

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003752.D
 Acq On : 14 Dec 2020 16:55
 Operator : SY/MD
 Sample : VIBLK62
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK62

Manual Integrations
 APPROVED

MMDadoda
 12/16/2020 12:35:44 PM

Quant Time: Dec 15 04:24:42 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	345935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	329397	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	175228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	121249	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.72%
7) Chloroethane-d5	2.77	69	90014	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
10) 1,1-Dichloroethene-d2	3.86	63	186028	18.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.00%
20) 2-Butanone-d5	6.90	46	118562	57.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.26%
24) Chloroform-d	7.48	84	219167	24.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	8.15	65	131918	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.88%
29) Benzene-d6	8.12	84	477298	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	9.12	67	148065	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	10.18	98	438497	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.64%
38) trans-1,3-Dichloropropene-	10.43	79	75254	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.00%
39) 2-Hexanone-d5	10.79	63	95009	58.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.06%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	139587	26.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.56%
61) 1,2-Dichlorobenzene-d4	13.72	152	165660	26.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.28%

Target Compounds					Ovalue
13) Acetone	3.95	43	1472	1.038 ug/L	94
16) Methylene chloride	4.73	84	9590m	1.544 ug/L	

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

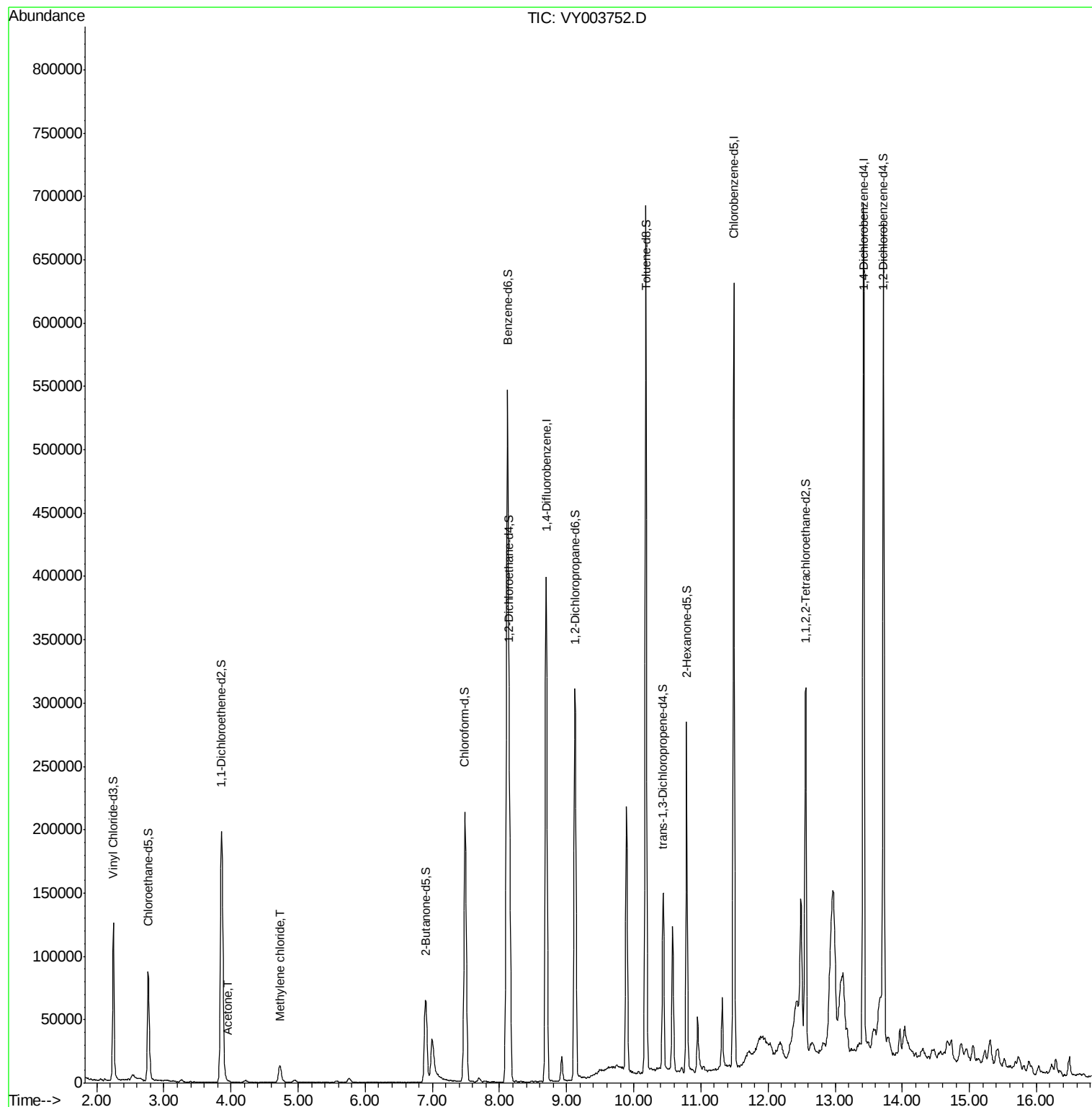
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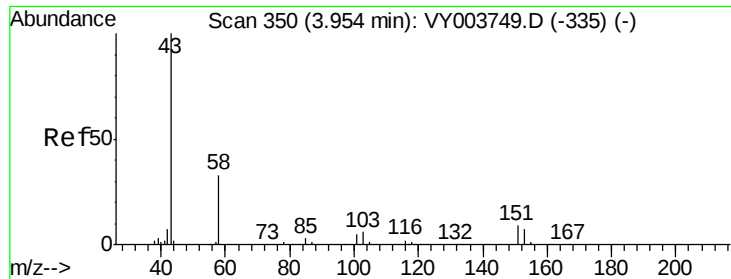
Instrument :
MSVOA_Y
ClientSampled :
VIBLK62

