

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081320\
 Data File : VW016176.D
 Acq On : 13 Aug 2020 12:23
 Operator : SY/VA
 Sample : L3628-09
 Misc : 7.29G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAYB3

Quant Time: Aug 14 06:35:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 06:19:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	457871	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165542	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103448	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.88%
7) Chloroethane-d5	2.90	69	78664	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
10) 1,1-Dichloroethene-d2	4.01	63	170485	14.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.56%
20) 2-Butanone-d5	7.10	46	31812	21.30	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.60%
24) Chloroform-d	7.68	84	14141	1.15	ug/L	0.04
Spiked Amount	25.000	Range	40 - 150	Recovery	=	4.60%#
26) 1,2-Dichloroethane-d4	8.31	65	121459	18.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.44%
29) Benzene-d6	8.27	84	464025	20.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.24%
33) 1,2-Dichloropropane-d6	9.28	67	140174	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.48%
37) Toluene-d8	10.33	98	415914	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.40%
38) trans-1,3-Dichloropropene-	10.58	79	55344	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.32%
39) 2-Hexanone-d5	10.93	63	20272	17.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147	0.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	130871	22.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.20%

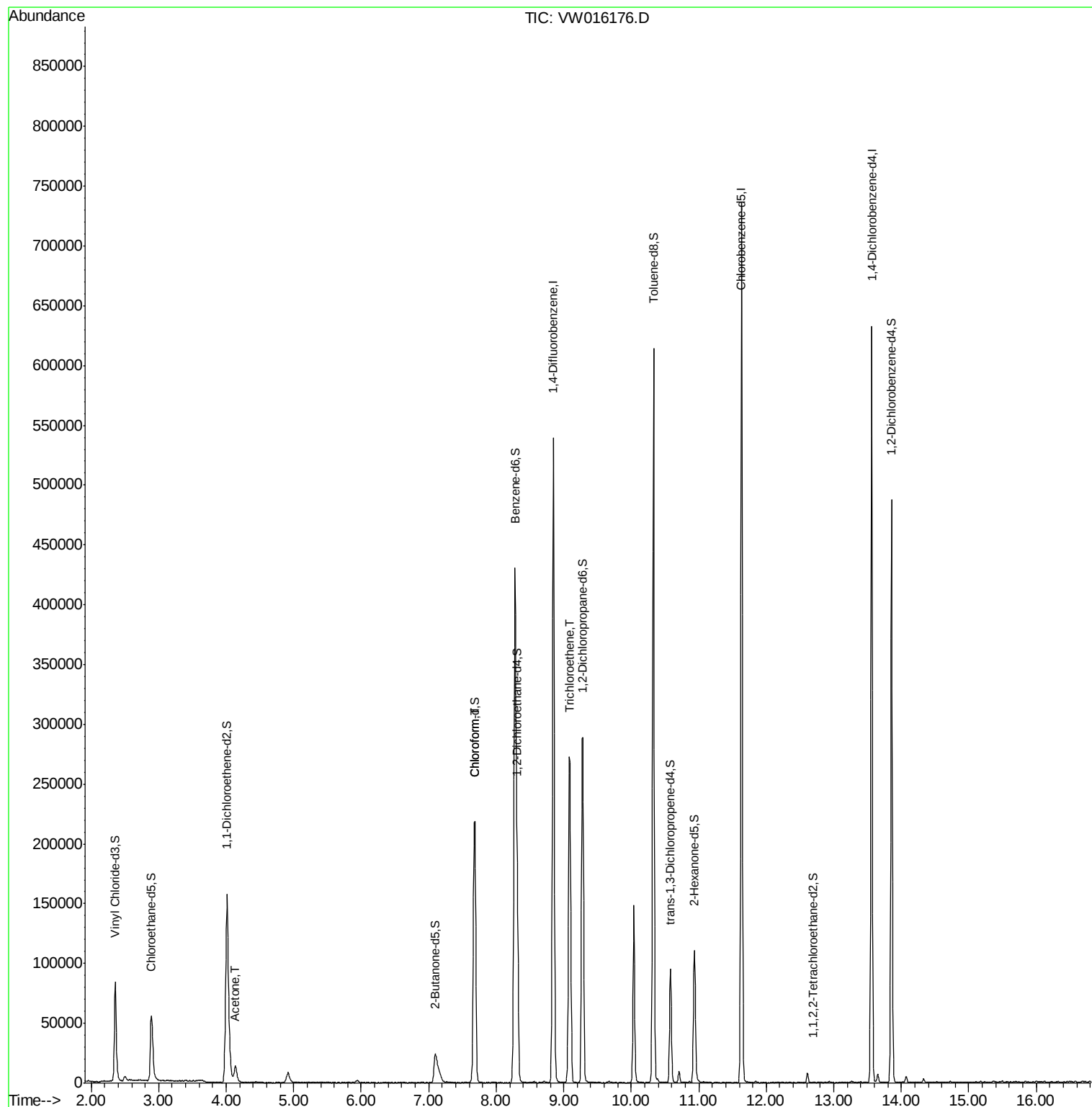
Target Compounds					Ovalue
13) Acetone	4.14	43	23978	21.219 ug/L	92
25) Chloroform	7.68	83	220117	18.917 ug/L	99
35) Trichloroethene	9.09	95	51306	7.880 ug/L	97

