

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003763.D
 Acq On : 14 Dec 2020 21:28
 Operator : SY/MD
 Sample : L4980-10
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VHBLK01

Quant Time: Dec 15 03:43:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	337993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	314205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	160464	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	116870	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
7) Chloroethane-d5	2.77	69	90276	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.00%
10) 1,1-Dichloroethene-d2	3.86	63	174615	18.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.08%
20) 2-Butanone-d5	6.90	46	106172	52.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.64%
24) Chloroform-d	7.49	84	213939	24.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	8.15	65	131867	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.28%
29) Benzene-d6	8.12	84	447179	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	9.12	67	139476	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.52%
37) Toluene-d8	10.18	98	410844	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.84%
38) trans-1,3-Dichloropropene-	10.44	79	70029	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.48%
39) 2-Hexanone-d5	10.79	63	82037	52.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.06%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	125191	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	13.72	152	154580	26.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.28%

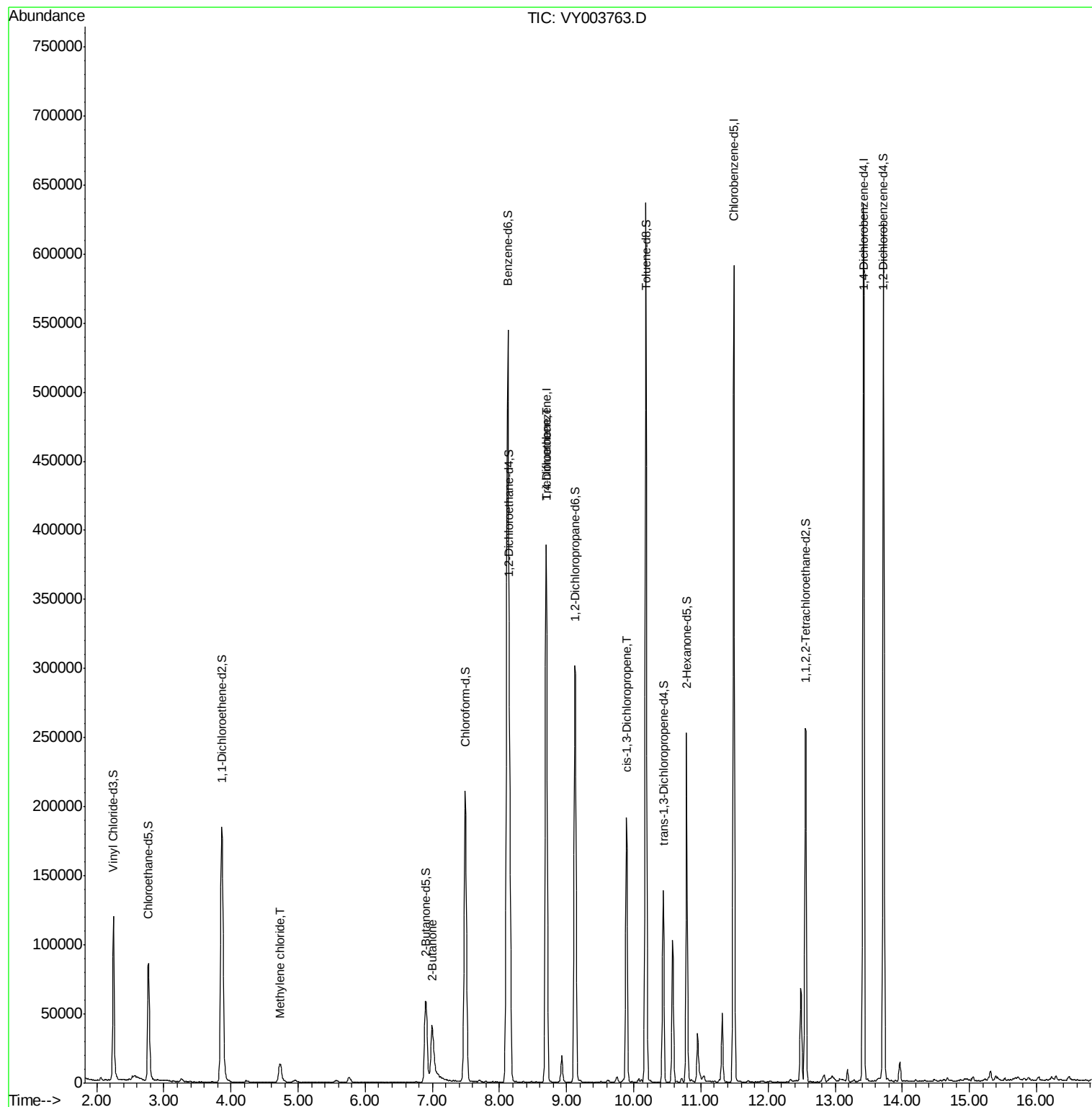
Target Compounds					Ovalue
16) Methylene chloride	4.73	84	9441	1.556 ug/L	96
21) 2-Butanone	7.00	43	2046	0.849 ug/L	76
35) Trichloroethene	8.70	95	9619	1.793 ug/L #	3
42) cis-1,3-Dichloropropene	9.89	75	5597	0.680 ug/L #	64

