

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003758.D
 Acq On : 14 Dec 2020 19:11
 Operator : SY/MD
 Sample : VIBLK65
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK65

Quant Time: Dec 15 03:42:31 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	352534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	335394	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	175350	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	117818	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
7) Chloroethane-d5	2.77	69	90811	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.28%
10) 1,1-Dichloroethene-d2	3.86	63	179737	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	6.90	46	109413	52.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.38%
24) Chloroform-d	7.49	84	214973	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.15	65	131398	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.52%
29) Benzene-d6	8.12	84	449522	23.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.64%
33) 1,2-Dichloropropane-d6	9.12	67	139392	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.18	98	412882	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.44	79	72789	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.80%
39) 2-Hexanone-d5	10.79	63	85213	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	126821	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.00%
61) 1,2-Dichlorobenzene-d4	13.72	152	153698	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

Target Compounds

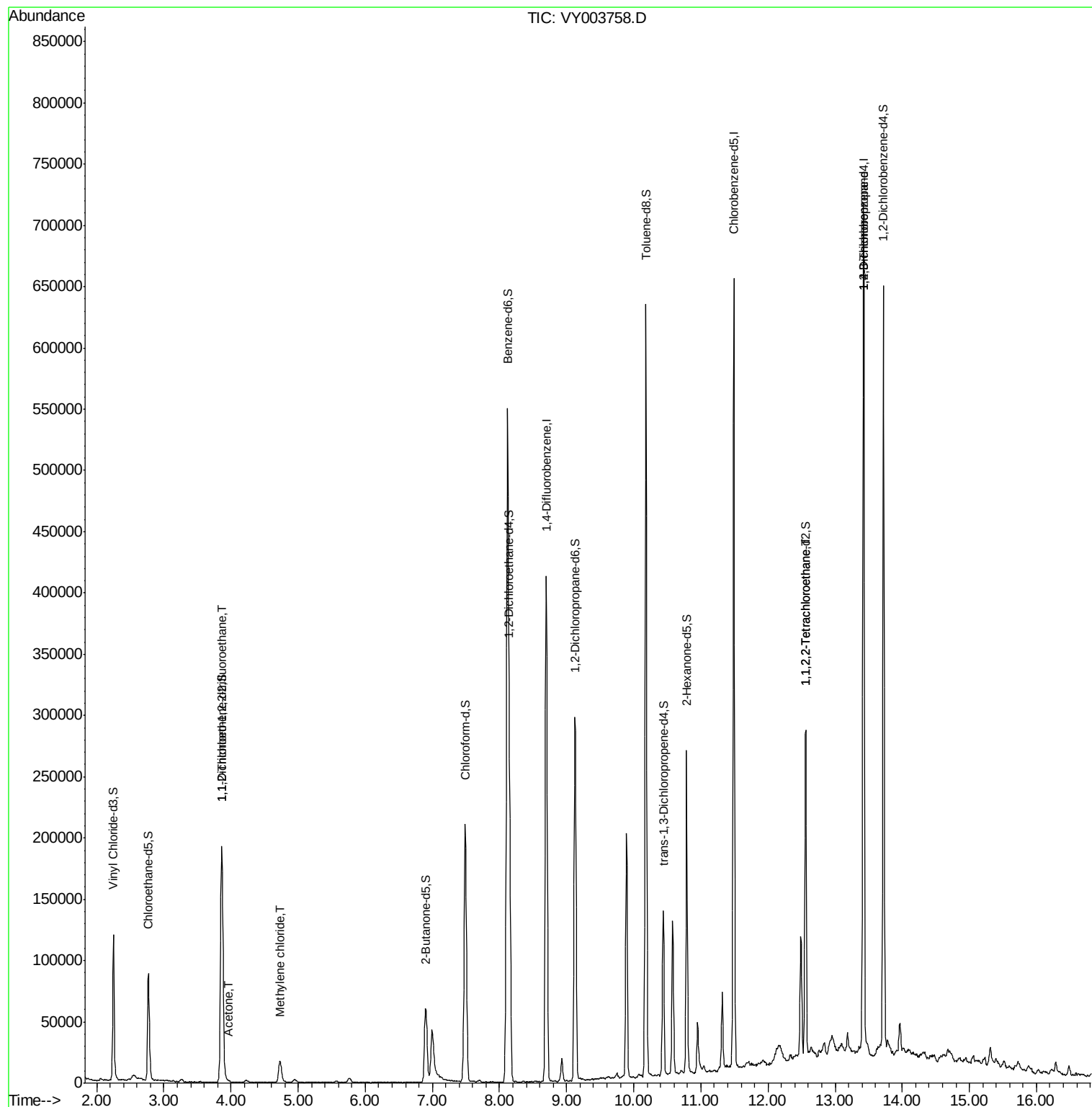
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	1703	0.332 ug/L #	19
13) Acetone	3.97	43	2040	1.411 ug/L	50
16) Methylene chloride	4.73	84	11874	1.876 ug/L	91
58) 1,1,2,2-Tetrachloroethane	12.57	83	940	0.180 ug/L #	26
59) 1,2,3-Trichloropropane	13.42	75	20989	4.754 ug/L	92