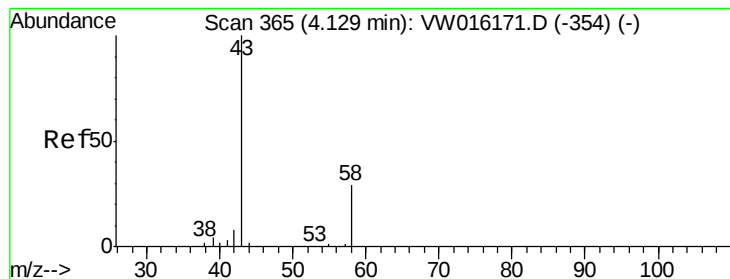
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.219 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016176.D

Acq: 13 Aug 2020 12:23

Instrument :

MSVOA_W

ClientSampleId :

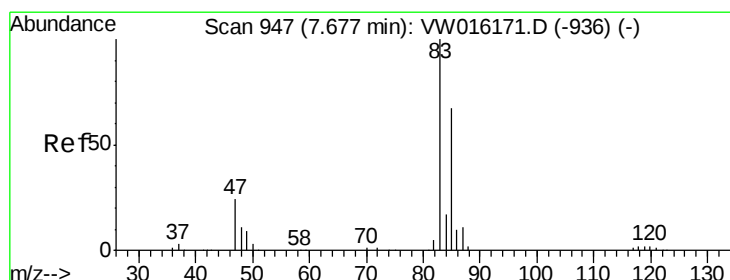
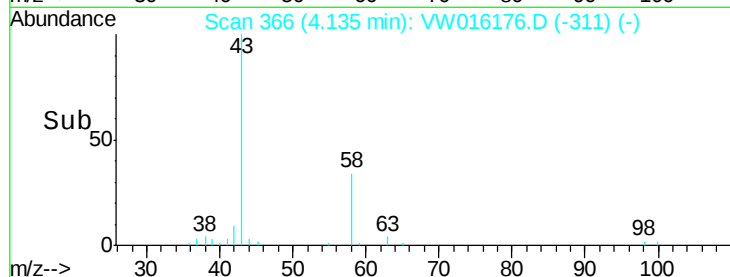
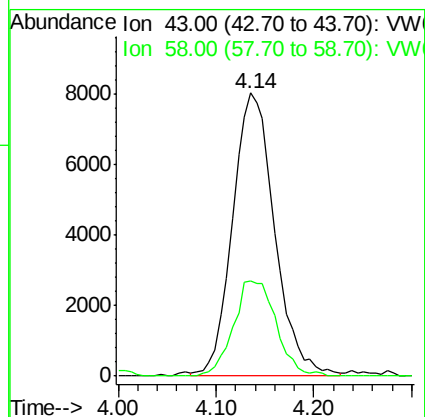
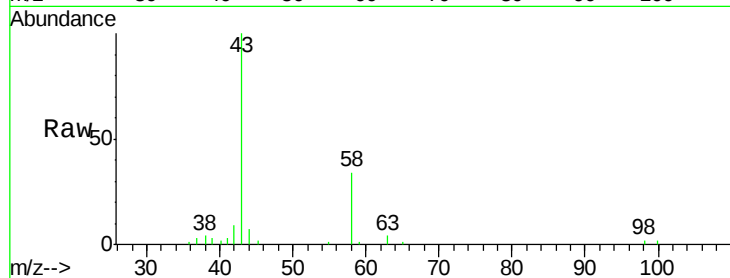
GAYB3

