

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003715.D
 Acq On : 10 Dec 2020 13:34
 Operator : SY/MD
 Sample : L4980-04
 Misc : 5.38G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1E9

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:02 AM

Quant Time: Dec 13 19:32:32 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	216127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	202952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	91576	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58628	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
7) Chloroethane-d5	2.77	69	50693	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
10) 1,1-Dichloroethene-d2	3.86	63	90966	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.24%
20) 2-Butanone-d5	6.90	46	34232	31.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.84%
24) Chloroform-d	7.49	84	128863	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	8.15	65	66844	21.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.44%
29) Benzene-d6	8.12	84	272270	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.12	67	81498	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.18	98	253320	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.44	79	35928	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.48%
39) 2-Hexanone-d5	10.79	63	28791	33.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.10%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	61357	19.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.24%
61) 1,2-Dichlorobenzene-d4	13.72	152	81814	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

					Ovalue
13) Acetone	3.97	43	2651m	3.319	ug/L
16) Methylene chloride	4.73	84	3769m	0.993	ug/L
44) Toluene	10.25	91	3971	0.324	ug/L
47) Tetrachloroethene	10.72	164	51447	20.725	ug/L

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

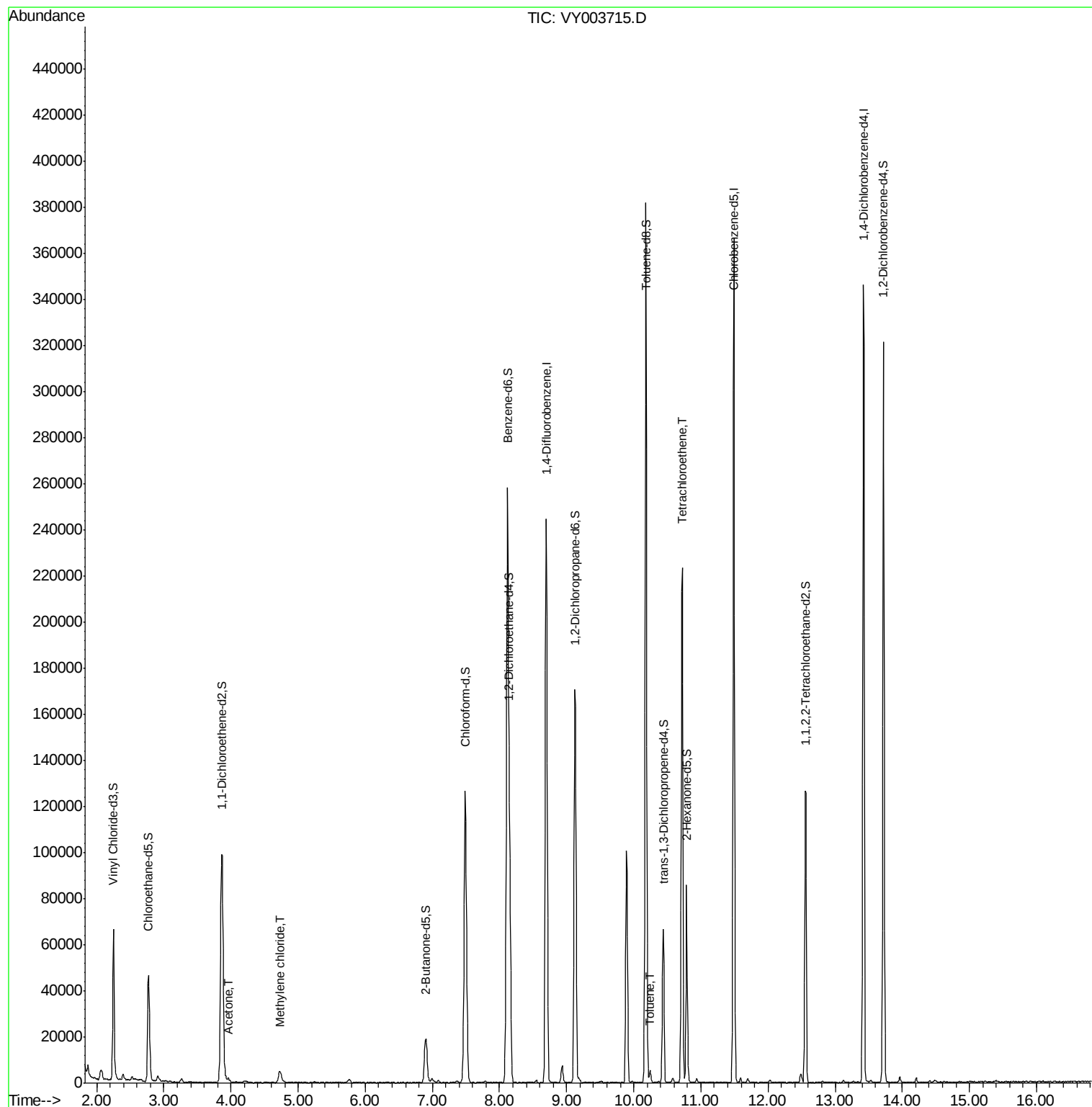
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
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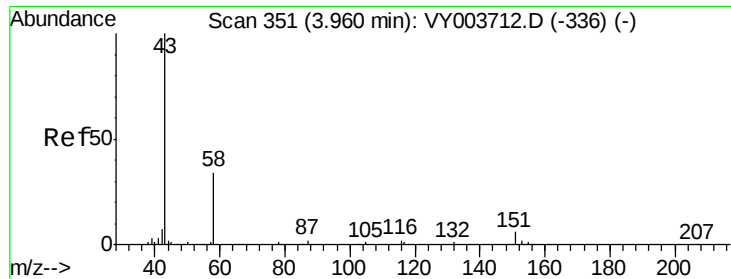
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 3.319 ug/L m