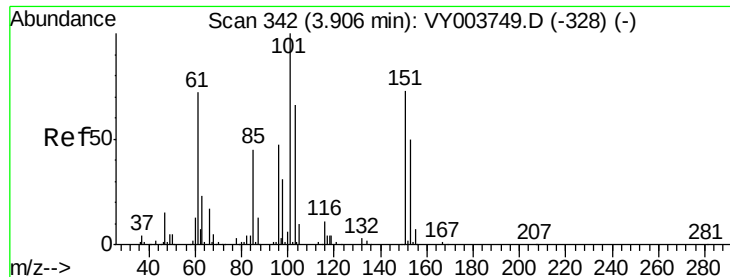
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

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

Concen: 0.332 ug/L

RT: 3.86 min Scan# 334

Delta R.T. -0.05 min

Lab File: VY003758.D

Acq: 14 Dec 2020 19:11

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MSVOA_Y

ClientSampleId :

VIBLK65

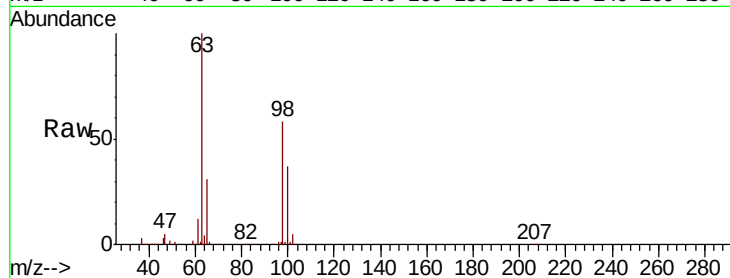
Tot Ion:101 Resp: 1703

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

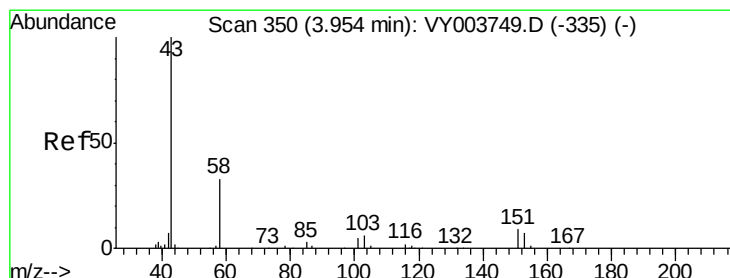
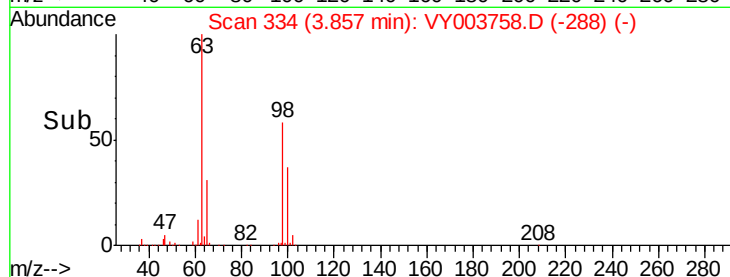
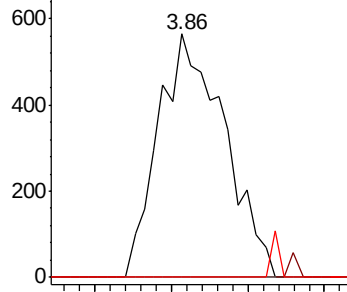
151 0.0 62.1 93.1#



