

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120820\
 Data File : VY003684.D
 Acq On : 08 Dec 2020 18:38
 Operator : SY/MD
 Sample : L4979-01
 Misc : 1.04G/10ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F3

Quant Time: Dec 09 02:01:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 09 01:58:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	244867	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	226526	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	102086	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	80847	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
7) Chloroethane-d5	2.77	69	62352	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
10) 1,1-Dichloroethene-d2	3.86	63	117621	18.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.20%
20) 2-Butanone-d5	6.90	46	39190	31.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.50%
24) Chloroform-d	7.49	84	147702	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	8.15	65	78132	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.12	84	324731	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.12	67	95981	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.18	98	298744	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.64%
38) trans-1,3-Dichloropropene-	10.44	79	43458	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.79	63	32261	33.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.36%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	72424	20.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.80%
61) 1,2-Dichlorobenzene-d4	13.72	152	94987	25.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.44%

Target Compounds

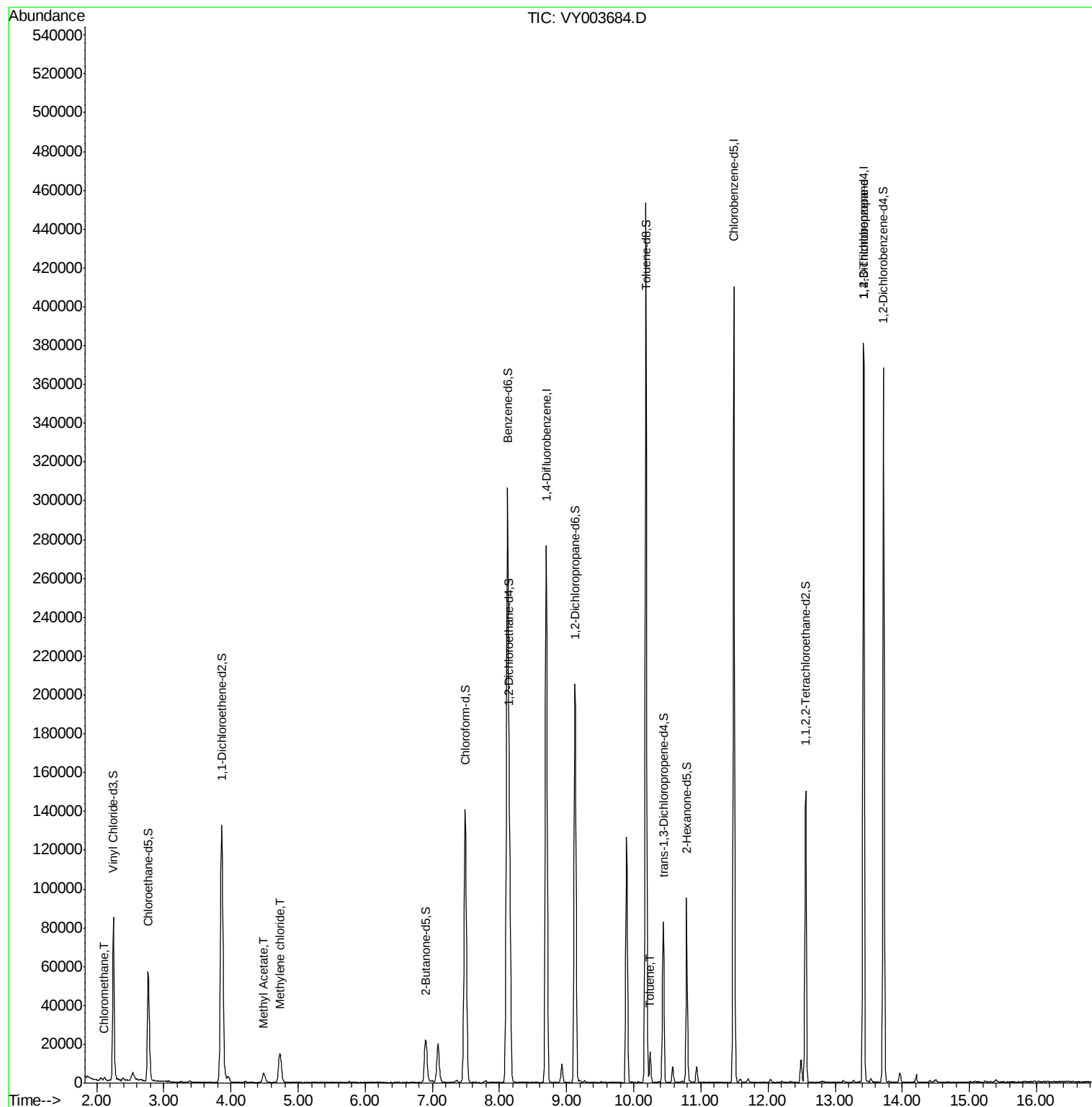
					Ovalue
3) Chloromethane	2.11	50	1537	0.515 ug/L	95
15) Methyl Acetate	4.49	43	9874	4.336 ug/L	97
16) Methylene chloride	4.73	84	11827	2.751 ug/L	93
44) Toluene	10.25	91	10857	0.794 ug/L	92
59) 1,2,3-Trichloropropane	13.42	75	12830	4.777 ug/L	96