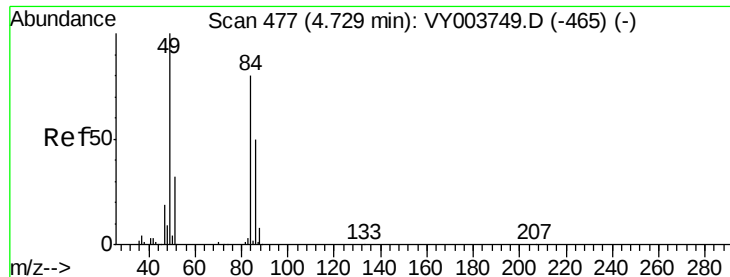
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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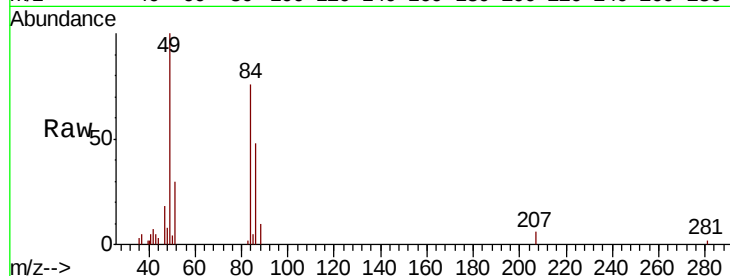




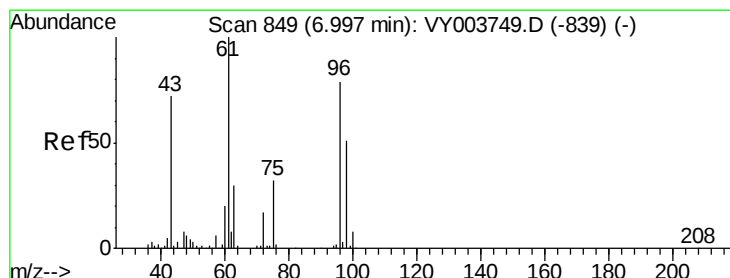
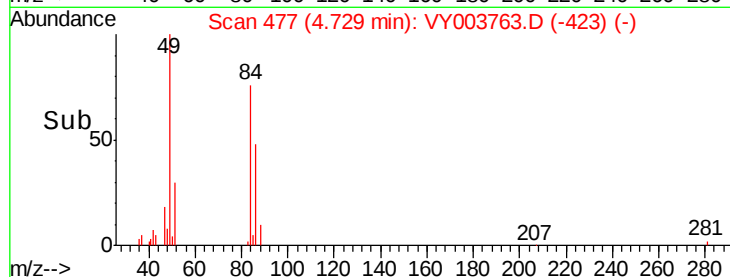
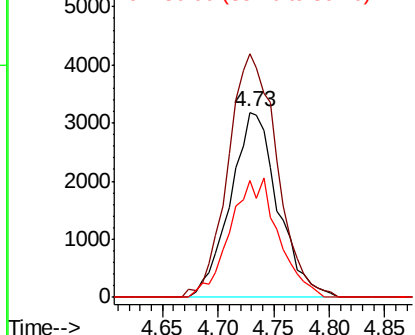
#16
Methvlene chloride
Concen: 1.556 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VY003763.D
Acq: 14 Dec 2020 21:28

