

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015962.D
 Acq On : 27 Jul 2020 11:21
 Operator : SY/VA
 Sample : L3458-01
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY29

Quant Time: Jul 28 01:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343589	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95329	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.36%
7) Chloroethane-d5	2.89	69	73279	17.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.40%
10) 1,1-Dichloroethene-d2	4.01	63	146515	13.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.76%
20) 2-Butanone-d5	7.09	46	119370	87.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.82%#
24) Chloroform-d	7.65	84	187670	18.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.56%
26) 1,2-Dichloroethane-d4	8.31	65	119717	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.28%
29) Benzene-d6	8.27	84	383207	18.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.28%
33) 1,2-Dichloropropane-d6	9.27	67	119832	19.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.44%
37) Toluene-d8	10.32	98	334170	17.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.56%
38) trans-1,3-Dichloropropene-	10.58	79	55135	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.52%
39) 2-Hexanone-d5	10.93	63	90692	86.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.74%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143243	29.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	119952	20.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.76%

Target Compounds

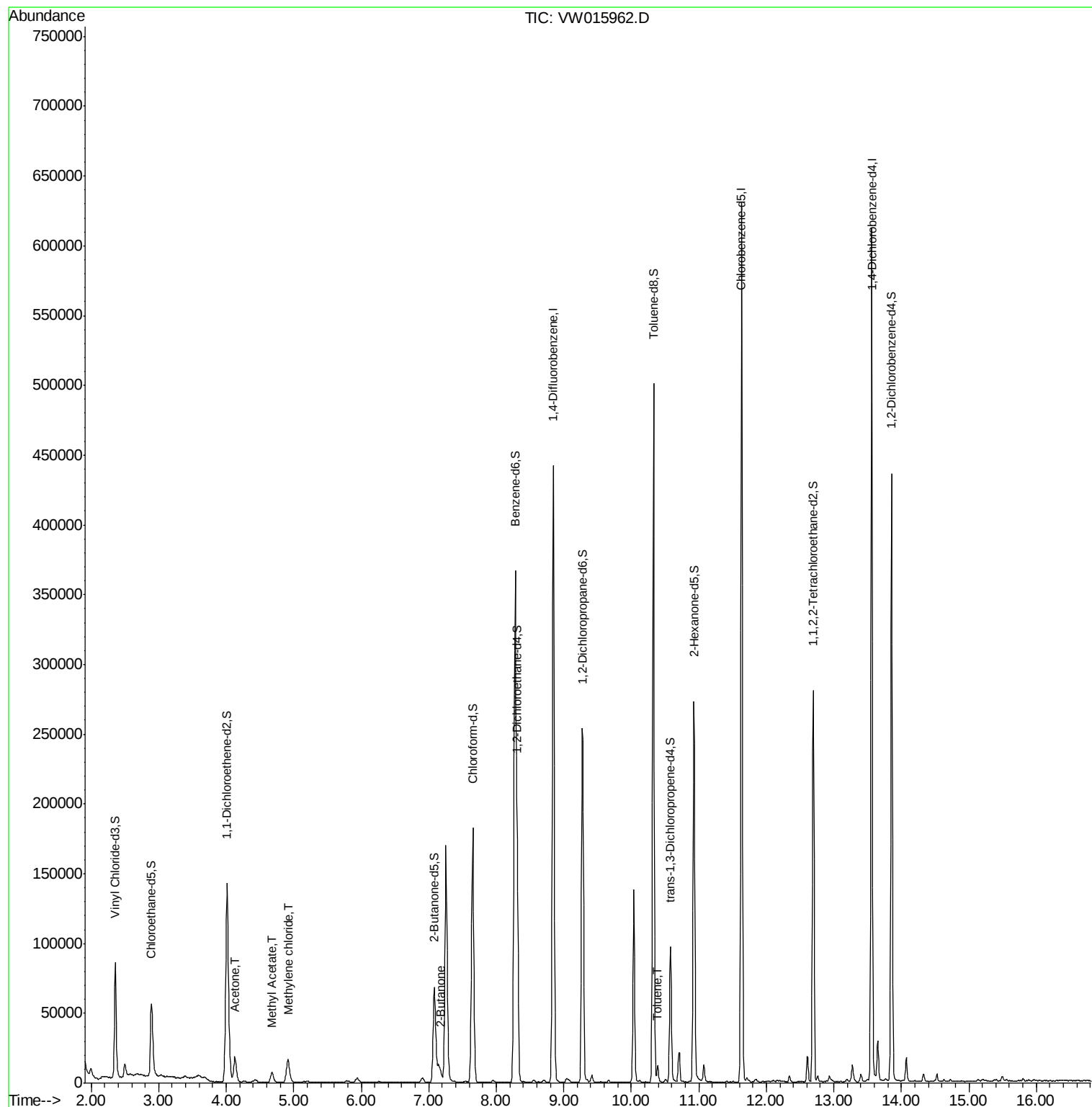
					Ovalue
13) Acetone	4.13	43	31813	27.738	ug/L 96
15) Methyl Acetate	4.68	43	13707	6.339	ug/L 99
16) Methylene chloride	4.92	84	13048	2.161	ug/L 93
21) 2-Butanone	7.18	43	5030	3.547	ug/L 83
44) Toluene	10.39	91	8385	0.383	ug/L 100

