

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003761.D
 Acq On : 14 Dec 2020 20:20
 Operator : SY/MD
 Sample : L5063-08RE
 Misc : 4.78G/10ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COAEORE

Quant Time: Dec 15 05:20:58 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	144885	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	111688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	34659	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	55282	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.84%
7) Chloroethane-d5	2.77	69	42779	29.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.08%
10) 1,1-Dichloroethene-d2	3.86	63	79865	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.88%
20) 2-Butanone-d5	6.90	46	39945	46.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.72%
24) Chloroform-d	7.48	84	99900	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	8.15	65	58967	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.84%
29) Benzene-d6	8.12	84	200538	31.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.08%
33) 1,2-Dichloropropane-d6	9.12	67	60527	30.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.28%#
37) Toluene-d8	10.18	98	157975	27.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.00%
38) trans-1,3-Dichloropropene-	10.43	79	27945	28.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.92%
39) 2-Hexanone-d5	10.79	63	27318	49.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.42%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	39210	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.12%
61) 1,2-Dichlorobenzene-d4	13.72	152	31627	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

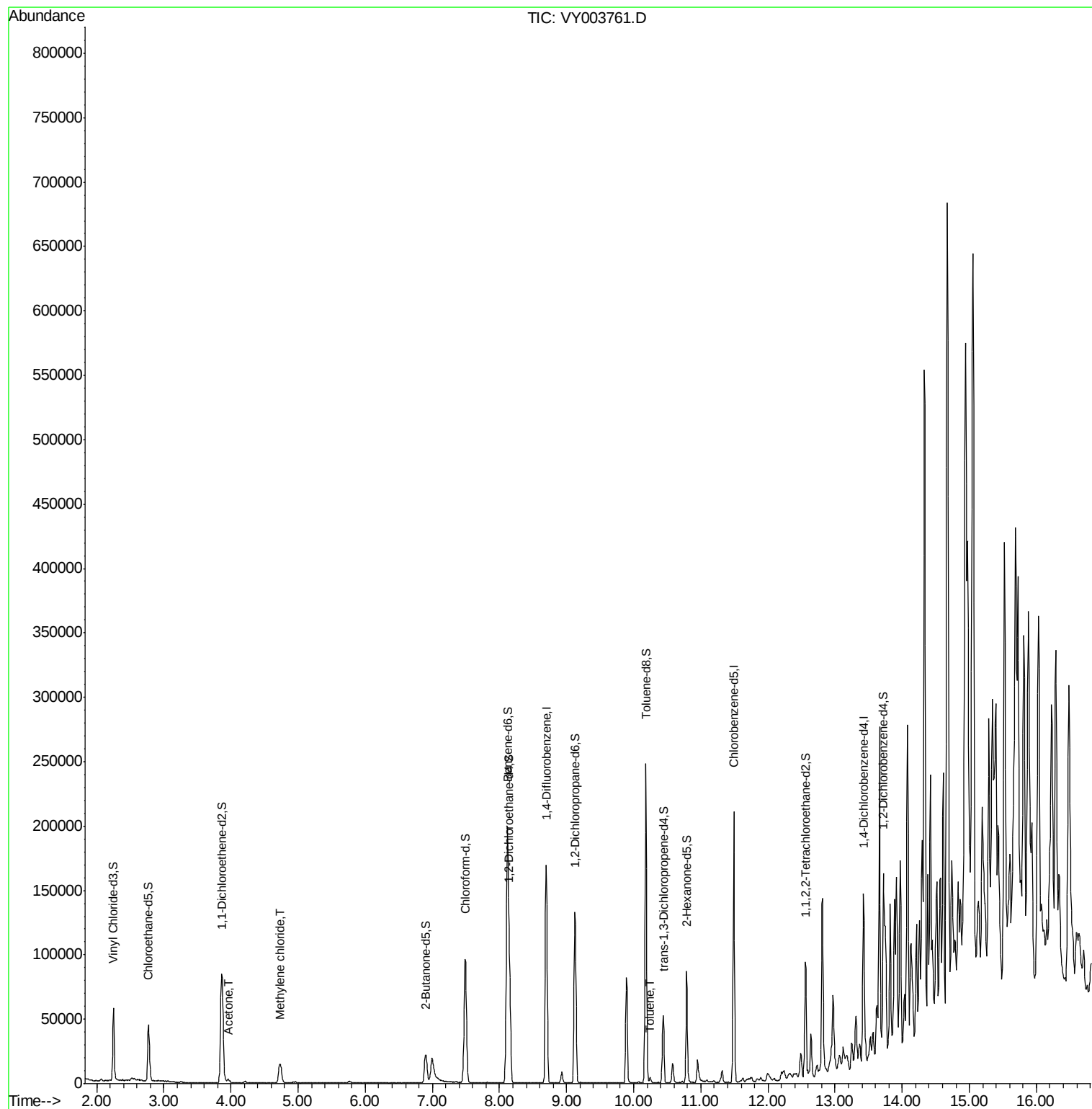
					Ovalue
13) Acetone	3.97	43	4292	7.225 ug/L	100
16) Methylene chloride	4.73	84	11259	4.329 ug/L	92
44) Toluene	10.25	91	3001	0.398 ug/L	89

