

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003713.D
 Acq On : 10 Dec 2020 12:34
 Operator : SY/MD
 Sample : VY1210SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB88

Quant Time: Dec 11 00:49:27 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	214192	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	203034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	97926	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	71727	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.72%
7) Chloroethane-d5	2.77	69	58186	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
10) 1,1-Dichloroethene-d2	3.86	63	106060	18.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.44%
20) 2-Butanone-d5	6.90	46	43187	39.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.98%
24) Chloroform-d	7.49	84	135117	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.15	65	76052	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.08%
29) Benzene-d6	8.12	84	293471	24.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.88%
33) 1,2-Dichloropropane-d6	9.12	67	85893	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	10.18	98	272144	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.32%
38) trans-1,3-Dichloropropene-	10.44	79	41290	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.36%
39) 2-Hexanone-d5	10.79	63	36130	41.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.92%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	76430	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
61) 1,2-Dichlorobenzene-d4	13.72	152	100892	28.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.44%

Target Compounds

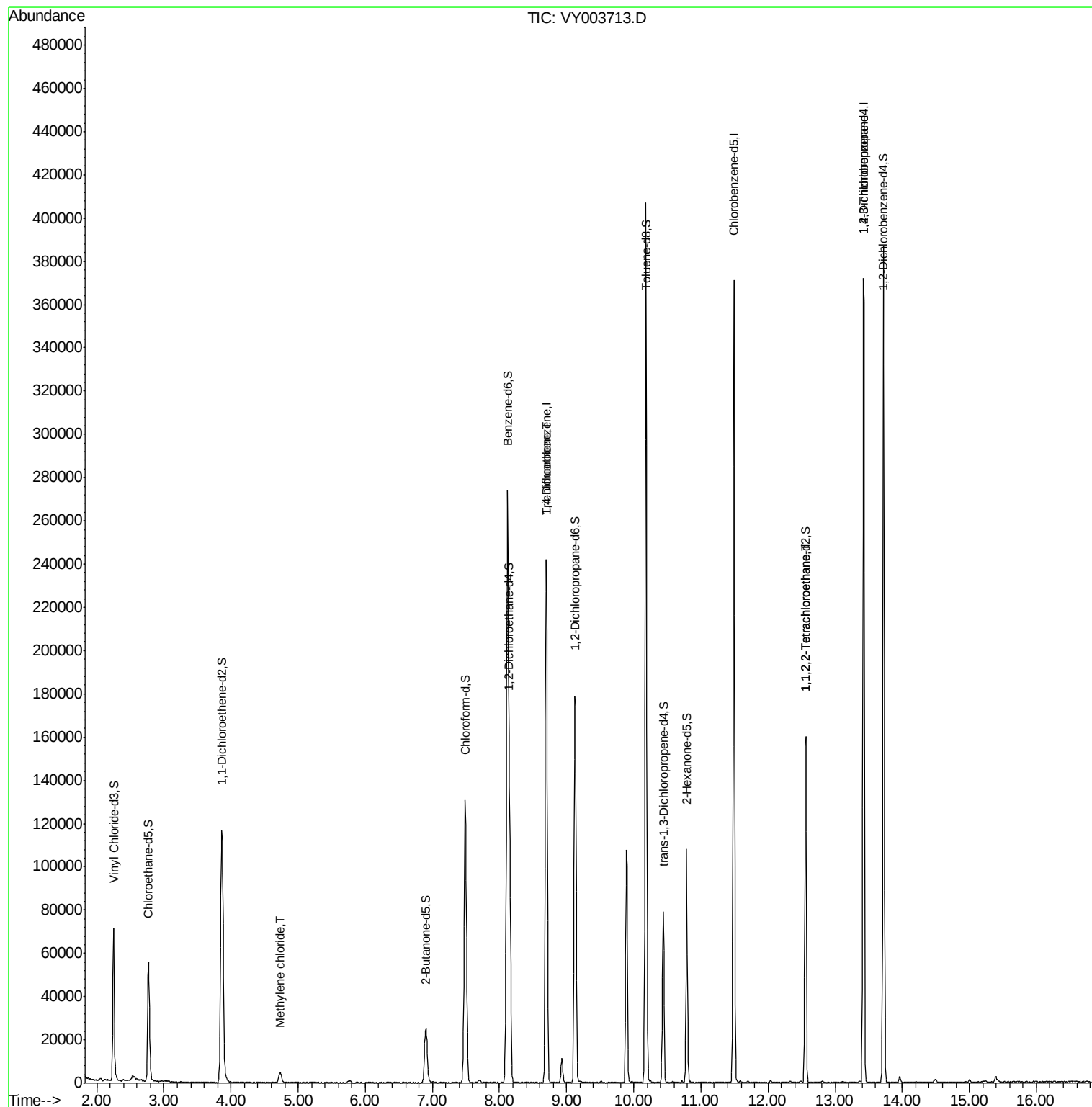
					Ovalue
16) Methylene chloride	4.73	84	3720	0.989 ug/L	91
35) Trichloroethene	8.70	95	5925	1.858 ug/L #	2
58) 1,1,2,2-Tetrachloroethane	12.57	83	584	0.217 ug/L #	1
59) 1,2,3-Trichloropropane	13.42	75	12218	5.075 ug/L	97

