

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003720.D
 Acq On : 10 Dec 2020 15:45
 Operator : SY/MD
 Sample : L4979-02RE
 Misc : 1.35G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F4RE

Quant Time: Dec 13 19:36:52 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	220108	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	206101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	92085	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58699	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
7) Chloroethane-d5	2.77	69	50717	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	3.86	63	88681	15.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.56%
20) 2-Butanone-d5	6.90	46	33395	30.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.18%
24) Chloroform-d	7.49	84	128072	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.15	65	65449	20.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.16%
29) Benzene-d6	8.12	84	270200	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.12	67	79548	22.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.12%
37) Toluene-d8	10.18	98	253998	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.00%
38) trans-1,3-Dichloropropene-	10.44	79	34921	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	10.79	63	28282	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	57024	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.52%
61) 1,2-Dichlorobenzene-d4	13.72	152	80907	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

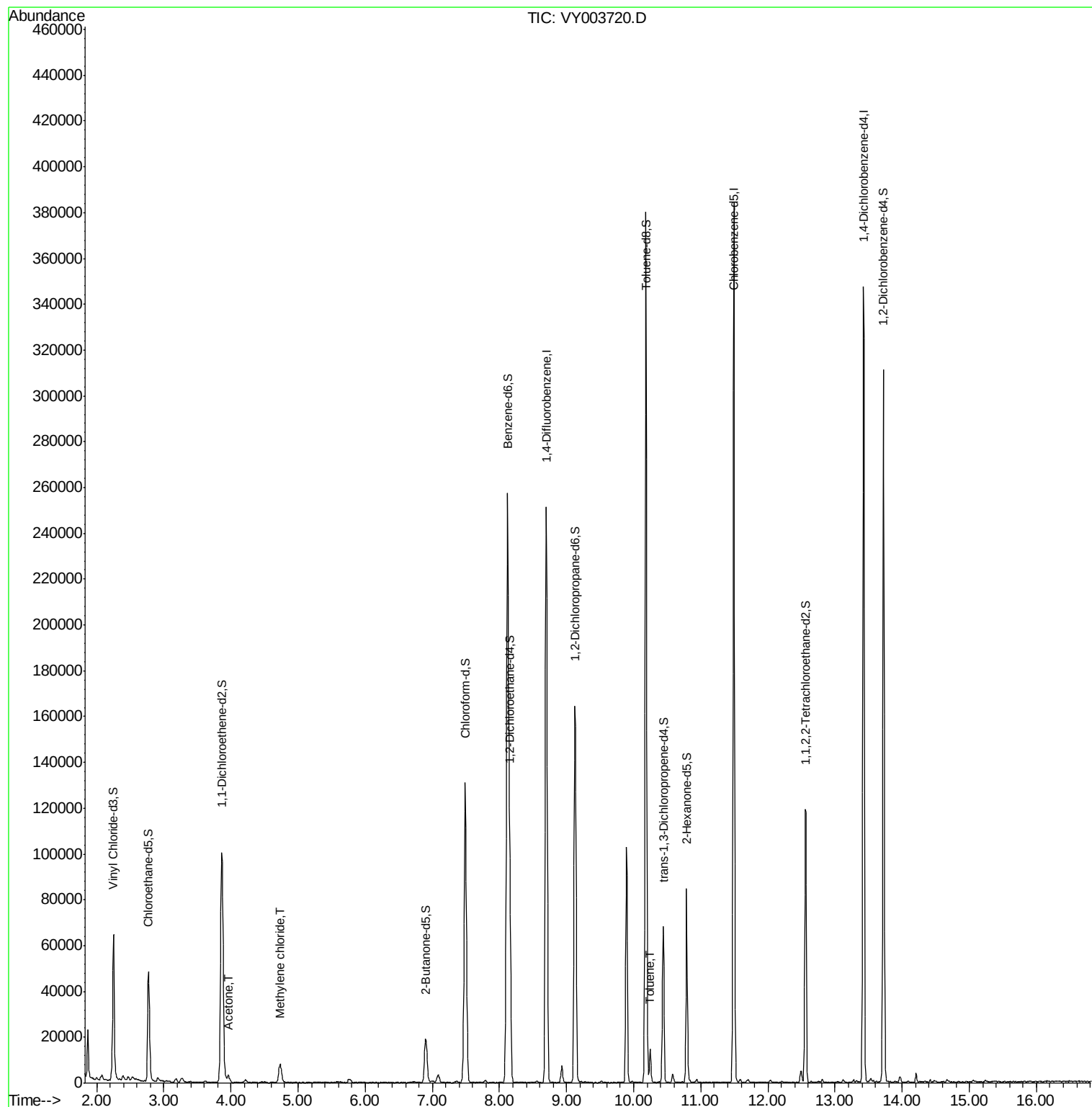
Target Compounds					Ovalue
13) Acetone	3.97	43	4479	5.506 ug/L	100
16) Methylene chloride	4.73	84	6196	1.603 ug/L	93
44) Toluene	10.25	91	10491	0.844 ug/L	93

