

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121920\
 Data File : VY003827.D
 Acq On : 19 Dec 2020 12:33
 Operator : SY/MD
 Sample : VIBLK62
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 02:34:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 02:32:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	231770	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	214286	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	105626	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	75483	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
7) Chloroethane-d5	2.77	69	58403	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
10) 1,1-Dichloroethene-d2	3.86	63	100431	15.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.44%
20) 2-Butanone-d5	6.90	46	46951	34.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.12%
24) Chloroform-d	7.49	84	128061	21.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.12%
26) 1,2-Dichloroethane-d4	8.15	65	70797	20.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.20%
29) Benzene-d6	8.12	84	284650	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.12	67	81653	21.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.56%
37) Toluene-d8	10.18	98	262934	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.44	79	38463	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	10.79	63	39331	36.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.86%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	69276	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
61) 1,2-Dichlorobenzene-d4	13.72	152	95393	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds

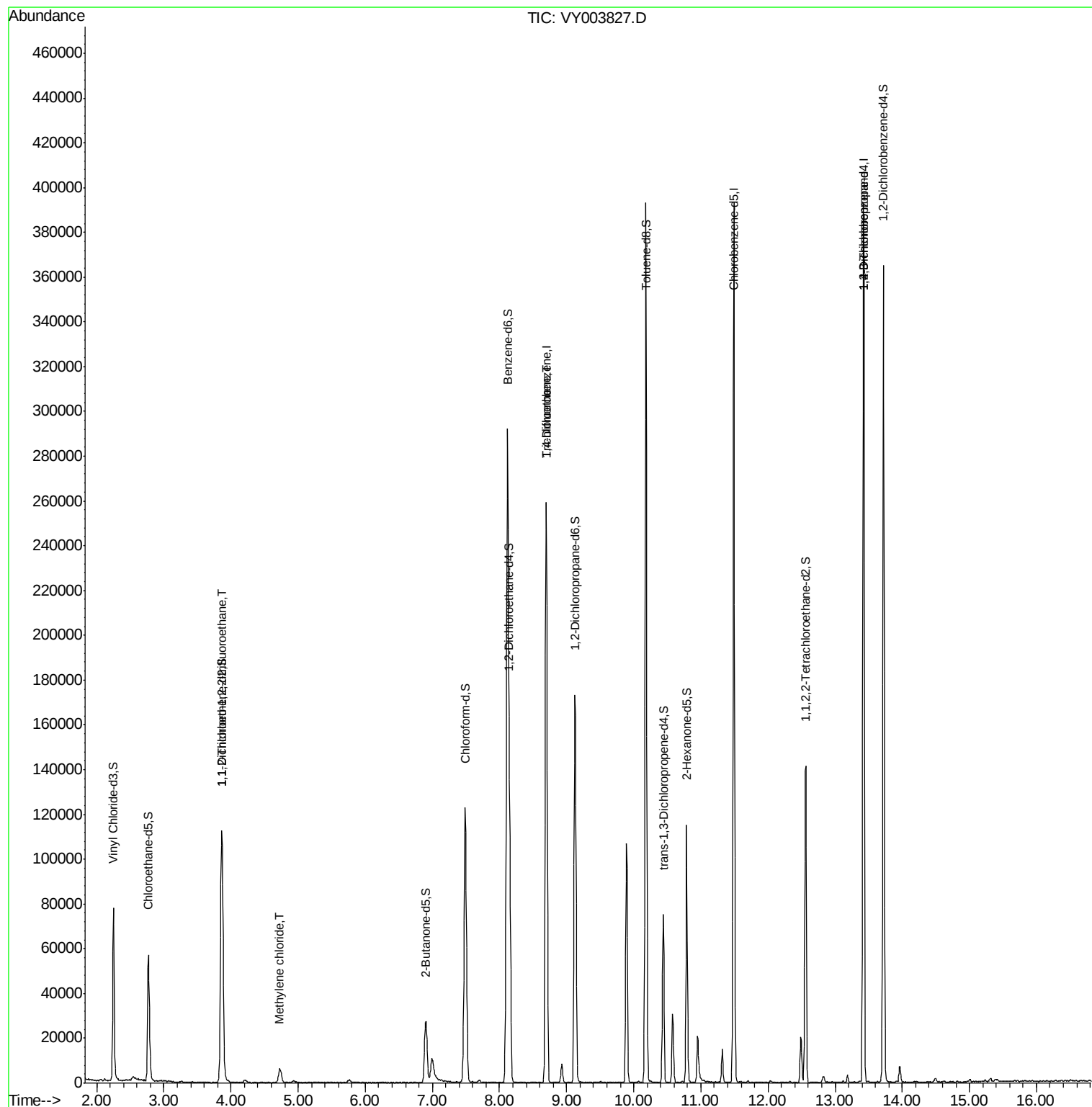
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.87	101	1073	0.318 ug/L #	19
16) Methylene chloride	4.72	84	4761	1.144 ug/L	89
35) Trichloroethene	8.70	95	6567	1.794 ug/L #	4
59) 1,2,3-Trichloropropane	13.42	75	12279	4.353 ug/L	100