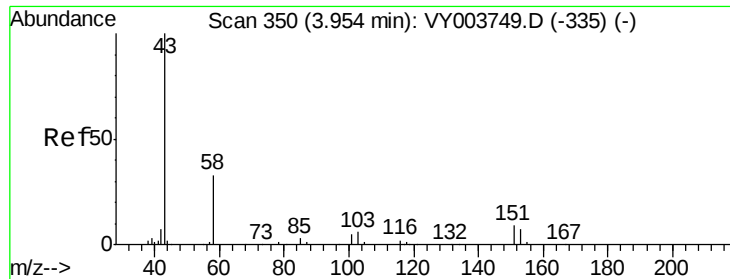
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.225 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

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Instrument :

MSVOA_Y

ClientSampleId :

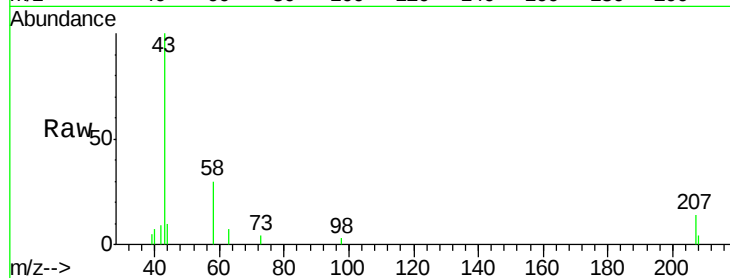
COAEORE

Tot Ion: 43 Resp: 4292

Ion Ratio Lower Upper

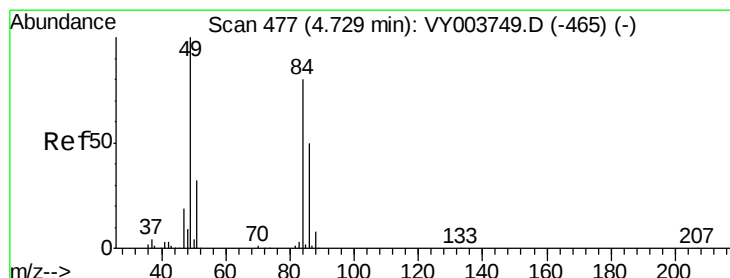
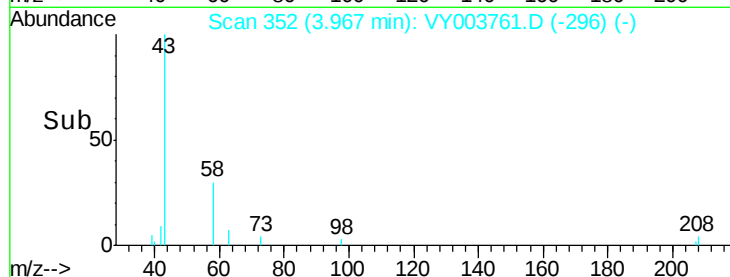
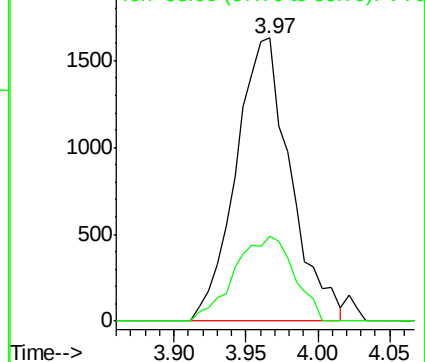
43 100