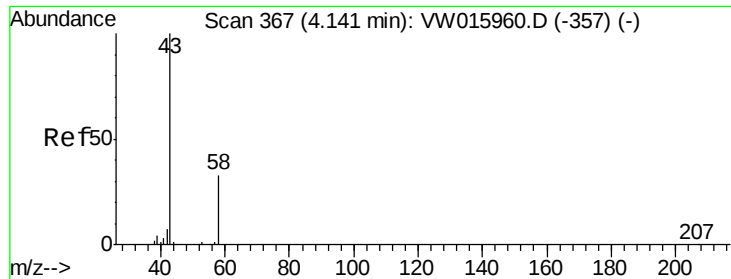
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 28 01:36:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 27.738 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015962.D

Acq: 27 Jul 2020 11:21

Instrument :

MSVOA_W

ClientSampleId :

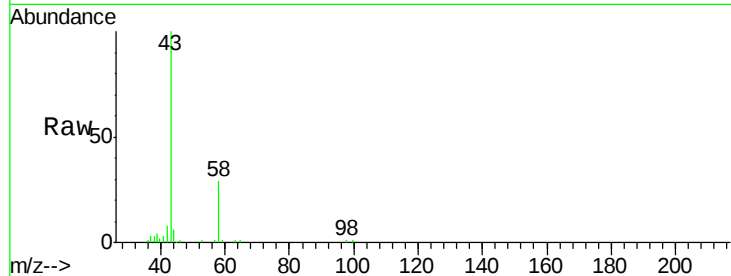
GAY29

Tot Ion: 43 Resp: 31813

Ion Ratio Lower Upper

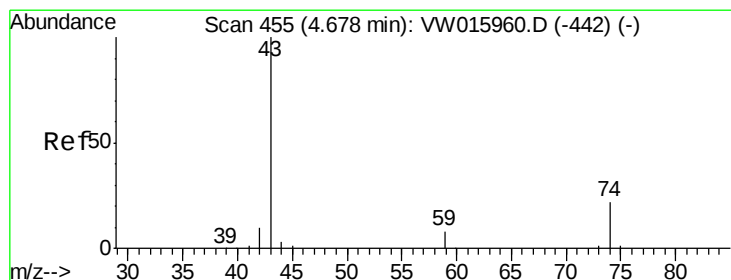
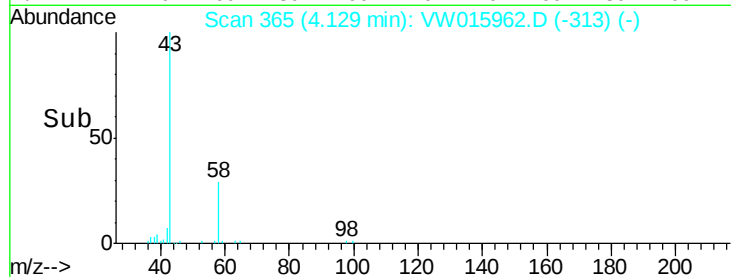
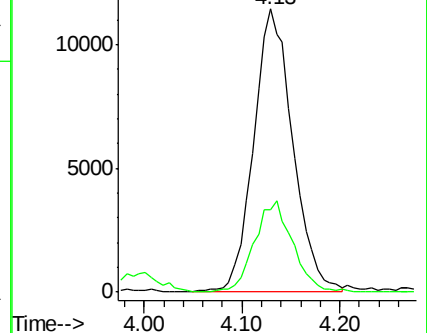
43 100

