

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015939.D
 Acq On : 24 Jul 2020 10:54
 Operator : SY/VA
 Sample : L3395-01
 Misc : 6.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY13

Quant Time: Jul 25 05:27:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	411941	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	345346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117028	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124372	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.90	69	95392	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.01	63	181444	15.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.76%
20) 2-Butanone-d5	7.09	46	71322	46.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.42%
24) Chloroform-d	7.65	84	221122	19.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.44%
26) 1,2-Dichloroethane-d4	8.31	65	126242	19.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.52%
29) Benzene-d6	8.27	84	451397	21.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.88%
33) 1,2-Dichloropropane-d6	9.27	67	139550	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.56%
37) Toluene-d8	10.32	98	384992	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.88%
38) trans-1,3-Dichloropropene-	10.58	79	54991	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.88%
39) 2-Hexanone-d5	10.93	63	52635	50.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107526	22.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	89172	19.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.16%

Target Compounds

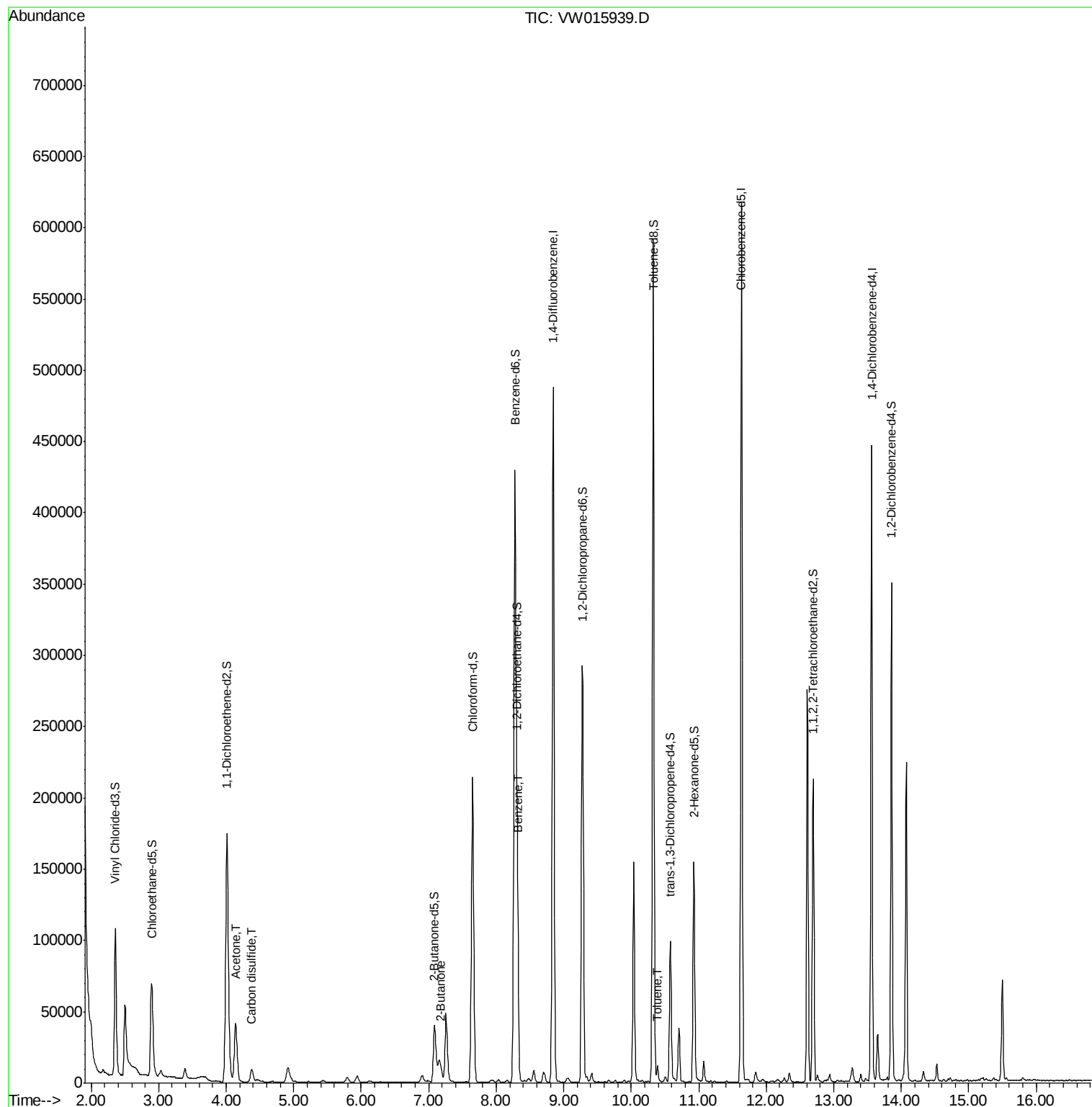
					Qvalue
13) Acetone	4.14	43	78763	61.425 ug/L	98
14) Carbon disulfide	4.38	76	19851	1.187 ug/L	96
21) 2-Butanone	7.18	43	9542	6.018 ug/L	98
34) Benzene	8.32	78	10859	0.518 ug/L	100
44) Toluene	10.39	91	7731	0.351 ug/L	96