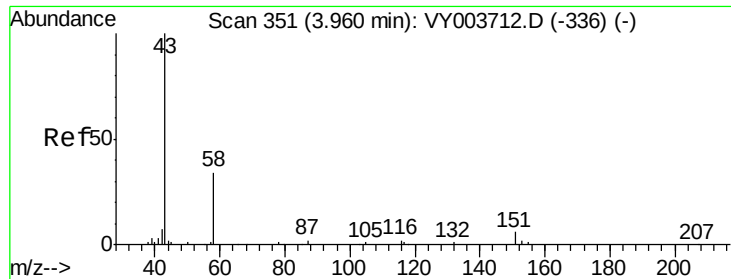
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.506 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003720.D

Acq: 10 Dec 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

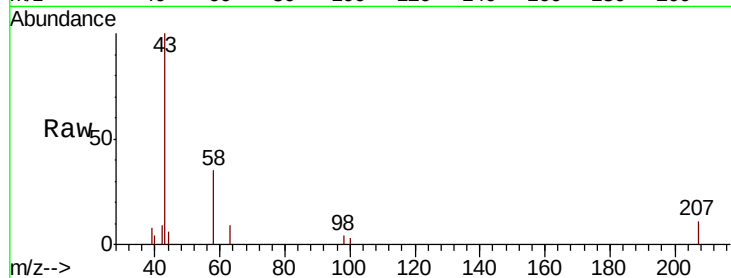
GB1F4RE

Tot Ion: 43 Resp: 4479

Ion Ratio Lower Upper

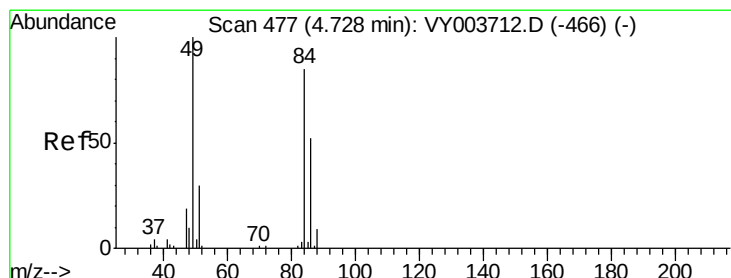
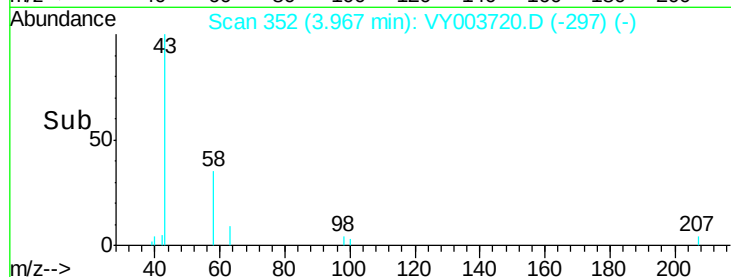
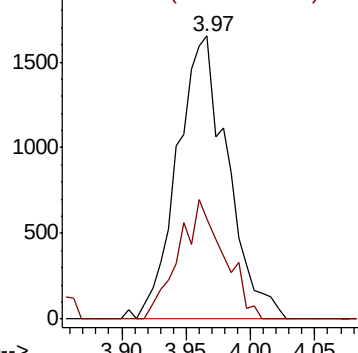
43 100