58 31.1 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 6.339 ug/L

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015962.D

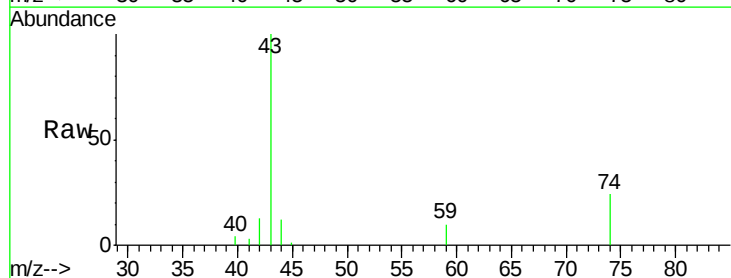
Acq: 27 Jul 2020 11:21

Tgt Ion: 43 Resp: 13707

Ion Ratio Lower Upper

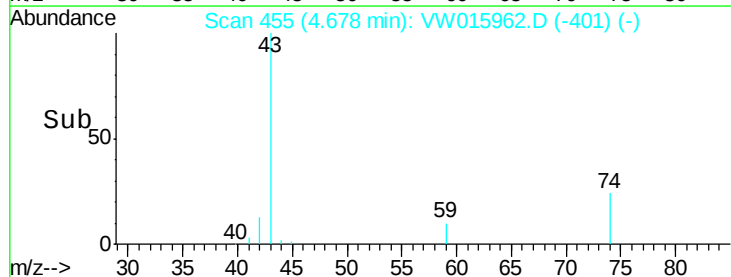
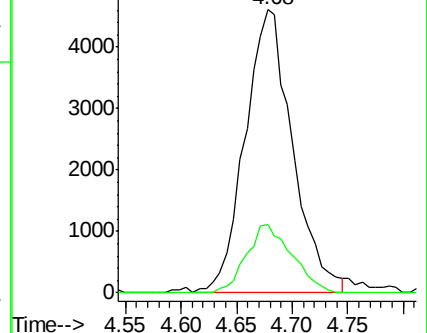
43 100

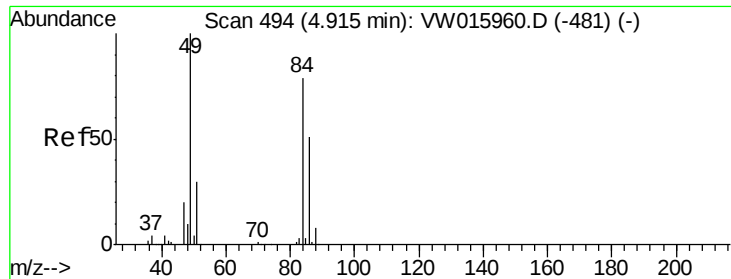
74 23.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

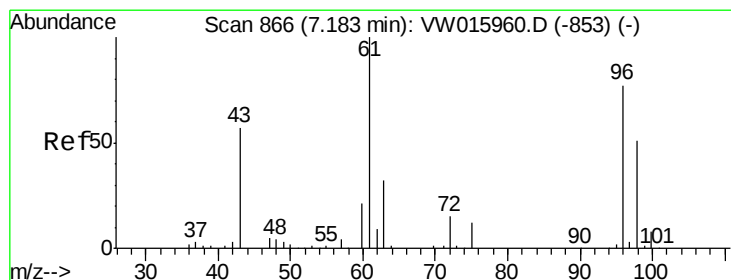
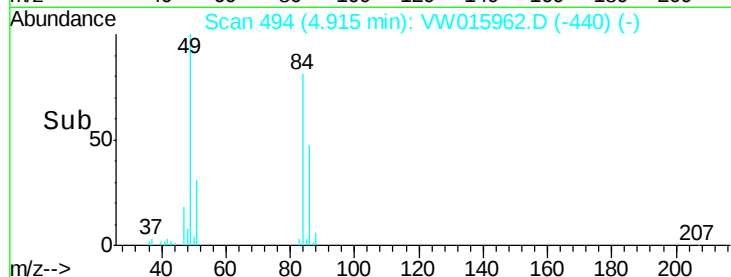
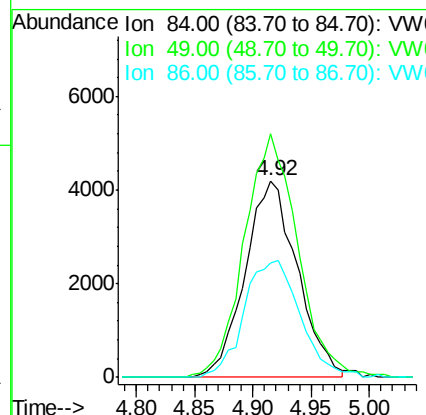
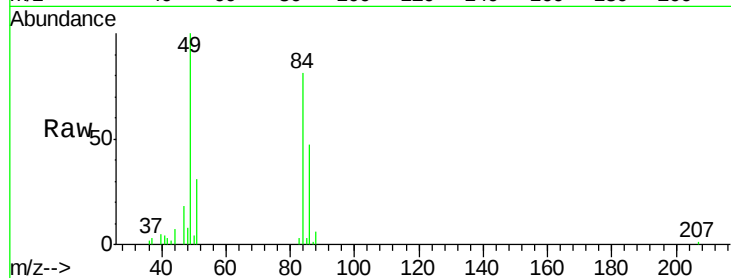