Tot Ion: 43 Resp: 23978

Ion Ratio Lower Upper

43 100

58 33.8 0.0 59.4



#25

Chloroform

Concen: 18.917 ug/L

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

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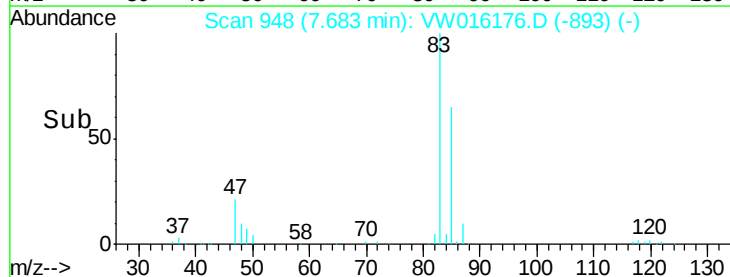
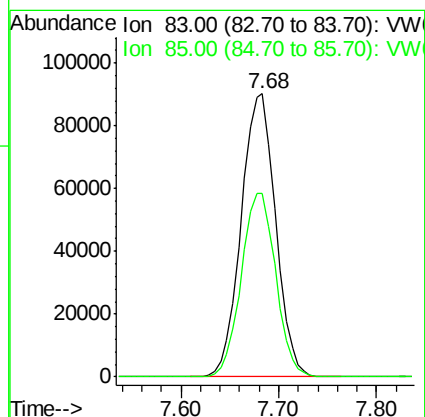
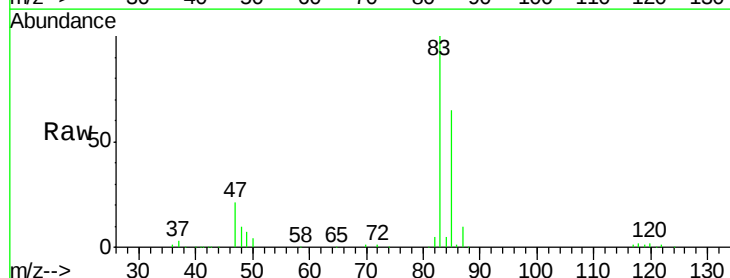
Acq: 13 Aug 2020 12:23

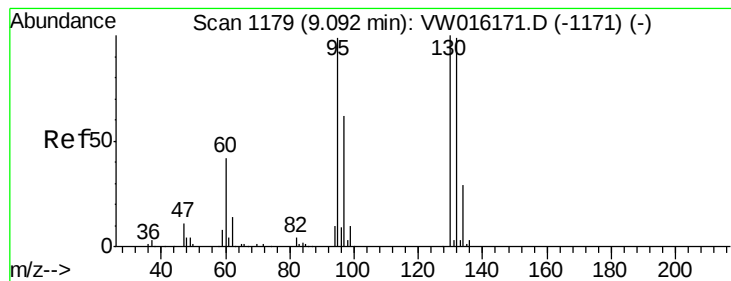
Tgt Ion: 83 Resp: 220117

Ion Ratio Lower Upper

83 100

85 65.0 46.0 85.4





#35

Trichloroethene

Concen: 7.880 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

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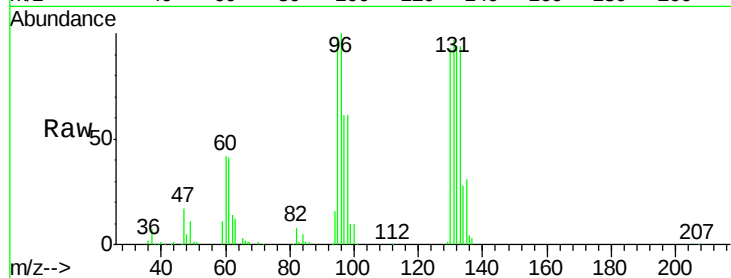
Acq: 13 Aug 2020 12:23

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MSVOA_W

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GAYB3



Tot Ion: 95 Resp: 51306

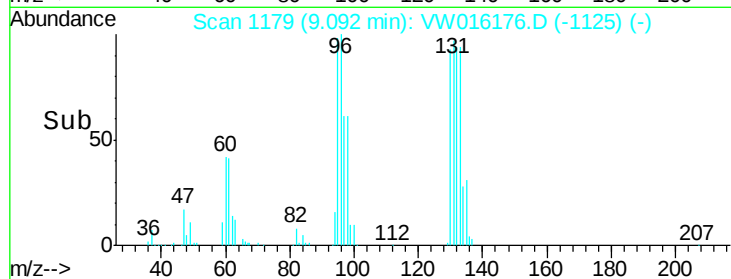
Ion Ratio Lower Upper

95 100

97 67.3 44.9 83.3

132 98.0 65.8 122.2

130 100.3 69.5 129.1



Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