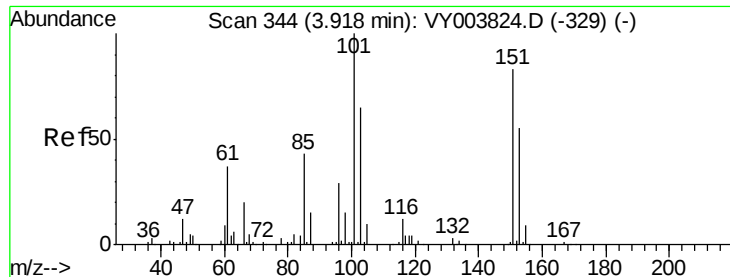
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.318 ug/L

RT: 3.87 min Scan# 336

Delta R.T. -0.05 min

Lab File: VY003827.D

Acq: 19 Dec 2020 12:33

Instrument :

MSVOA_Y

ClientSampled :

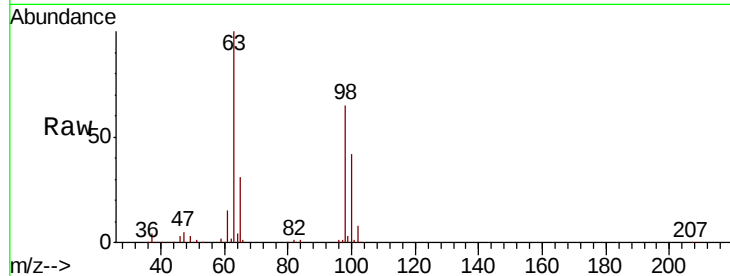
Tot Ion:101 Resp: 1073

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

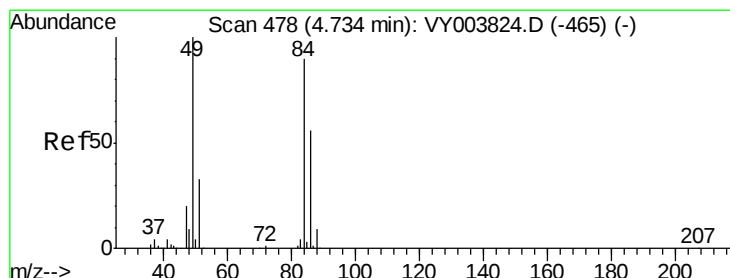
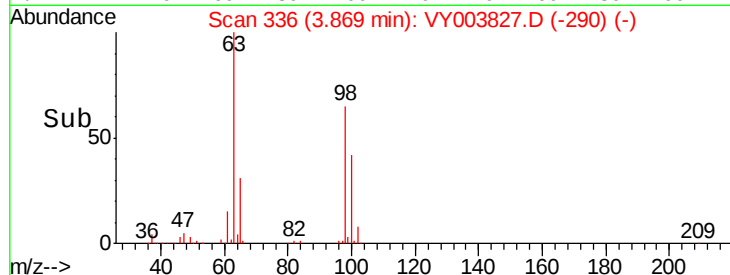
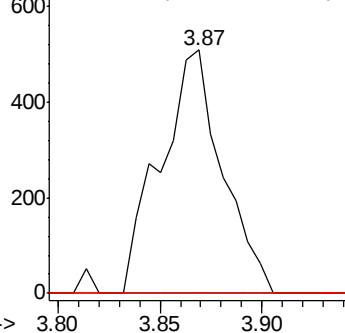
151 0.0 62.1 93.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VY0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 1.144 ug/L

