554	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
7) Chloroethane-d5	2.77	69	80988	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.48%
10) 1,1-Dichloroethene-d2	3.86	63	154667	19.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.24%
20) 2-Butanone-d5	6.90	46	62395	37.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.12%
24) Chloroform-d	7.49	84	185128	25.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	8.15	65	100189	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.40%
29) Benzene-d6	8.12	84	387039	30.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.64%
33) 1,2-Dichloropropane-d6	9.12	67	119539	30.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.64%#
37) Toluene-d8	10.18	98	321705	28.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.52%
38) trans-1,3-Dichloropropene-	10.44	79	45093	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.79	63	45713	42.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.02%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	74810	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	67484	27.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.40%

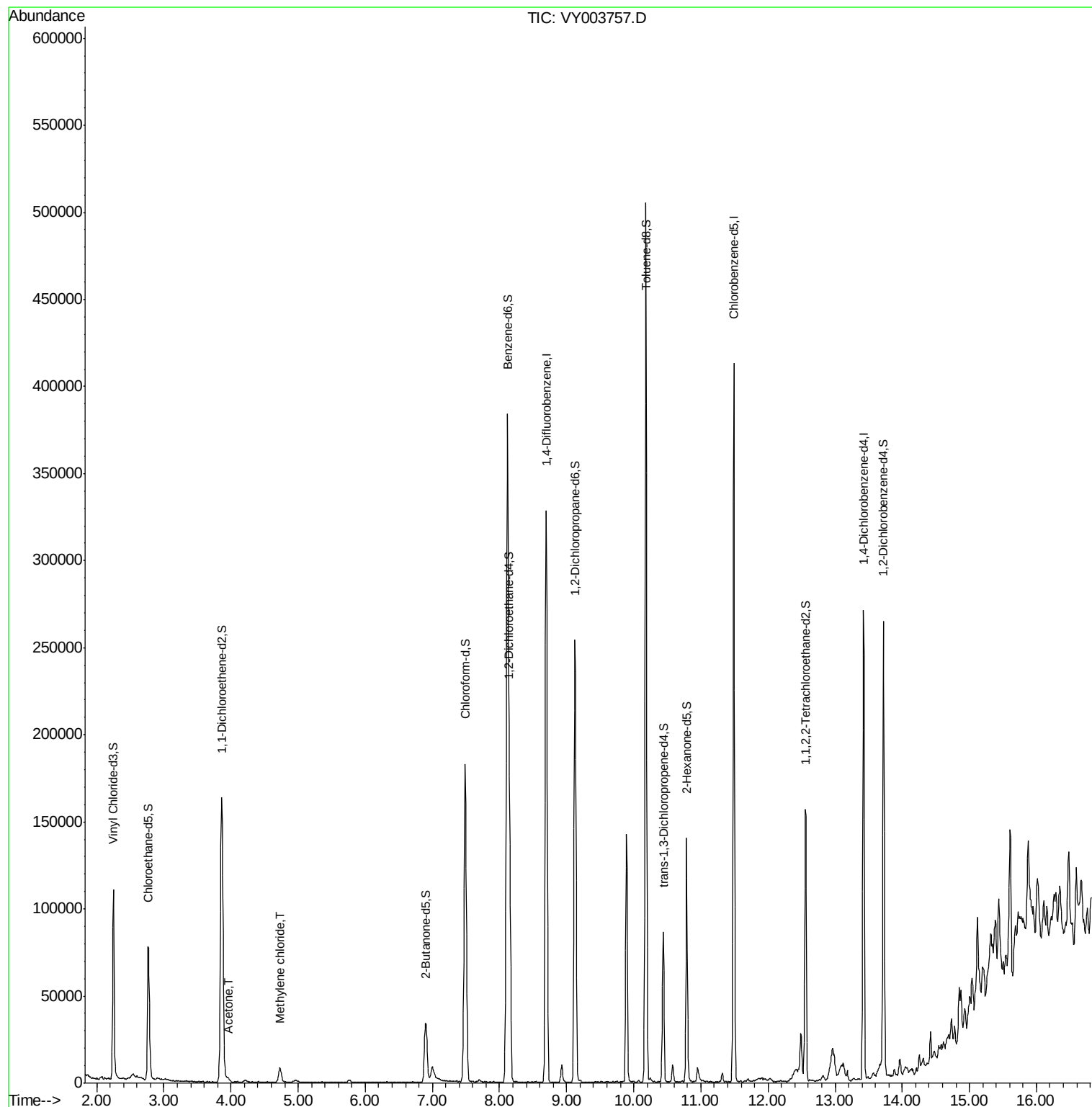
Target Compounds					Ovalue
13) Acetone	3.97	43	3258	2.807 ug/L	91
16) Methylene chloride	4.73	84	5175	1.018 ug/L	88