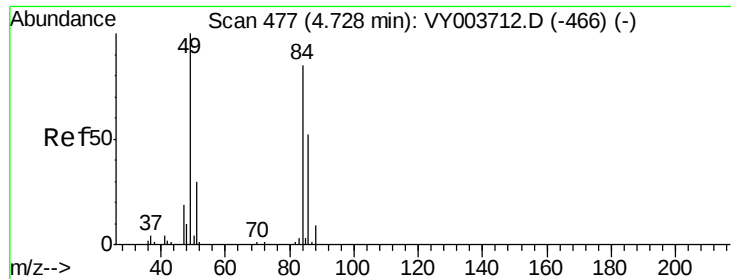
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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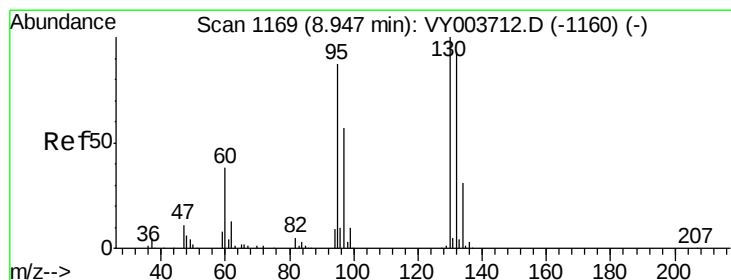
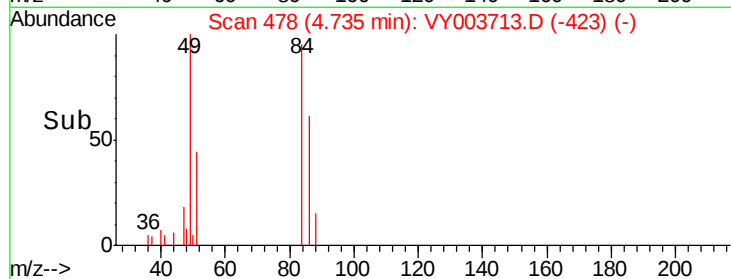
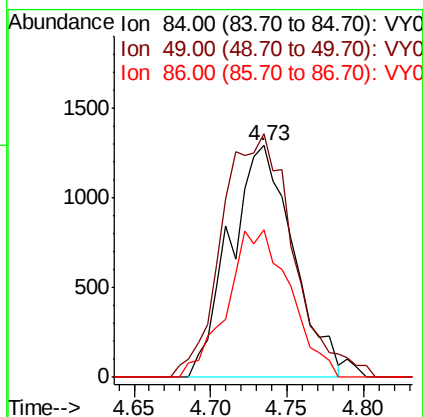
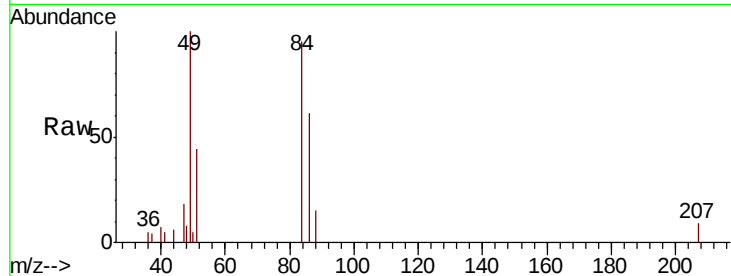