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VY003827.D

Acq: 19 Dec 2020 12:33

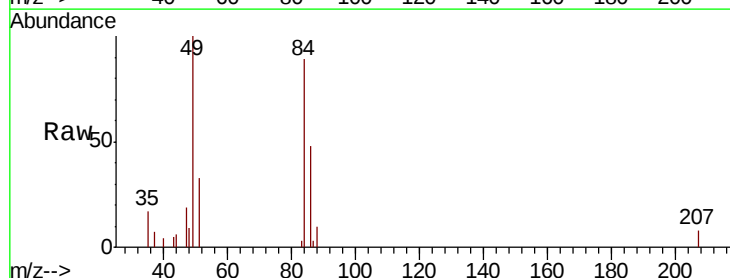
Tgt Ion: 84 Resp: 4761

Ion Ratio Lower Upper

84 100

49 112.7 88.2 163.8

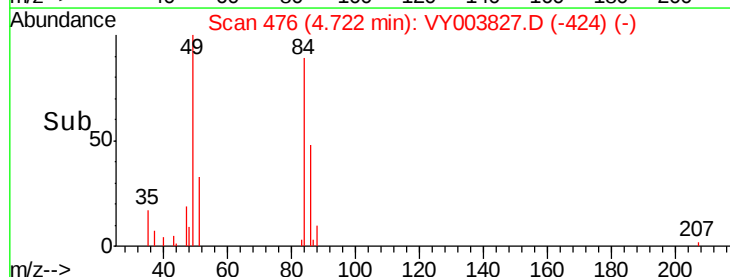
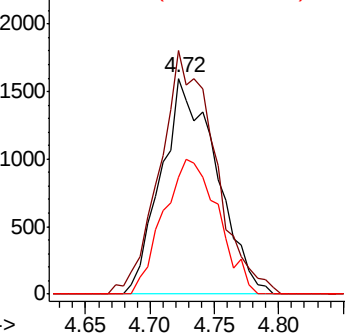
86 54.4 43.0 79.8

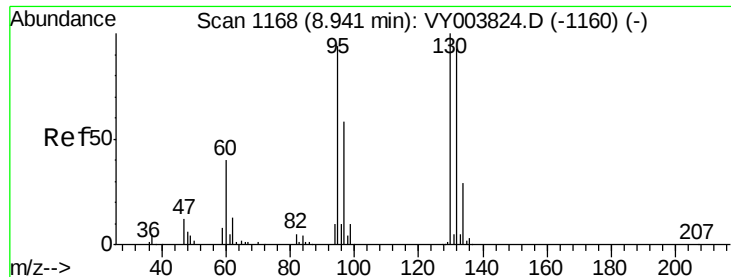


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#35

Trichloroethene

Concen: 1.794 ug/L

RT: 8.70 min Scan# 1128

Delta R.T. -0.24 min

Lab File: VY003827.D

Acq: 19 Dec 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 95 Resp: 6567

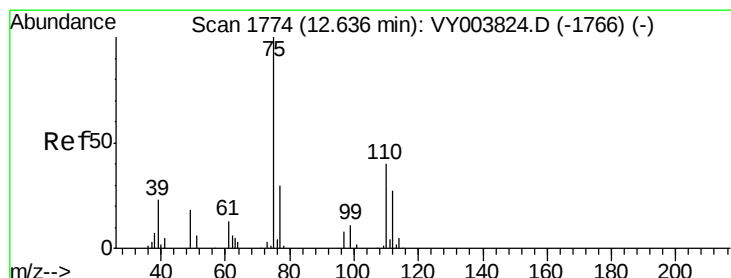
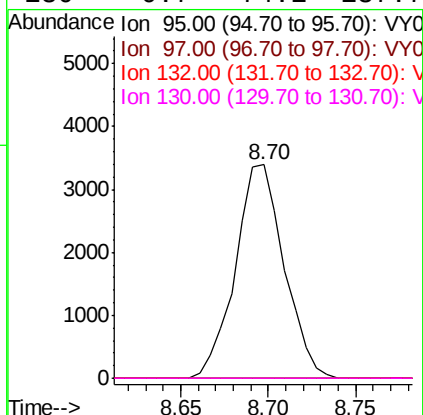
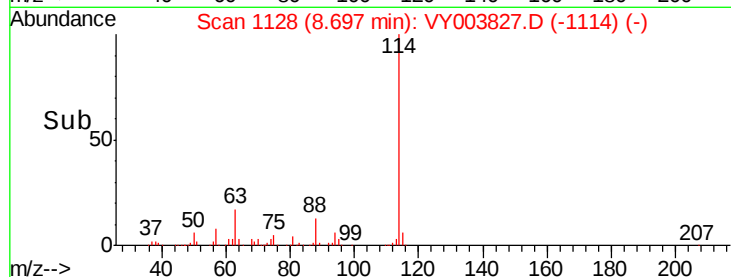
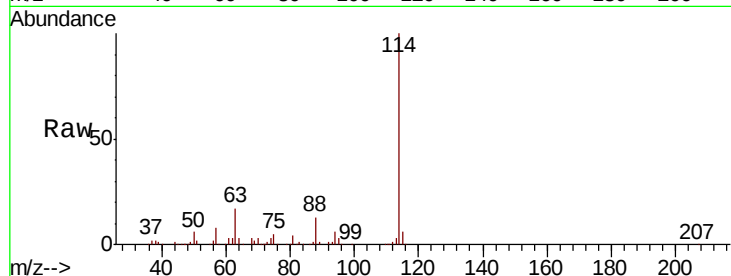
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.4#

132 2.9 70.8 131.4#

130 0.7 74.1 137.7#



#59

1,2,3-Trichloropropane

Concen: 4.353 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003827.D

Acq: 19 Dec 2020 12:33

Tgt Ion: 75 Resp: 12279

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