RT: 3.97 min Scan# 353

Delta R.T. 0.01 min

Lab File: VY003715.D

Acq: 10 Dec 2020 13:34

Tot Ion: 43 Resp: 2651

Ion Ratio Lower Upper

43 100

58 24.6 0.0 68.8

Instrument :

MSVOA_Y

ClientSampleId :

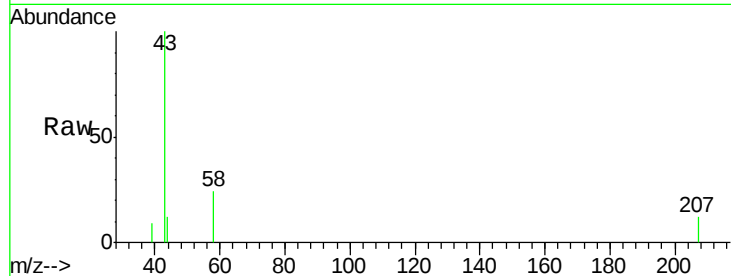
GB1E9

Manual Integrations

APPROVED

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12/14/2020 9:11:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

800

600

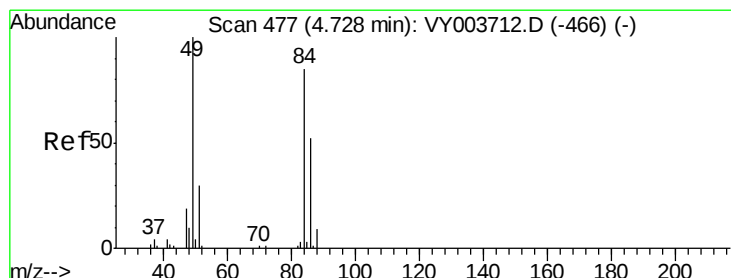
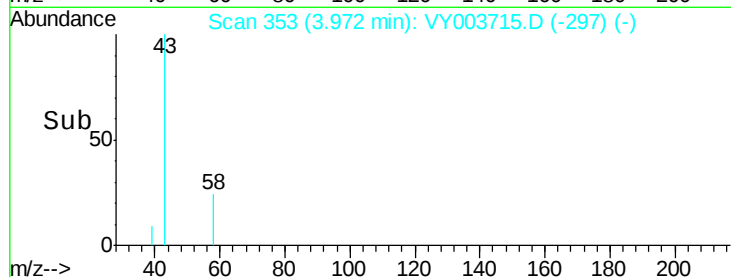
400

