

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016113.D
 Acq On : 10 Aug 2020 20:41
 Operator : SY/VA
 Sample : L3598-09
 Misc : 6.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY65

Quant Time: Aug 11 01:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147096	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124094	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
7) Chloroethane-d5	2.89	69	91212	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
10) 1,1-Dichloroethene-d2	4.01	63	193776	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.00%
20) 2-Butanone-d5	7.09	46	99792	71.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.42%#
24) Chloroform-d	7.65	84	272736	23.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	8.30	65	171529	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.84%
29) Benzene-d6	8.27	84	526888	25.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.16%
33) 1,2-Dichloropropane-d6	9.27	67	160042	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	10.32	98	475768	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.60%
38) trans-1,3-Dichloropropene-	10.58	79	74972	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.92%
39) 2-Hexanone-d5	10.93	63	84210	79.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.34%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	165906	33.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	142183	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

Target Compounds

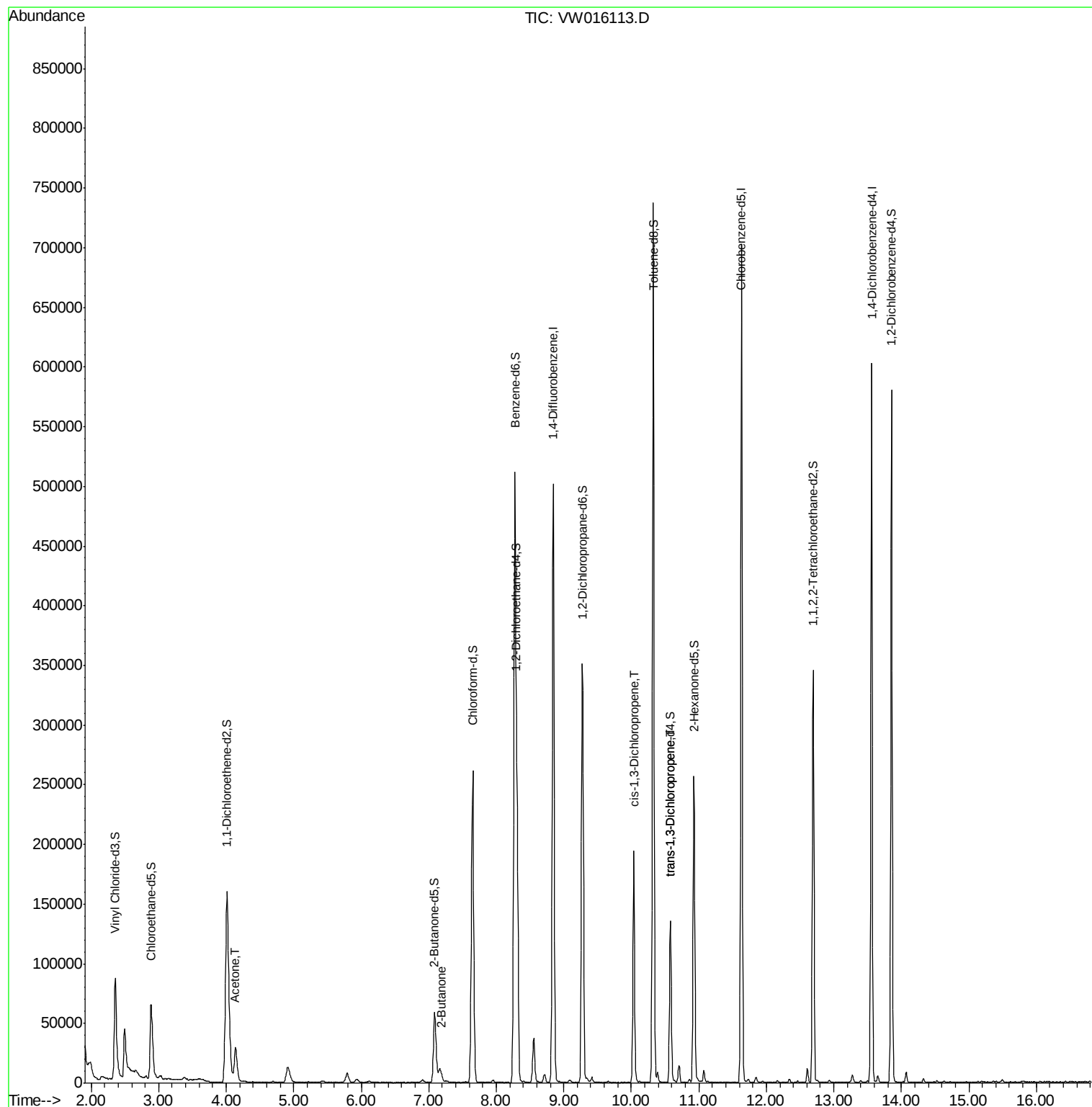
					Ovalue
13) Acetone	4.14	43	52804	50.157 ug/L	97
21) 2-Butanone	7.19	43	6705	4.019 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	5669	0.686 ug/L #	78
45) trans-1,3-Dichloropropene	10.58	75	3724	0.502 ug/L	87

