

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003702.D
 Acq On : 09 Dec 2020 15:48
 Operator : SY/MD
 Sample : L4979-01
 Misc : 3.56G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F3

Quant Time: Dec 10 03:39:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	243467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	228706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	97230	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	68734	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.84%
7) Chloroethane-d5	2.77	69	59066	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	3.86	63	106866	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	6.90	46	56938	46.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.78%
24) Chloroform-d	7.49	84	150057	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.15	65	81710	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.72%
29) Benzene-d6	8.12	84	325822	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.12	67	97231	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.18	98	299479	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.44	79	44910	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.79	63	47418	48.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.60%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	84658	24.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.00%
61) 1,2-Dichlorobenzene-d4	13.72	152	92737	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

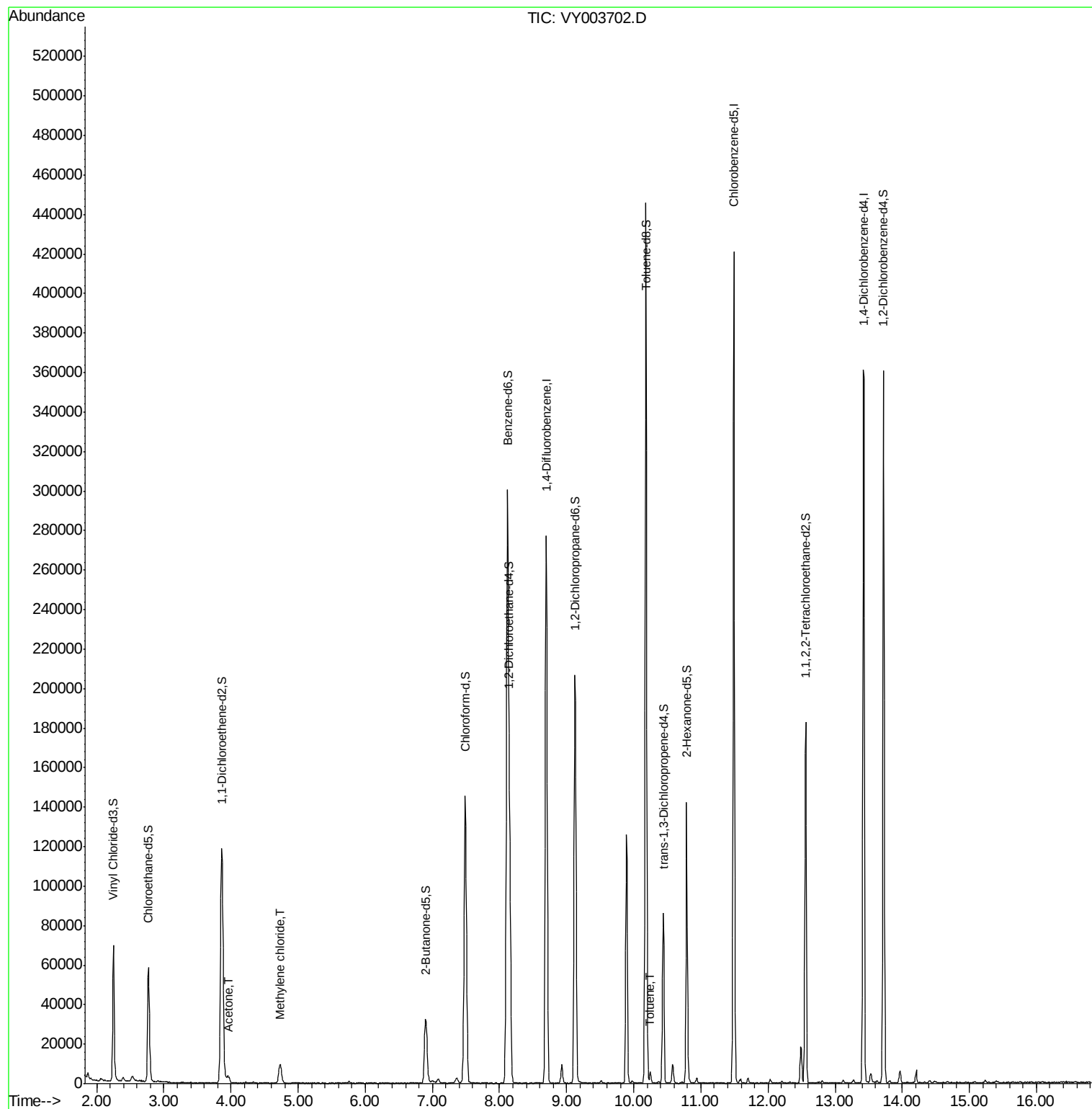
Target Compounds					Ovalue
13) Acetone	3.97	43	4993	5.549 ug/L	90
16) Methylene chloride	4.73	84	7096	1.660 ug/L	95
44) Toluene	10.24	91	4731	0.343 ug/L #	74