58 34.3 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#16

Methylene chloride

Concen: 1.603 ug/L

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VY003720.D

Acq: 10 Dec 2020 15:45

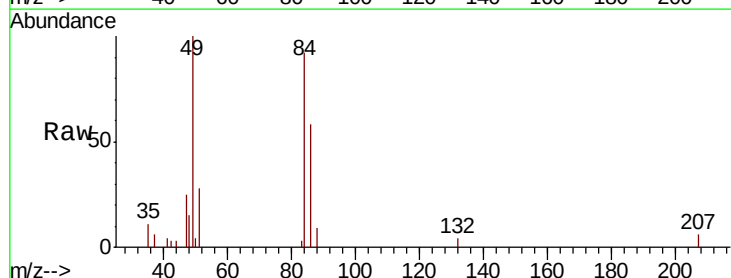
Tgt Ion: 84 Resp: 6196

Ion Ratio Lower Upper

84 100

49 108.6 83.7 155.4

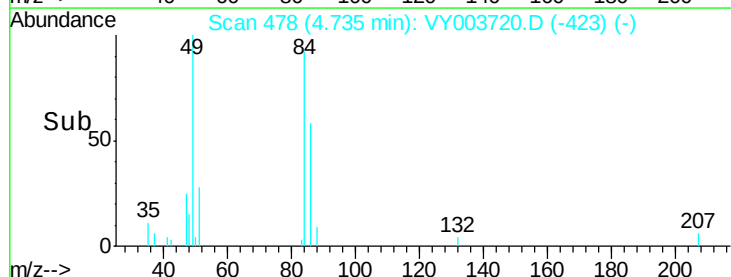
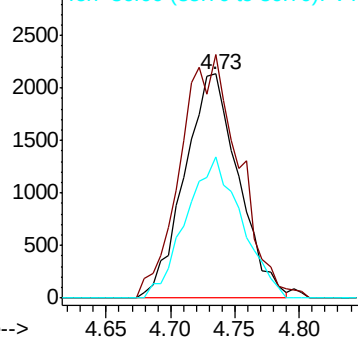
86 63.1 45.0 83.6

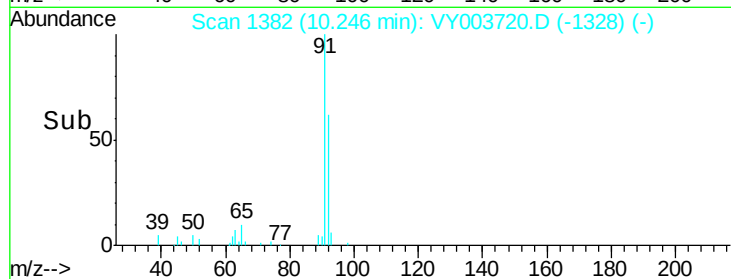
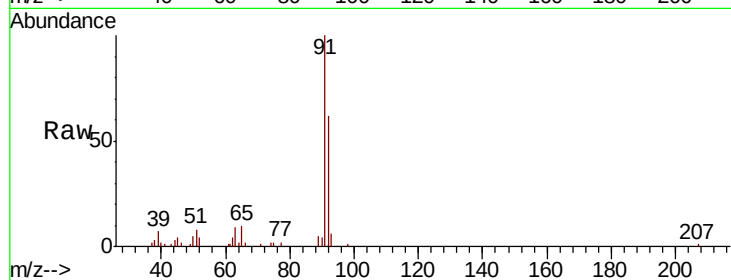
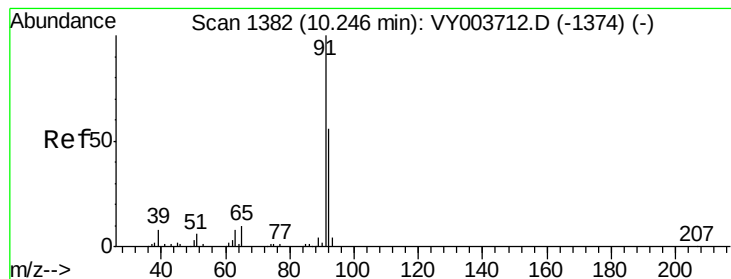


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#44

Toluene

Concen: 0.844 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

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Acq: 10 Dec 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

GB1F4RE

Tot Ion: 91 Resp: 10491

Ion Ratio Lower Upper

91 100

92 62.3 39.8 73.8