Instrument :
MSVOA_Y
ClientSampled :
VHBLK01

Tot Ion: 84 Resp: 9441
Ion Ratio Lower Upper
84 100
49 131.6 88.2 163.8
86 63.2 43.0 79.8

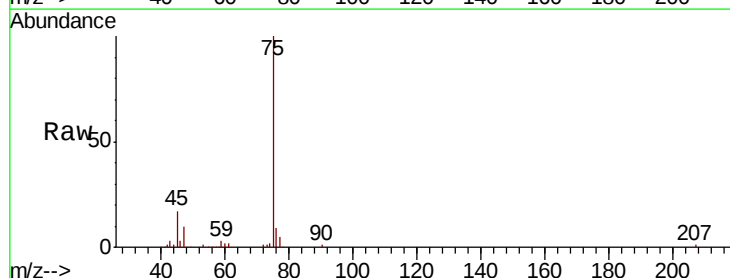


Abundance Ion 84.00 (83.70 to 84.70): VY0
Ion 49.00 (48.70 to 49.70): VY0
Ion 86.00 (85.70 to 86.70): VY0

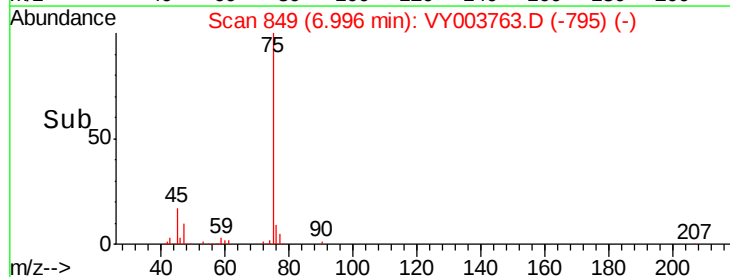
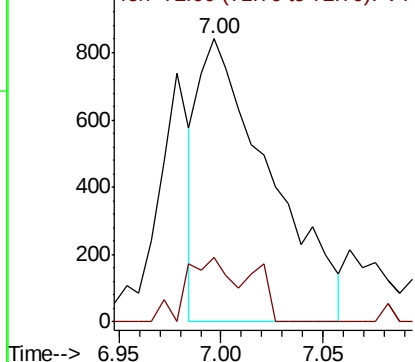


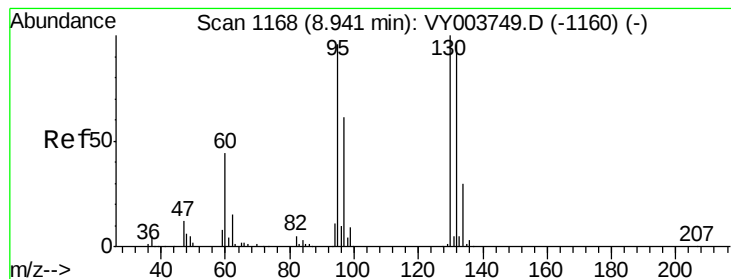
#21
2-Butanone
Concen: 0.849 ug/L
RT: 7.00 min Scan# 849
Delta R.T. -0.00 min
Lab File: VY003763.D
Acq: 14 Dec 2020 21:28