#16
Methylene chloride
Concen: 0.989 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003713.D
Acq: 10 Dec 2020 12:34

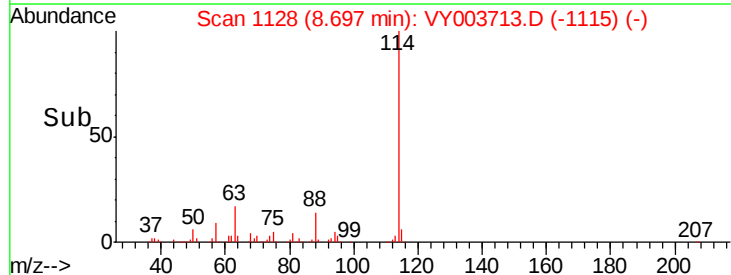
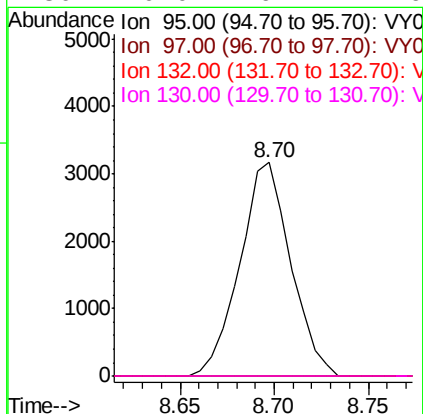
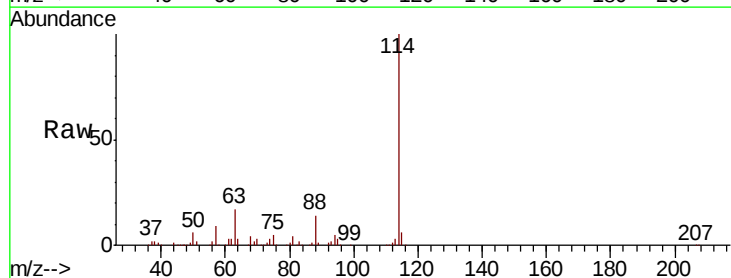
Instrument :
MSVOA_Y
ClientSampleId :
BFB88

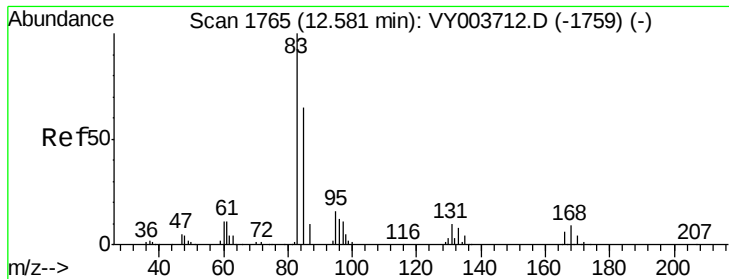
Tot Ion: 84 Resp: 3720
Ion Ratio Lower Upper
84 100
49 105.0 83.7 155.4
86 63.8 45.0 83.6



#35
Trichloroethene
Concen: 1.858 ug/L
RT: 8.70 min Scan# 1128
Delta R.T. -0.25 min
Lab File: VY003713.D
Acq: 10 Dec 2020 12:34

Tgt Ion: 95 Resp: 5925
Ion Ratio Lower Upper
95 100
97 1.4 45.8 85.0#
132 0.7 74.2 137.8#
130 0.0 76.2 141.6#