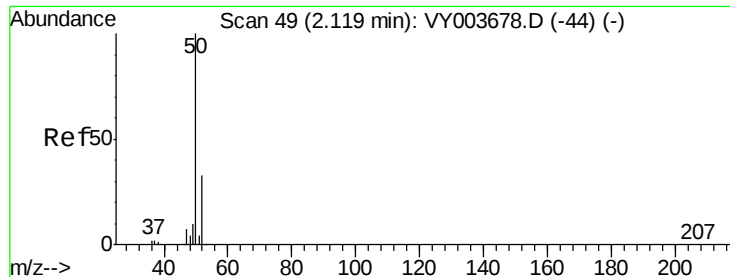
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.515 ug/L

RT: 2.11 min Scan# 48

Delta R.T. -0.01 min

Lab File: VY003684.D

Acq: 08 Dec 2020 18:38

Instrument :

MSVOA_Y

ClientSampleId :

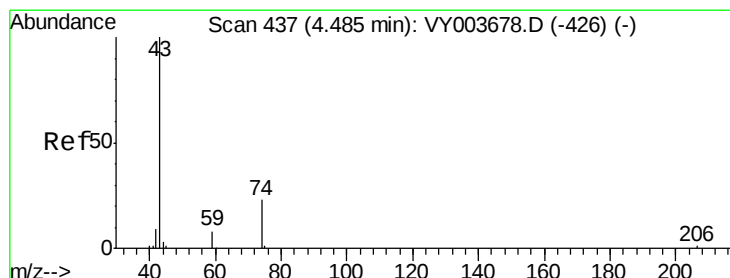
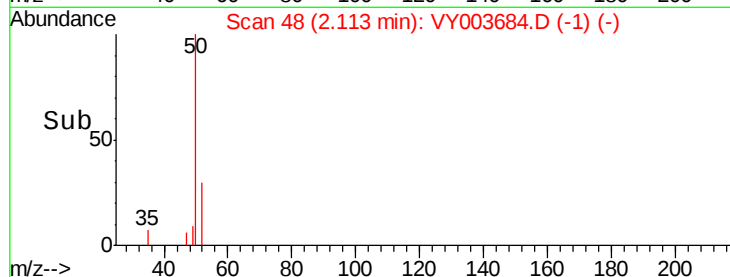
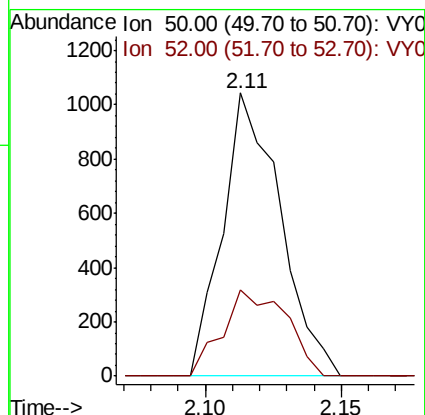
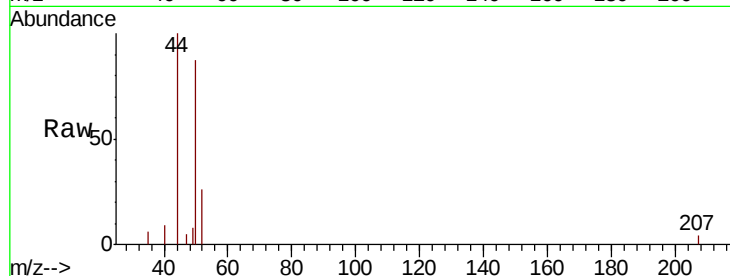
GB1F3