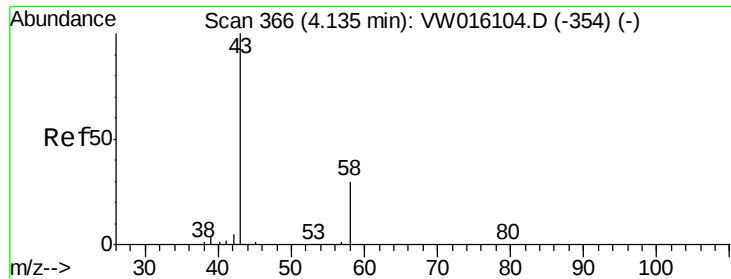
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 50.157 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW016113.D

Acq: 10 Aug 2020 20:41

Instrument :

MSVOA_W

ClientSampleId :

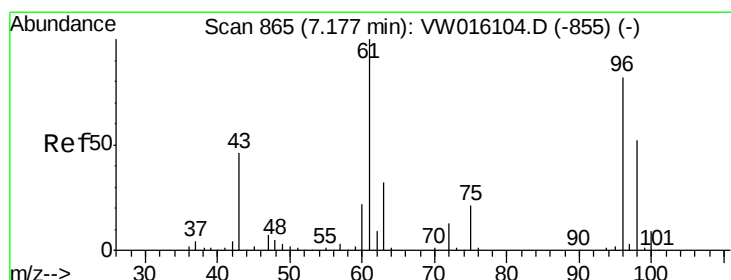
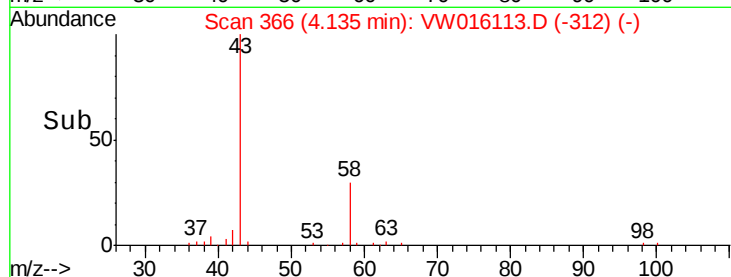
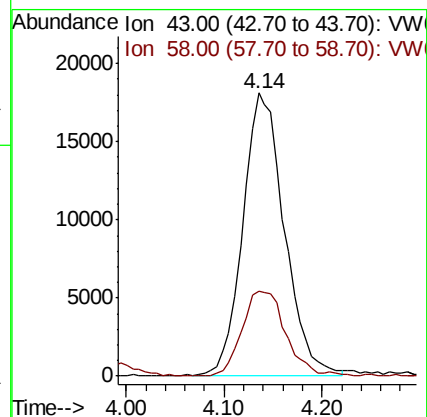
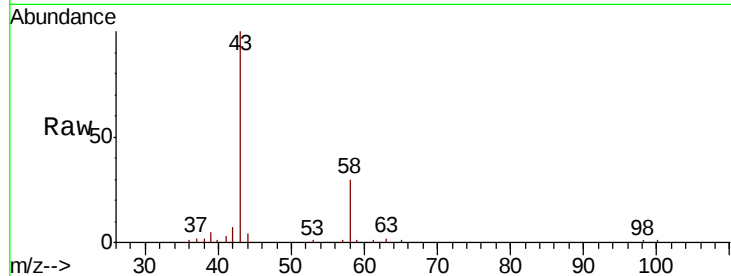
GAY65

Tot Ion: 43 Resp: 52804

Ion Ratio Lower Upper

43 100

58 31.5 0.0 59.4



#21

2-Butanone

Concen: 4.019 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016113.D

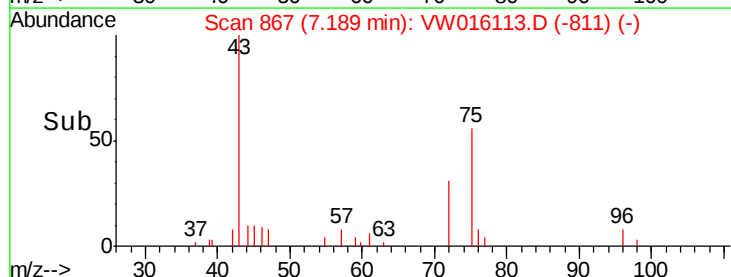
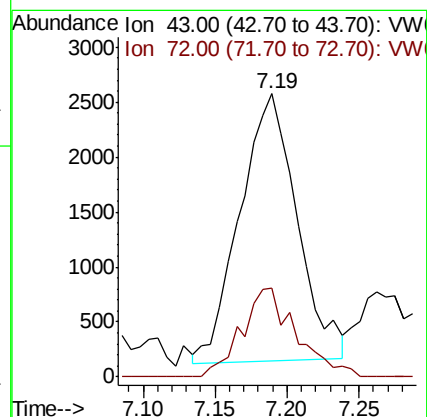
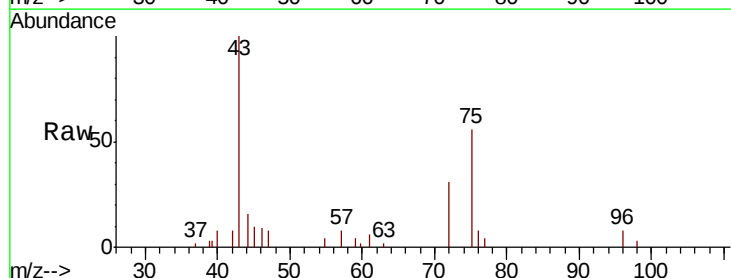
Acq: 10 Aug 2020 20:41