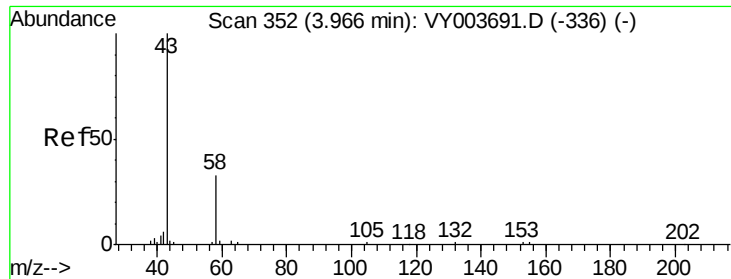
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.549 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.00 min

Lab File: VY003702.D

Acq: 09 Dec 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

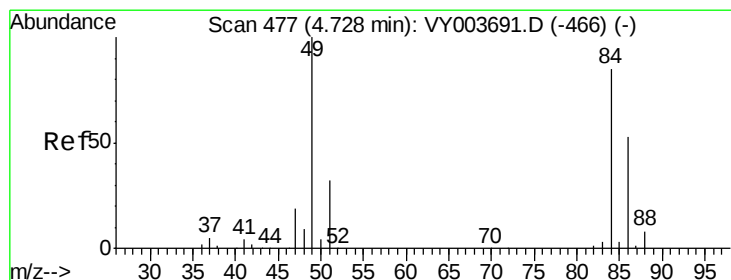
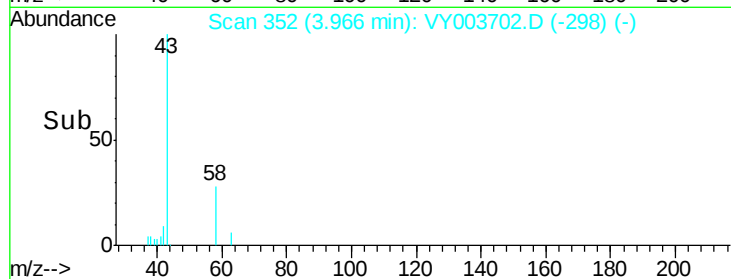
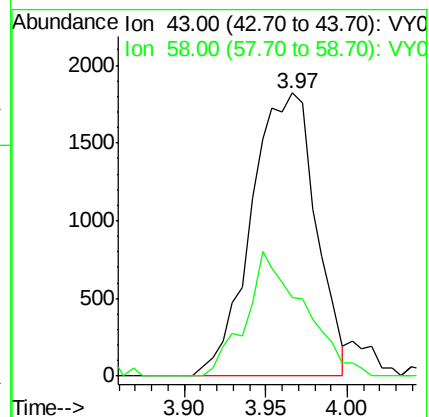
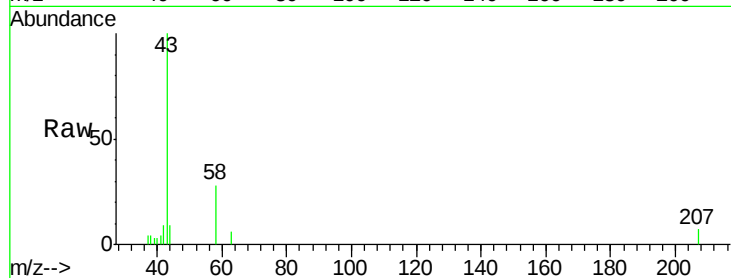
GB1F3