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



#13

Acetone

Concen: 1.411 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003758.D

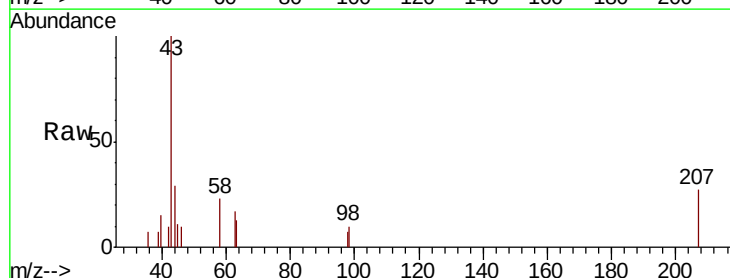
Acq: 14 Dec 2020 19:11

Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

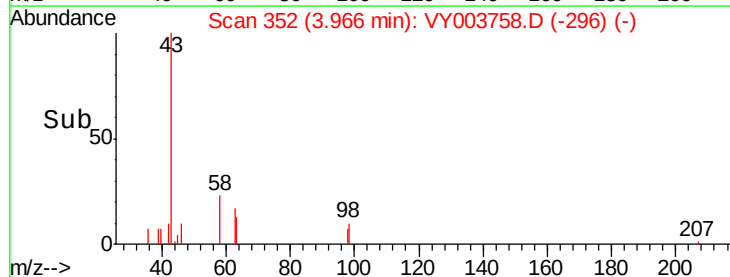
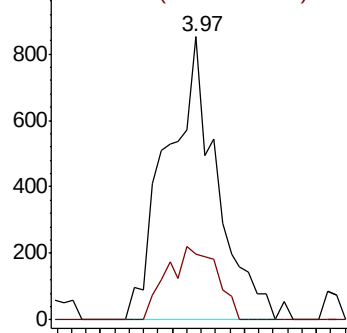
43 100

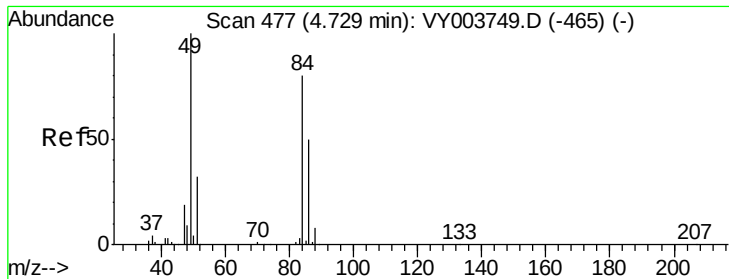
58 4.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

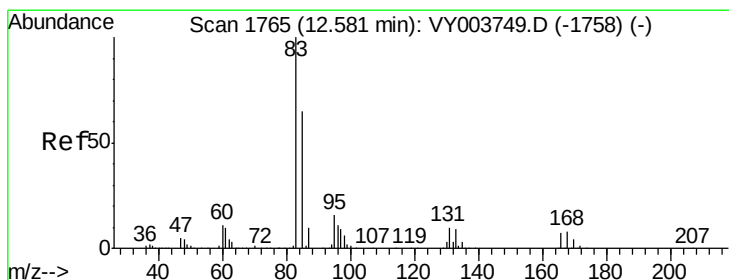
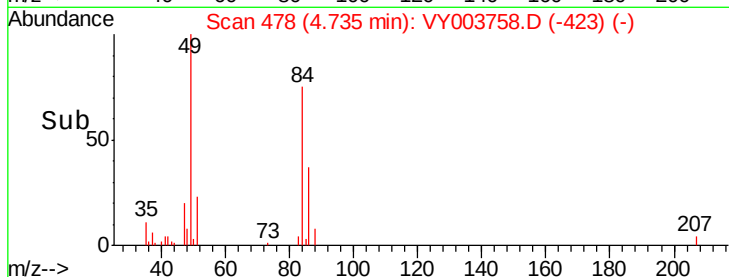
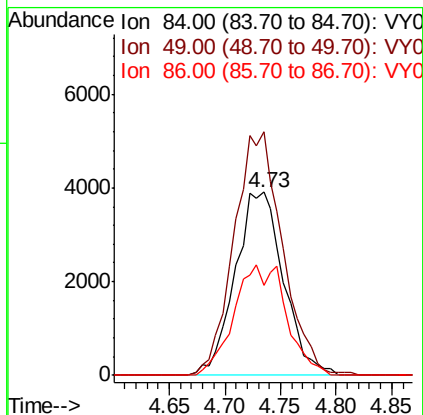
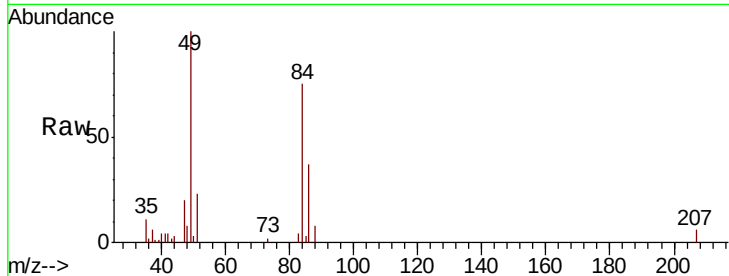