#16
Methylene chloride
Concen: 2.161 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015962.D
Acq: 27 Jul 2020 11:21

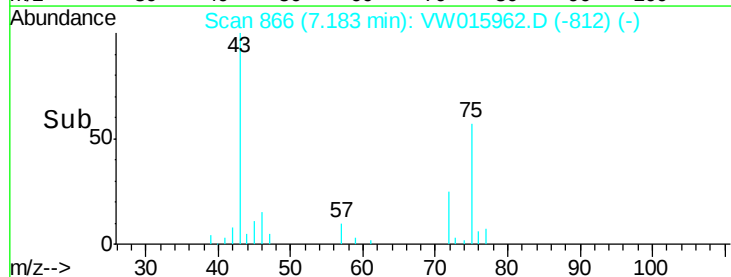
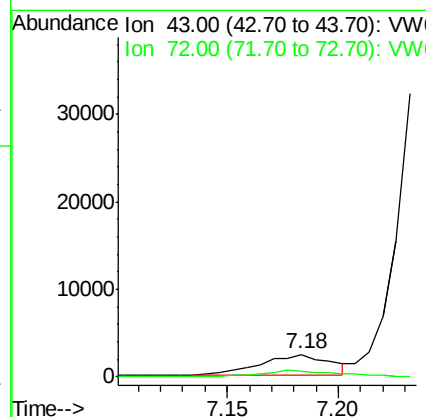
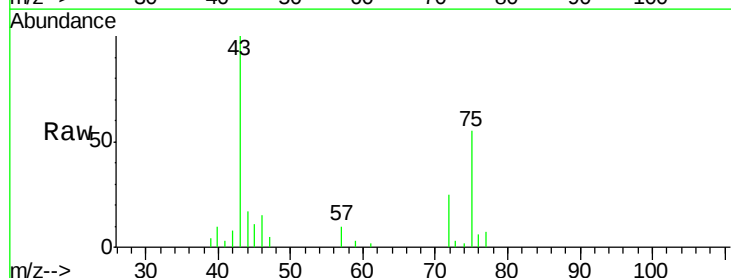
Instrument :
MSVOA_W
ClientSampled :
GAY29

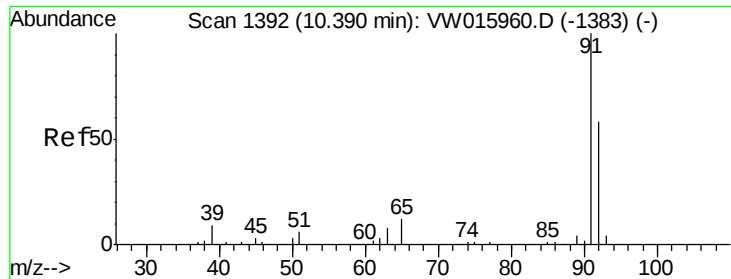
Tot Ion: 84 Resp: 13048
Ion Ratio Lower Upper
84 100
49 123.8 91.1 169.1
86 58.4 46.0 85.4



#21
2-Butanone
Concen: 3.547 ug/L
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW015962.D
Acq: 27 Jul 2020 11:21

Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
72 36.8 13.9 41.7





#44

Toluene

Concen: 0.383 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015962.D

Acq: 27 Jul 2020 11:21

Instrument :

MSVOA_W

ClientSampleId :

GAY29

Tot Ion: 91 Resp: 8385

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4