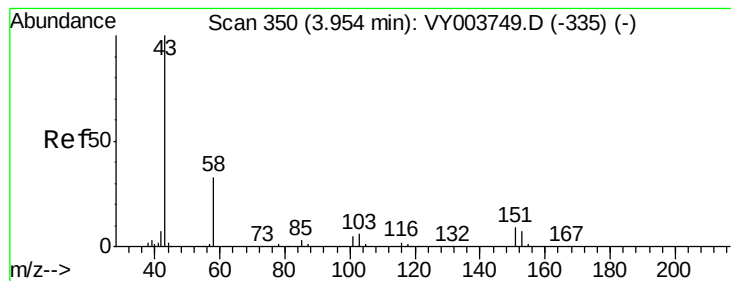
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.807 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

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Instrument :

MSVOA_Y

ClientSampleId :

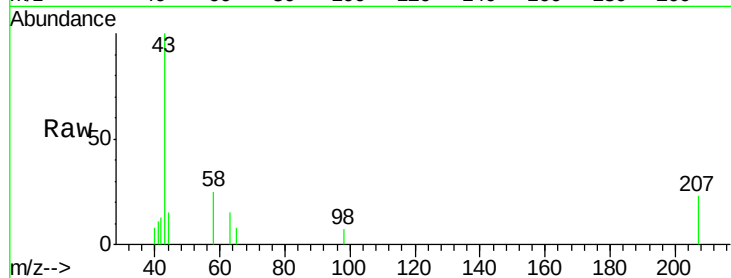
C0AD8RE

Tot Ion: 43 Resp: 3258

Ion Ratio Lower Upper

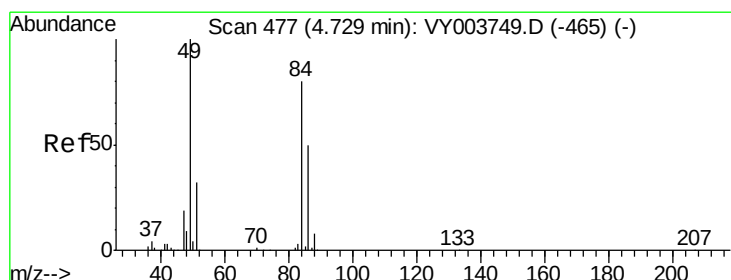
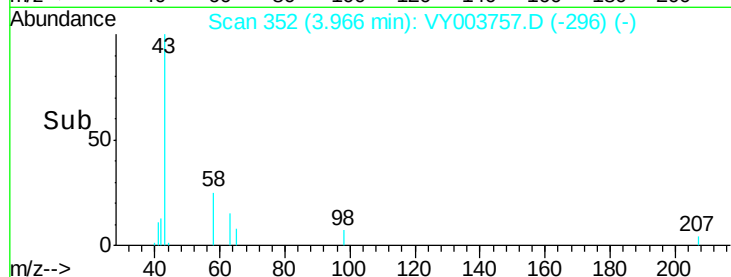
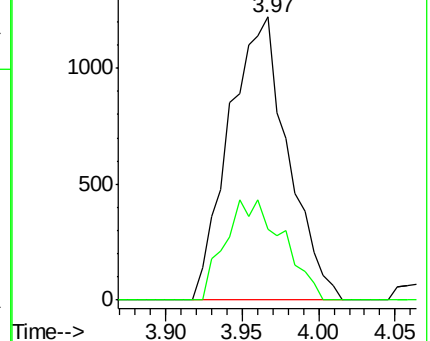
43 100

58 27.8 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#16

Methylene chloride

Concen: 1.018 ug/L

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

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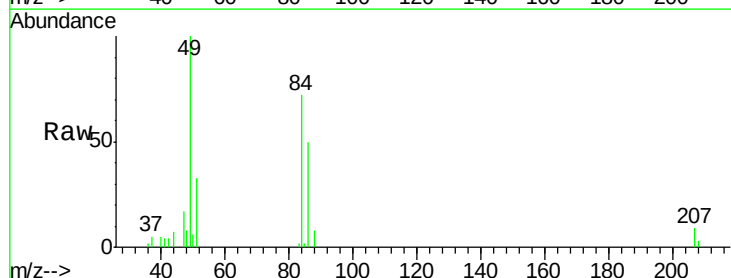
Tgt Ion: 84 Resp: 5175

Ion Ratio Lower Upper

84 100

49 139.6 88.2 163.8

86 70.4 43.0 79.8



Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