Tot Ion: 43 Resp: 4993

Ion Ratio Lower Upper

43 100

58 40.0 0.0 68.8



#16

Methylene chloride

Concen: 1.660 ug/L

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VY003702.D

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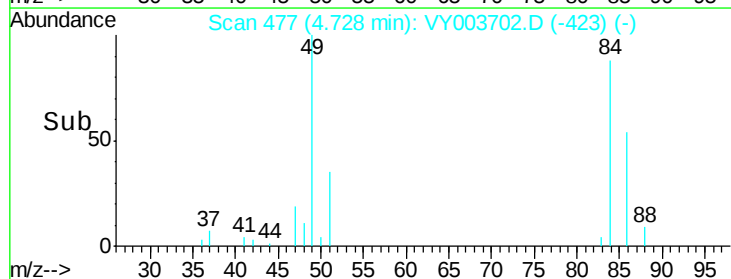
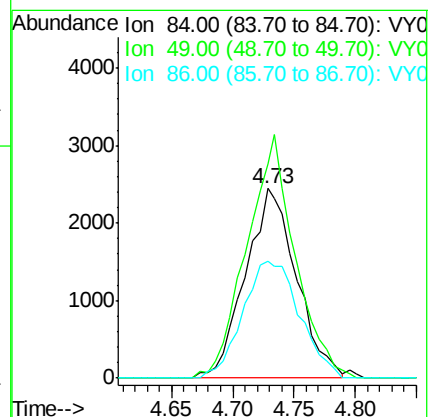
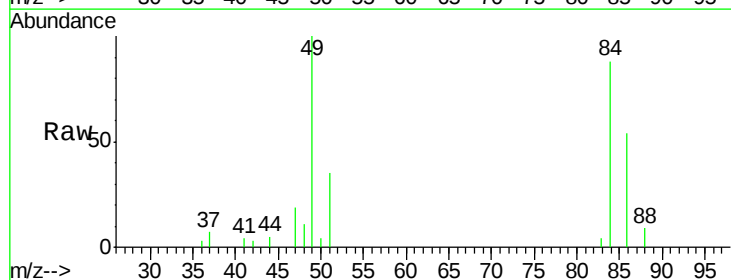
Tgt Ion: 84 Resp: 7096

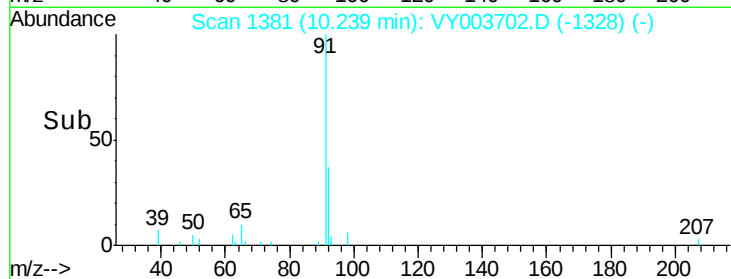
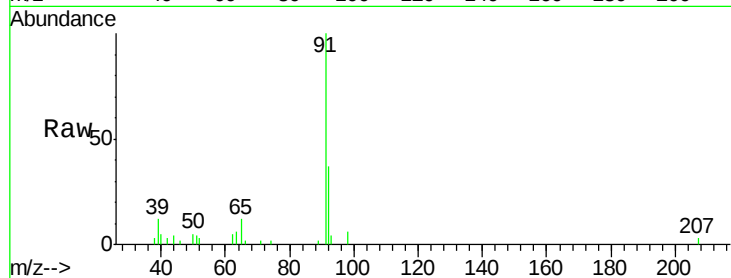
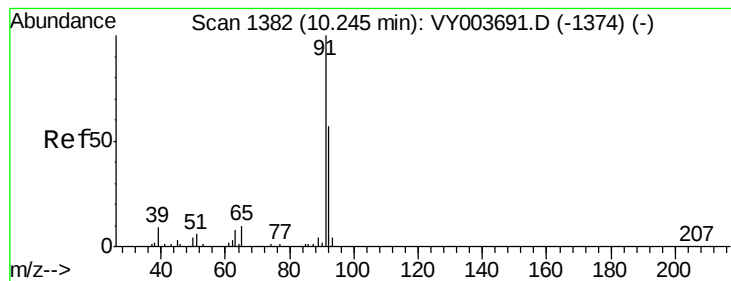
Ion Ratio Lower Upper

84 100

49 113.4 83.7 155.4

86 61.8 45.0 83.6





#44

Toluene

Concen: 0.343 ug/L

RT: 10.24 min Scan# 1381

Delta R.T. -0.01 min

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Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion: 91 Resp: 4731

Ion Ratio Lower Upper

91 100

92 37.5 39.8 73.8#