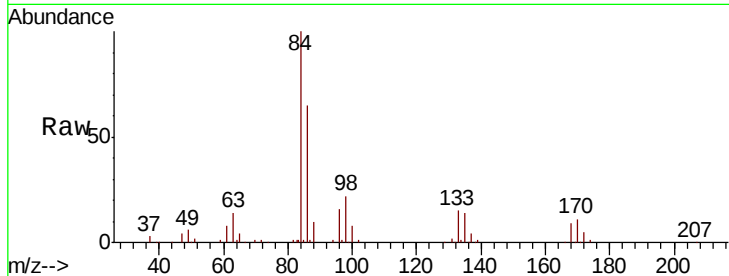




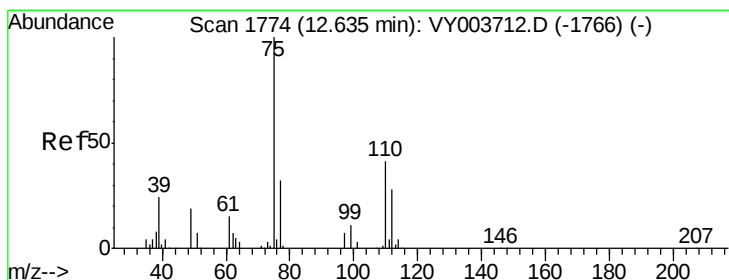
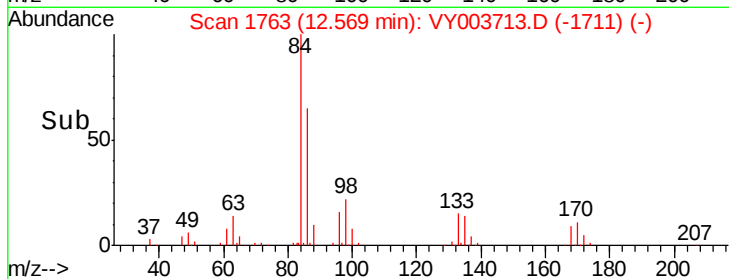
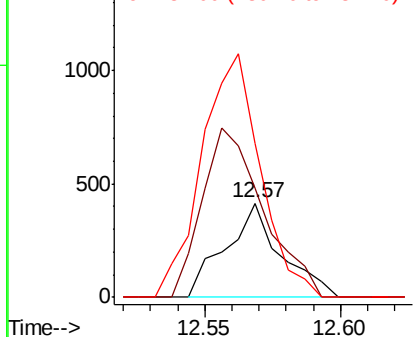
#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.217 ug/L
 RT: 12.57 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY003713.D
 Acq: 10 Dec 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampled :
 BFB88

Tot Ion: 83 Resp: 584
 Ion Ratio Lower Upper
 83 100
 85 115.4 47.2 87.6#
 131 163.7 8.4 12.6#

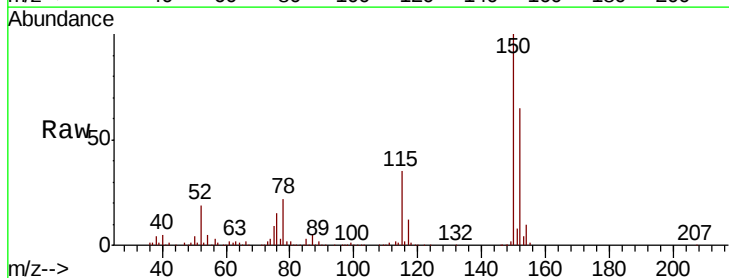


Abundance Ion 83.00 (82.70 to 83.70): VY0
 Ion 85.00 (84.70 to 85.70): VY0
 Ion 131.00 (130.70 to 131.70): V



#59
 1,2,3-Trichloropropane
 Concen: 5.075 ug/L
 RT: 13.42 min Scan# 1903
 Delta R.T. 0.79 min
 Lab File: VY003713.D
 Acq: 10 Dec 2020 12:34

Tgt Ion: 75 Resp: 12218
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VY0
 Ion 77.00 (76.70 to 77.70): VY0