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#13

Acetone

Concen: 1.038 ug/L

RT: 3.95 min Scan# 350

Delta R.T. -0.00 min

Lab File: VY003752.D

Acq: 14 Dec 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK62

Tot Ion: 43 Resp: 1472

Ion Ratio Lower Upper

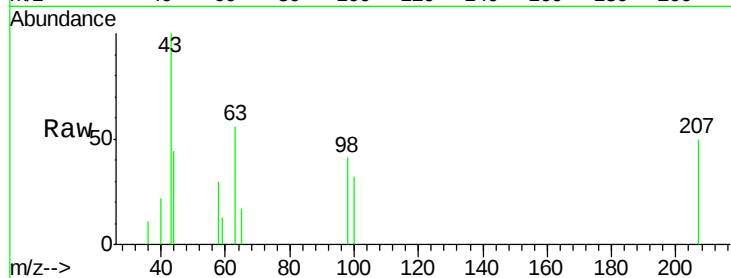
43 100

58 29.1 0.0 65.4

Manual Integrations
APPROVED

MMDadoda

12/16/2020 12:35:44 PM



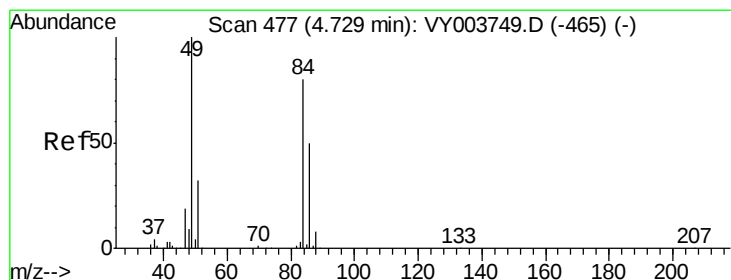
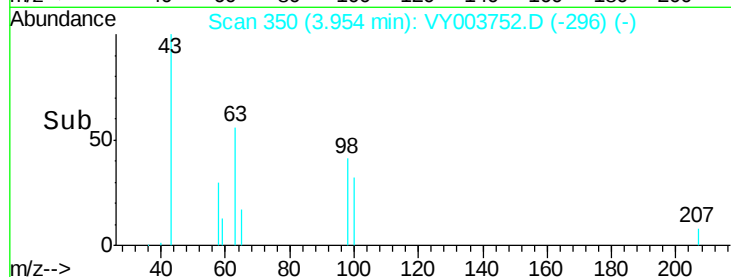
Abundance Ion 43.00 (42.70 to 43.70): VY003749.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VY003749.D (-335) (-)

3.95

4.00

Time-->



#16

Methylene chloride

Concen: 1.544 ug/L m

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VY003752.D

Acq: 14 Dec 2020 16:55

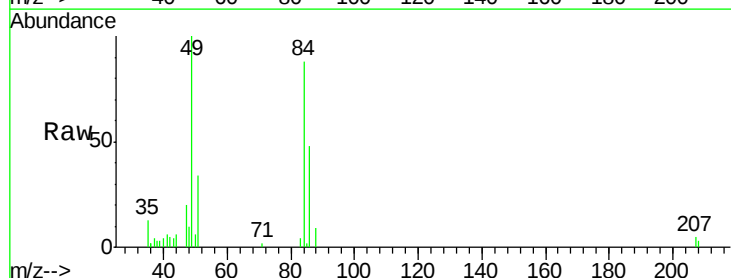
Tgt Ion: 84 Resp: 9590

Ion Ratio Lower Upper

84 100

49 113.4 88.2 163.8

86 54.9 43.0 79.8



Abundance Ion 84.00 (83.70 to 84.70): VY003749.D (-465) (-)

Ion 49.00 (48.70 to 49.70): VY003749.D (-465) (-)

Ion 86.00 (85.70 to 86.70): VY003749.D (-465) (-)

4.73

4.80

Time-->