58 32.6 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: 4.329 ug/L

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

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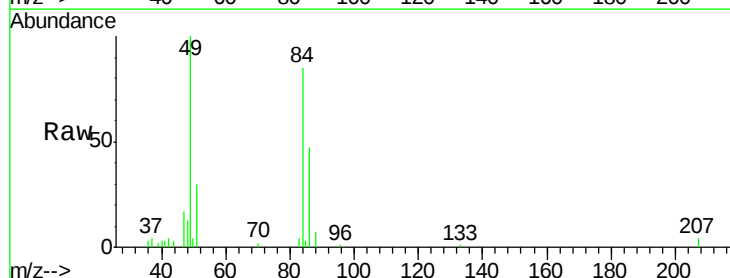
Tgt Ion: 84 Resp: 11259

Ion Ratio Lower Upper

84 100

49 117.1 88.2 163.8

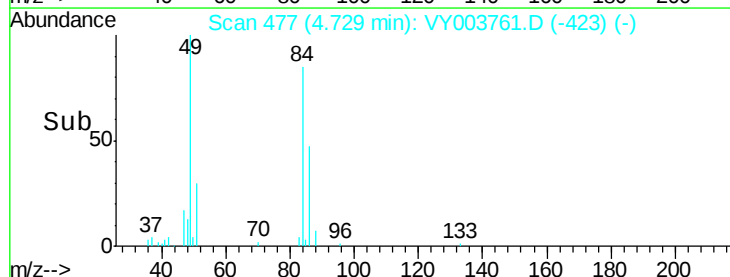
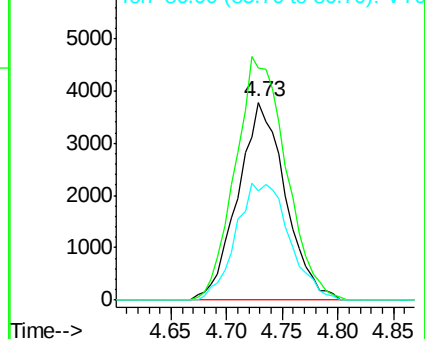
86 55.4 43.0 79.8

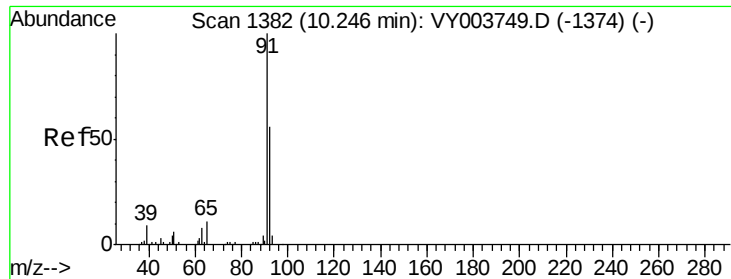


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#44

Toluene

Concen: 0.398 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. -0.00 min

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Tot Ion: 91 Resp: 3001

Ion Ratio Lower Upper

91 100

92 48.9 39.9 74.1