Tot Ion: 50 Resp: 1537

Ion Ratio Lower Upper

50 100

52 30.4 23.1 42.9



#15

Methyl Acetate

Concen: 4.336 ug/L

RT: 4.49 min Scan# 438

Delta R.T. 0.01 min

Lab File: VY003684.D

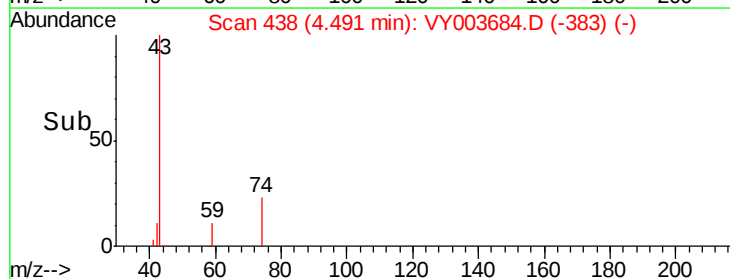
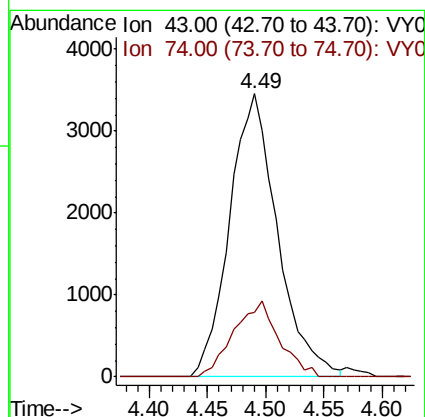
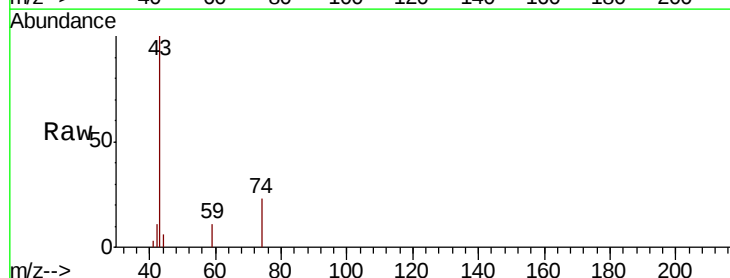
Acq: 08 Dec 2020 18:38

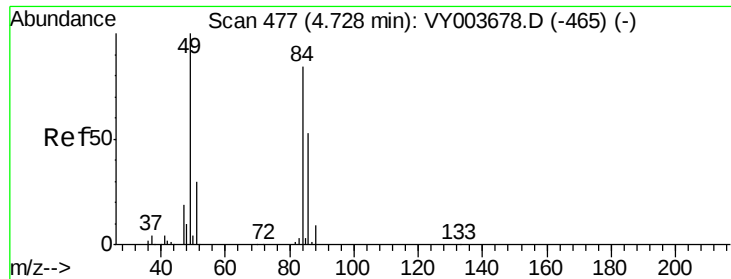
Tgt Ion: 43 Resp: 9874

Ion Ratio Lower Upper

43 100

74 25.4 19.2 28.8

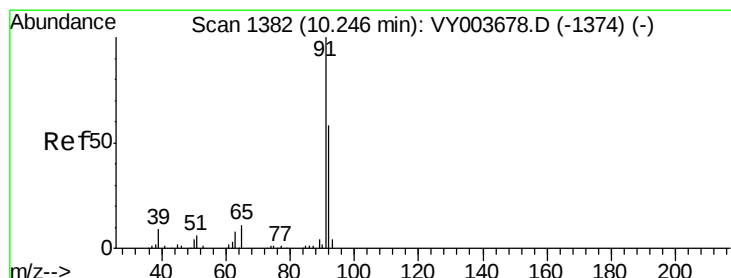
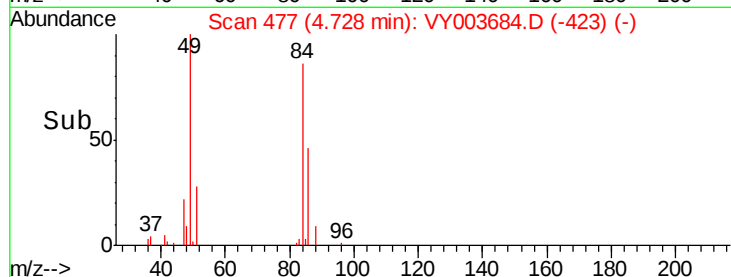
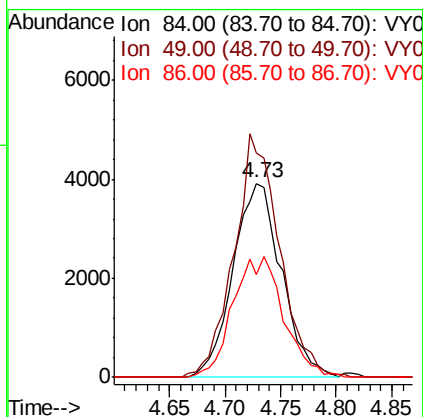
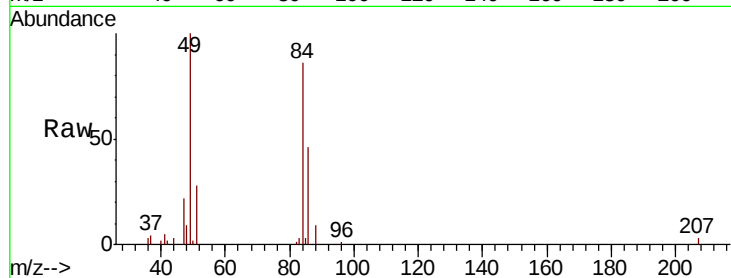