Tgt Ion: 43 Resp: 2046
Ion Ratio Lower Upper
43 100
72 13.5 13.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#35

Trichloroethene

Concen: 1.793 ug/L

RT: 8.70 min Scan# 1128

Delta R.T. -0.24 min

Lab File: VY003763.D

Acq: 14 Dec 2020 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VHBLK01

Tot Ion: 95 Resp: 9619

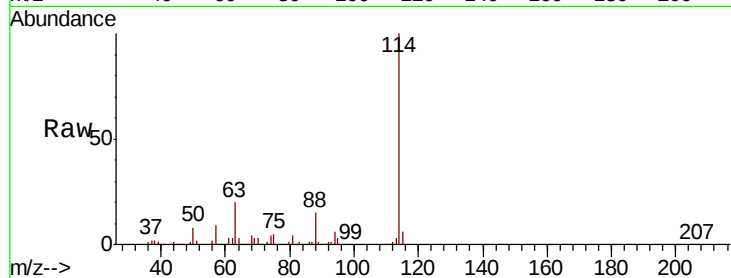
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.4#

132 0.5 70.8 131.4#

130 0.0 74.1 137.7#

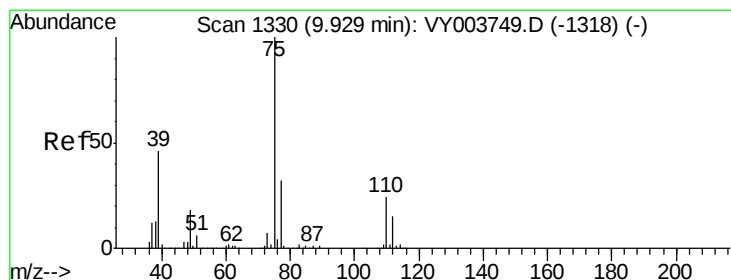
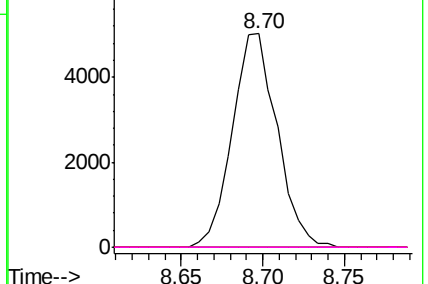
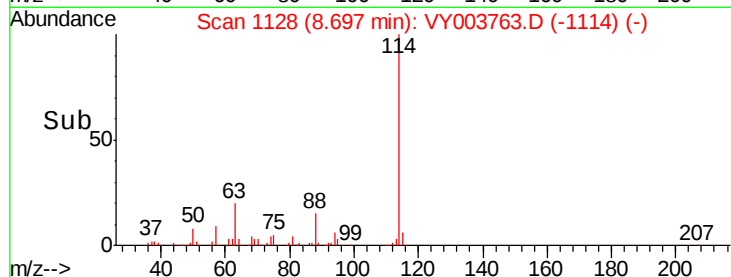


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0



#42

cis-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 9.89 min Scan# 1324

Delta R.T. -0.04 min

Lab File: VY003763.D

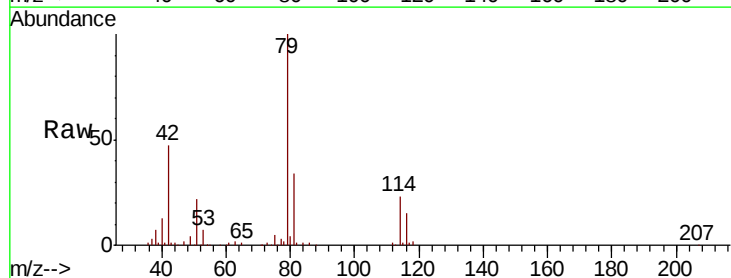
Acq: 14 Dec 2020 21:28

Tgt Ion: 75 Resp: 5597

Ion Ratio Lower Upper

75 100

77 50.0 21.3 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