200

0

3.90 4.00 4.10

Time-->



#16

Methylene chloride

Concen: 0.993 ug/L m

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VY003715.D

Acq: 10 Dec 2020 13:34

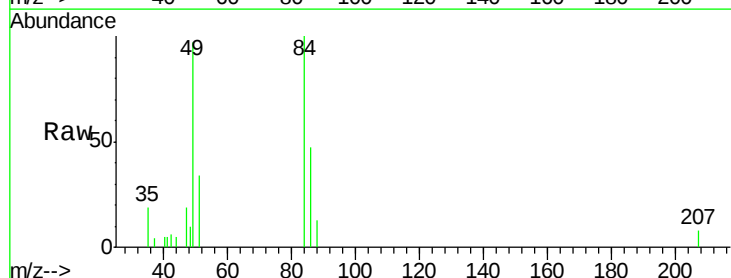
Tgt Ion: 84 Resp: 3769

Ion Ratio Lower Upper

84 100

49 97.3 83.7 155.4

86 47.4 45.0 83.6



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

4.73

1500

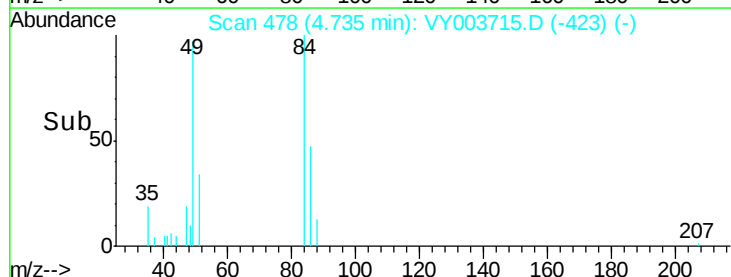
1000

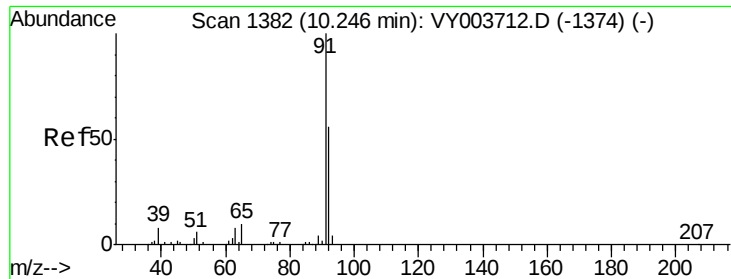
500

0

4.65 4.70 4.75 4.80

Time-->





#44

Toluene

Concen: 0.324 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003715.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_Y

ClientSampled :

GB1E9

Tot Ion: 91 Resp: 3971

Ion Ratio Lower Upper

91 100

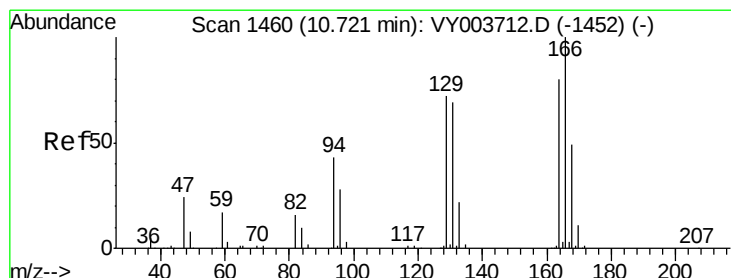
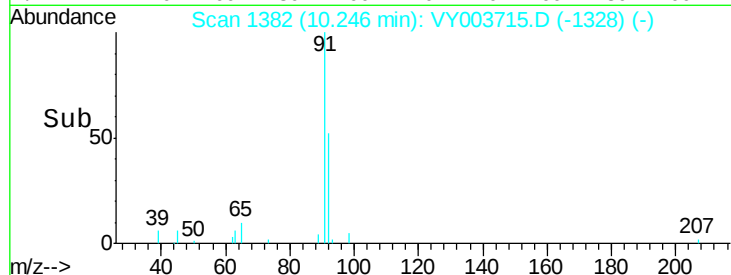
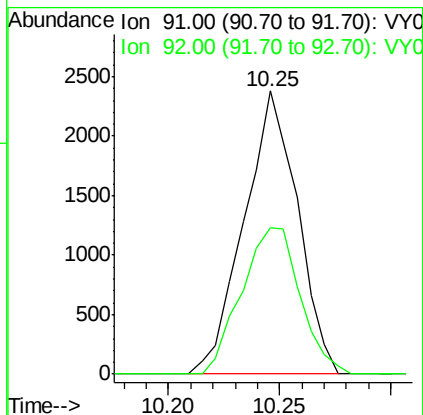
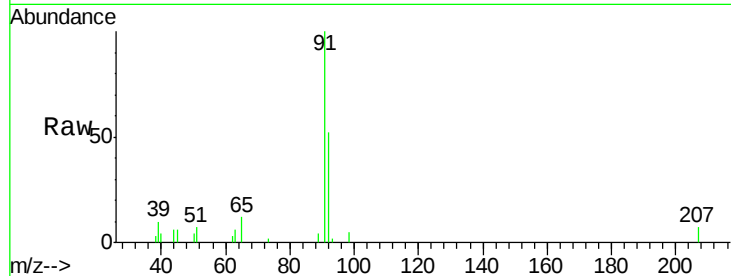
92 51.6 39.8 73.8

Manual Integrations

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#47

Tetrachloroethene

Concen: 20.725 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. 0.00 min

Lab File: VY003715.D

Acq: 10 Dec 2020 13:34

Tgt Ion:164 Resp: 51447

Ion Ratio Lower Upper

164 100

129 86.7 59.6 110.6

131 82.1 57.9 107.5

166 129.5 93.2 173.2