#16
Methylene chloride
Concen: 2.751 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VY003684.D
Acq: 08 Dec 2020 18:38

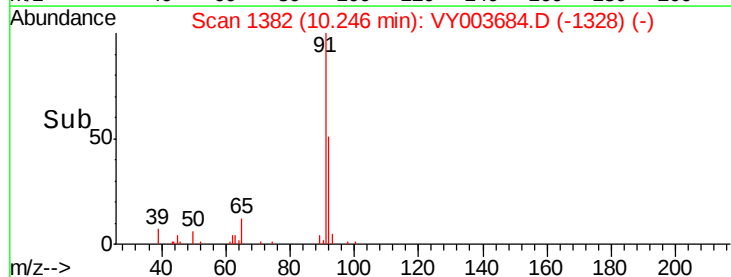
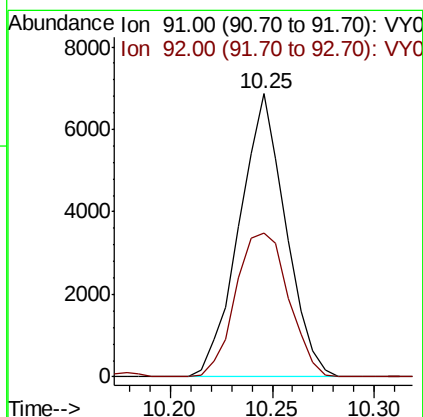
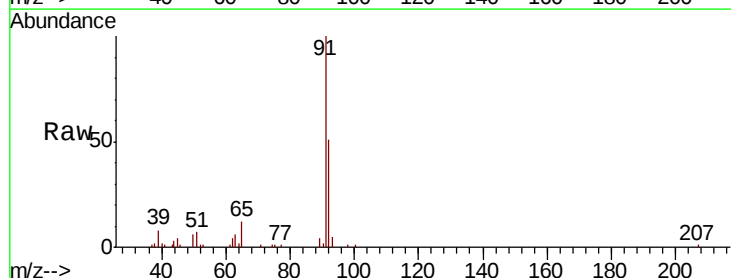
Instrument :
MSVOA_Y
ClientSampleId :
GB1F3

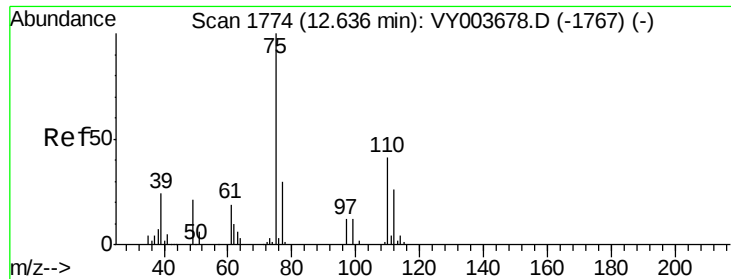
Tot Ion: 84 Resp: 11827
Ion Ratio Lower Upper
84 100
49 115.7 83.7 155.4
86 52.9 45.0 83.6



#44
Toluene
Concen: 0.794 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VY003684.D
Acq: 08 Dec 2020 18:38

Tgt Ion: 91 Resp: 10857
Ion Ratio Lower Upper
91 100
92 50.9 39.8 73.8





#59

1,2,3-Trichloropropane

Concen: 4.777 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003684.D

Acq: 08 Dec 2020 18:38

Instrument :

MSVOA_Y

ClientSampleId :

GB1F3

Tot Ion: 75 Resp: 12830

Ion Ratio Lower Upper

75 100

77 30.3 25.9 38.9

