

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003717.D
 Acq On : 10 Dec 2020 14:19
 Operator : SY/MD
 Sample : L4980-03
 Misc : 5.70G/10ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1E8

Quant Time: Dec 11 01:17:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	188716	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	141508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	34652	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	56344	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.44%
7) Chloroethane-d5	2.77	69	49272	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	3.86	63	87172	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.44%
20) 2-Butanone-d5	6.90	46	49092	51.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.20%
24) Chloroform-d	7.49	84	122623	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.15	65	70412	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.08%
29) Benzene-d6	8.12	84	249348	30.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.76%
33) 1,2-Dichloropropane-d6	9.12	67	77552	31.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.96%#
37) Toluene-d8	10.18	98	203906	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.08%
38) trans-1,3-Dichloropropene-	10.44	79	34212	29.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.12%
39) 2-Hexanone-d5	10.79	63	40257	66.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.56%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	63396	29.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.40%
61) 1,2-Dichlorobenzene-d4	13.72	152	32639	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

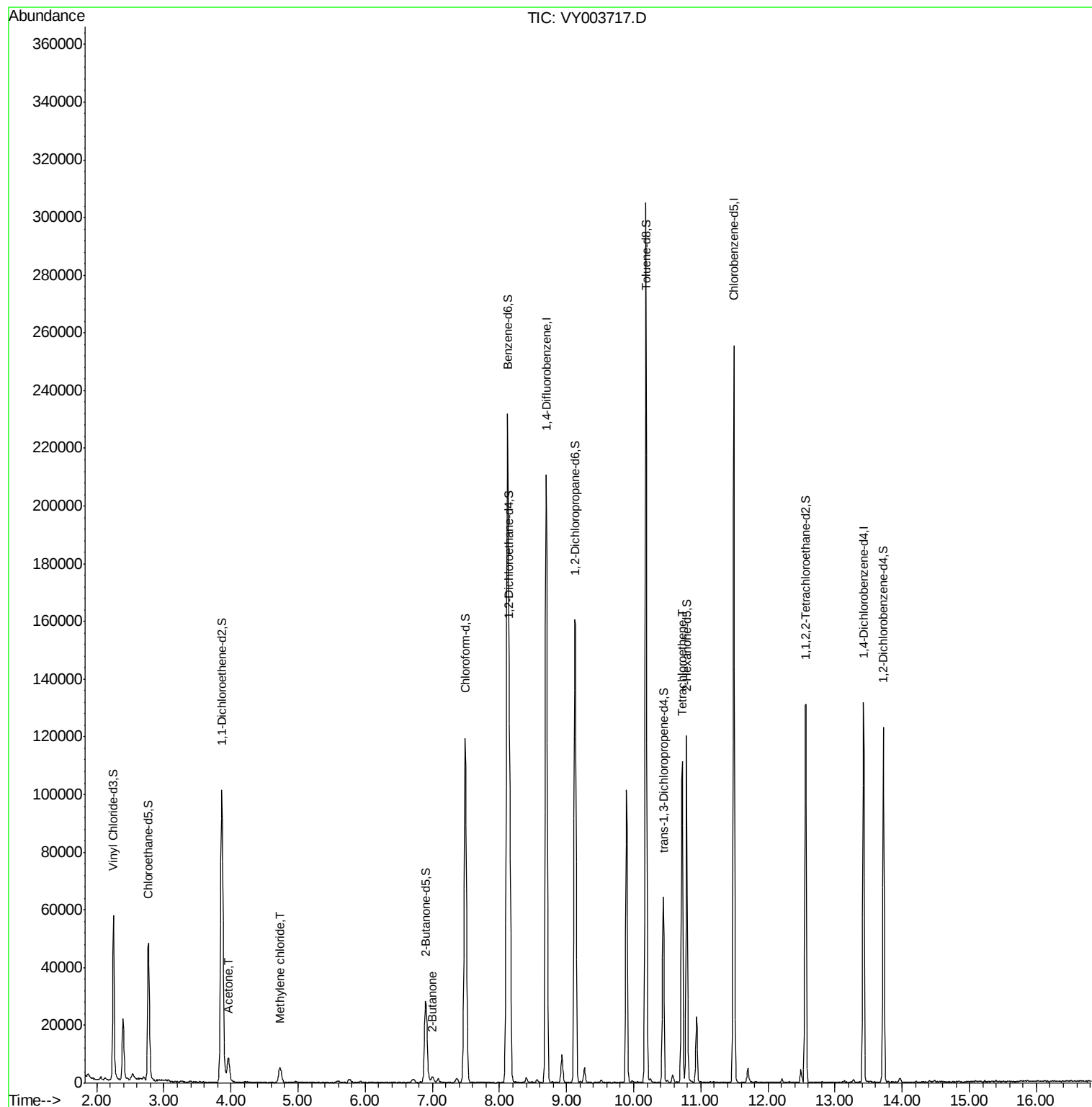
					Ovalue
13) Acetone	3.96	43	14295	20.497 ug/L	99
16) Methylene chloride	4.73	84	4045	1.221 ug/L	95
21) 2-Butanone	7.00	43	3157	2.564 ug/L	77
47) Tetrachloroethene	10.72	164	25940	14.987 ug/L	98