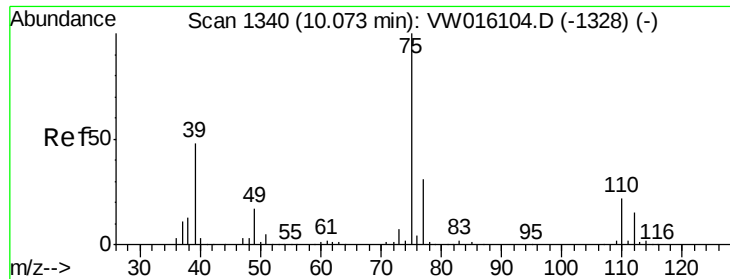
Tgt Ion: 43 Resp: 6705

Ion Ratio Lower Upper

43 100

72 30.8 13.9 41.7

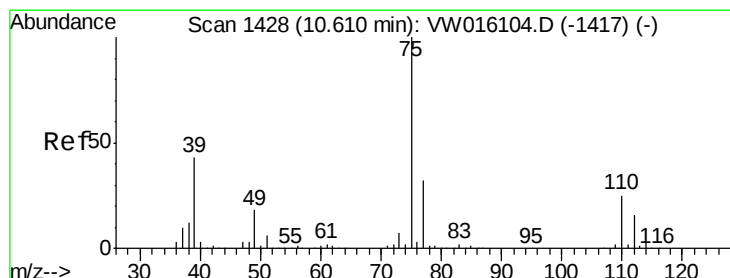
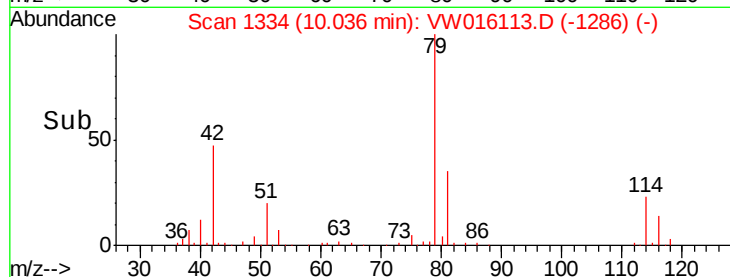
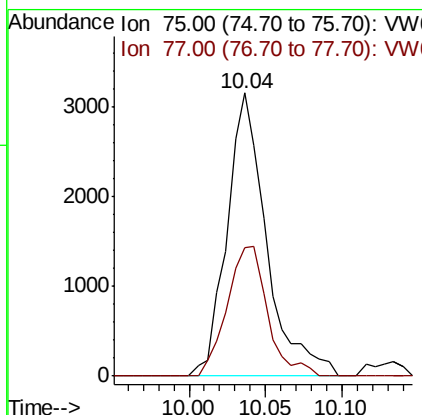
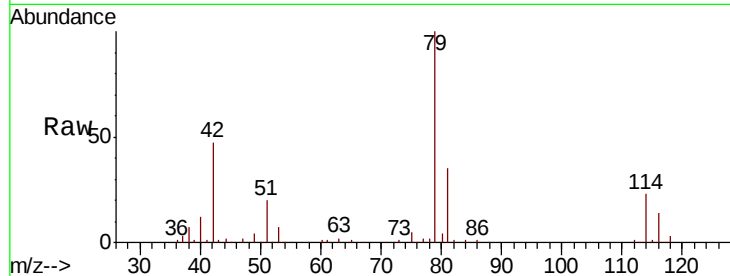




#42
 cis-1,3-Dichloropropene
 Concen: 0.686 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
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Instrument :
 MSVOA_W
 ClientSampled :
 GAY65

Tot Ion: 75 Resp: 5669
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.9 42.5#



#45
 trans-1,3-Dichloropropene
 Concen: 0.502 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW016113.D
 Acq: 10 Aug 2020 20:41

Tgt Ion: 75 Resp: 3724
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.7 42.1