#16
Methylene chloride
Concen: 1.876 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003758.D
Acq: 14 Dec 2020 19:11

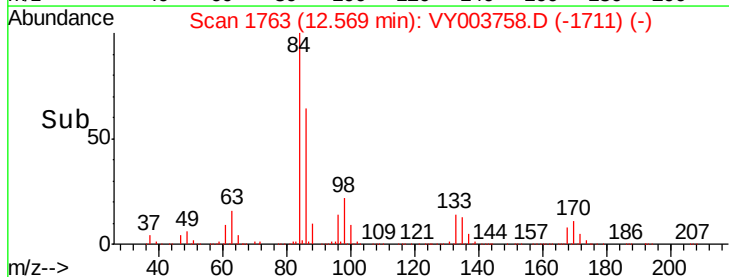
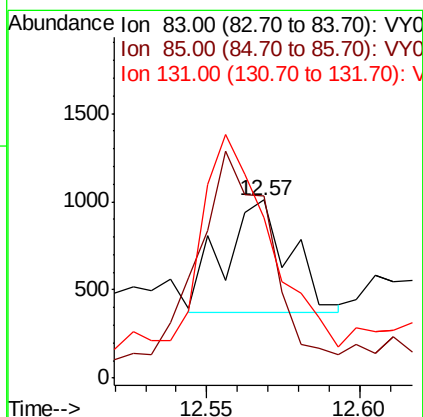
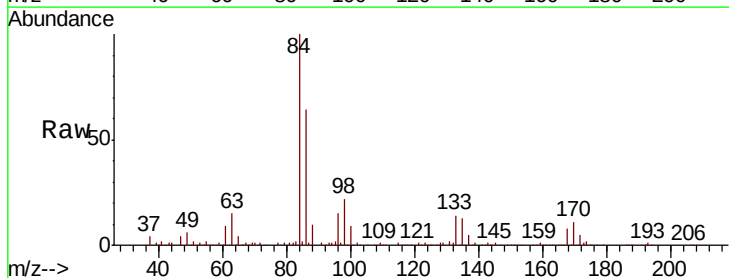
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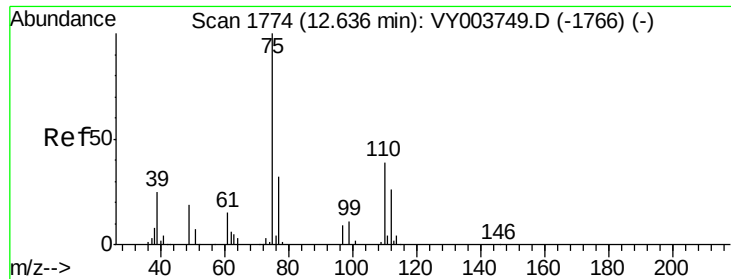
Tot Ion: 84 Resp: 11874
Ion Ratio Lower Upper
84 100
49 132.9 88.2 163.8
86 48.9 43.0 79.8



#58
1,1,2,2-Tetrachloroethane
Concen: 0.180 ug/L
RT: 12.57 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY003758.D
Acq: 14 Dec 2020 19:11

Tgt Ion: 83 Resp: 940
Ion Ratio Lower Upper
83 100
85 102.5 43.9 81.5#
131 89.8 7.8 11.8#





#59

1,2,3-Trichloropropane

Concen: 4.754 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003758.D

Acq: 14 Dec 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK65

Tot Ion: 75 Resp: 20989

Ion Ratio Lower Upper

75 100

77 36.1 25.5 38.3