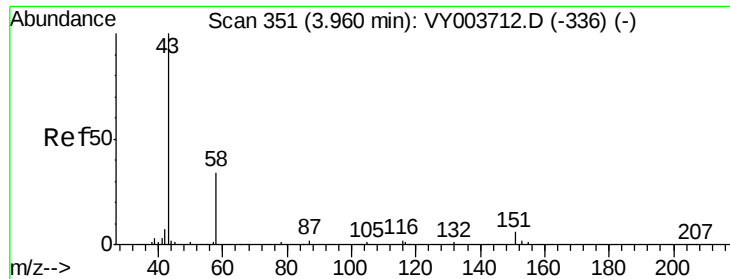
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.497 ug/L

RT: 3.96 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003717.D

Acq: 10 Dec 2020 14:19

Instrument :

MSVOA_Y

ClientSampleId :

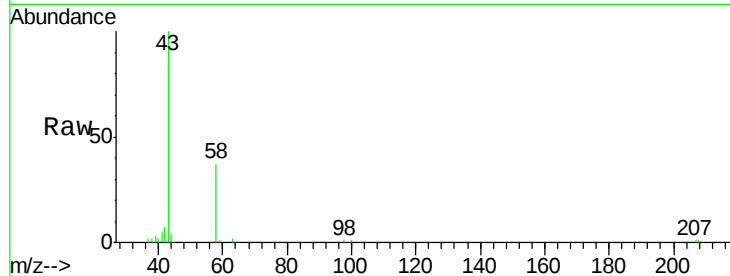
GB1E8

Tot Ion: 43 Resp: 14295

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY003717.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VY003717.D (-336) (-)

3.96

6000

5000

4000

3000

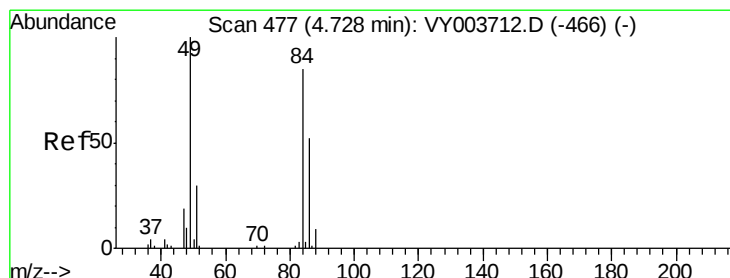
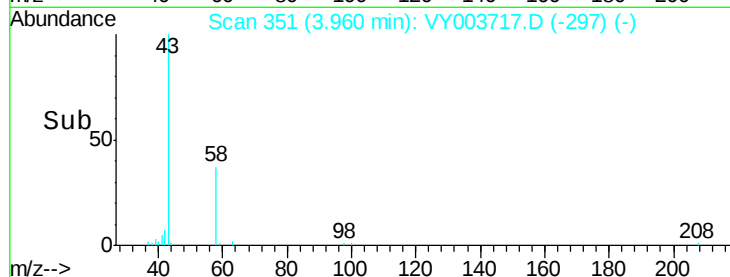
2000

1000

0

Time-->

3.90 4.00



#16

Methylene chloride

Concen: 1.221 ug/L

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VY003717.D

Acq: 10 Dec 2020 14:19

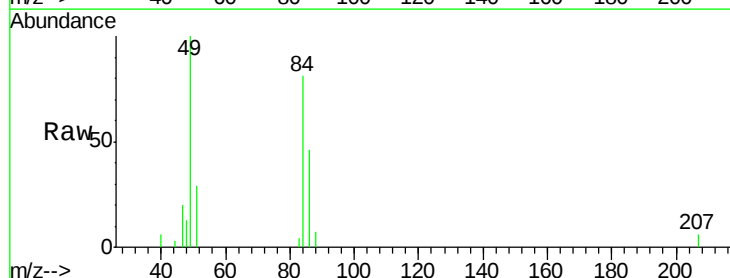
Tgt Ion: 84 Resp: 4045

Ion Ratio Lower Upper

84 100

49 123.1 83.7 155.4

86 56.8 45.0 83.6



Abundance Ion 84.00 (83.70 to 84.70): VY003717.D (-466) (-)

Ion 49.00 (48.70 to 49.70): VY003717.D (-466) (-)

Ion 86.00 (85.70 to 86.70): VY003717.D (-466) (-)

4.73

2000

1500

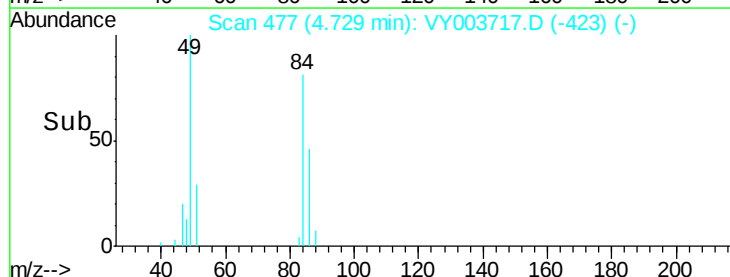
1000

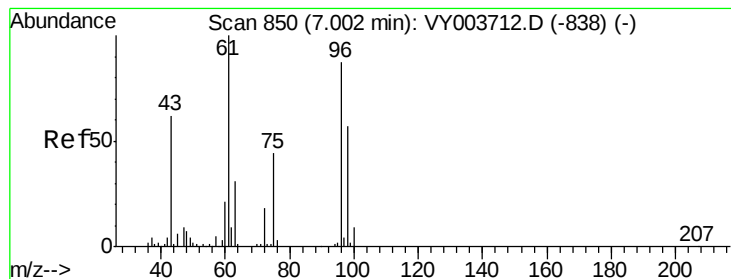
500

0

Time-->

4.65 4.70 4.75 4.80





#21

2-Butanone

Concen: 2.564 ug/L

RT: 7.00 min Scan# 849

Delta R.T. -0.01 min

Lab File: VY003717.D

Acq: 10 Dec 2020 14:19

Instrument :

MSVOA_Y

ClientSampled :

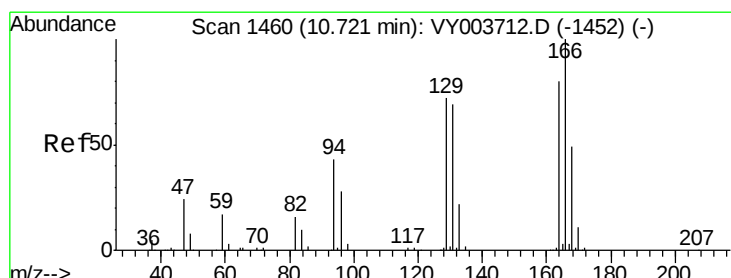
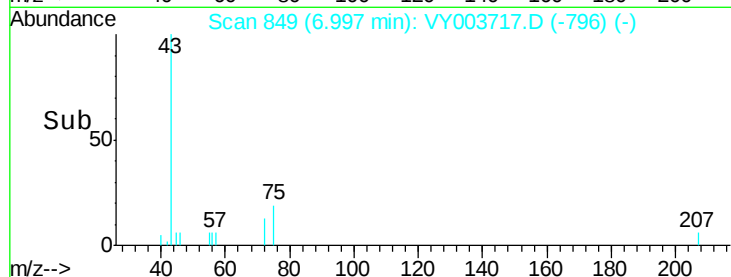
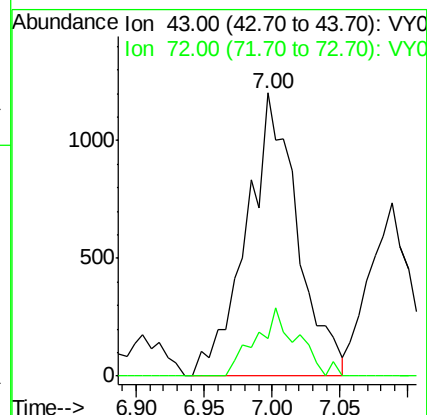
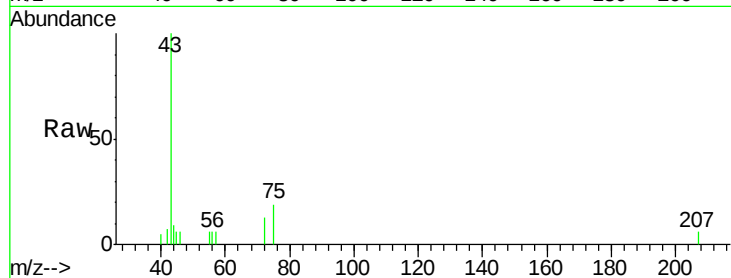
GB1E8

Tot Ion: 43 Resp: 3157

Ion Ratio Lower Upper

43 100

72 15.0 13.3 39.9



#47

Tetrachloroethene

Concen: 14.987 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. 0.00 min

Lab File: VY003717.D

Acq: 10 Dec 2020 14:19

Tgt Ion:164 Resp: 25940

Ion Ratio Lower Upper

164 100

129 84.5 59.6 110.6

131 85.3 57.9 107.5

166 130.4 93.2 173.2