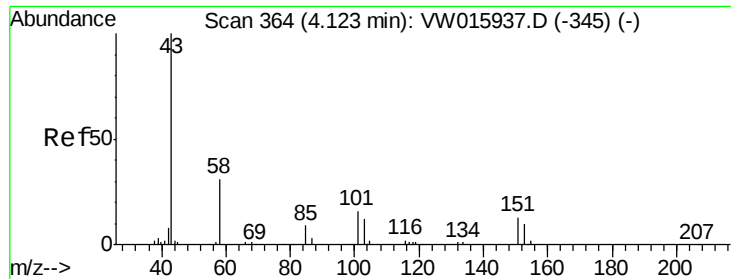
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 25 05:14:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 61.425 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015939.D

Acq: 24 Jul 2020 10:54

Instrument :

MSVOA_W

ClientSampled :

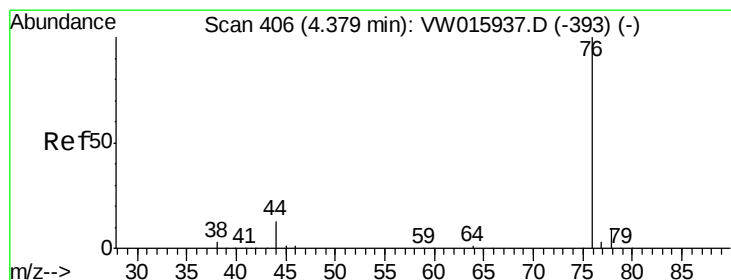
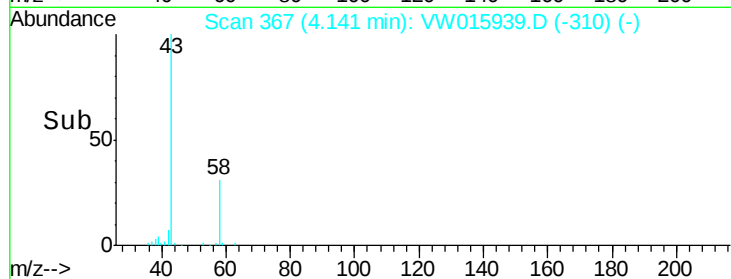
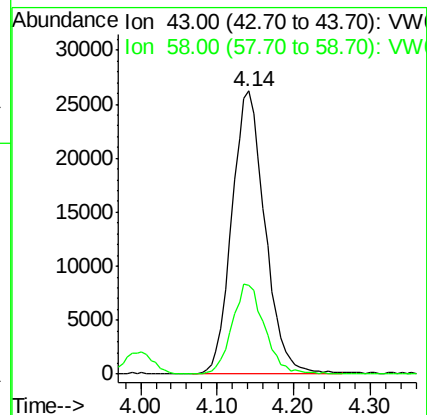
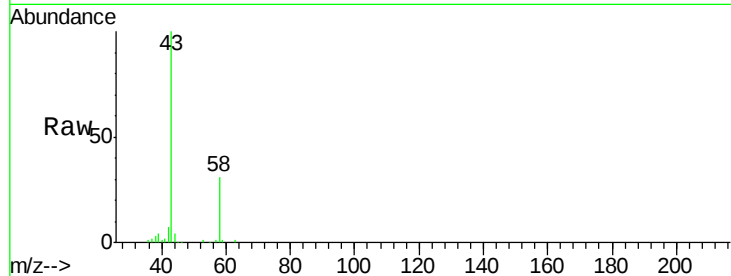
GAY13

Tgt Ion: 43 Resp: 78763

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.2



#14

Carbon disulfide

Concen: 1.187 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015939.D

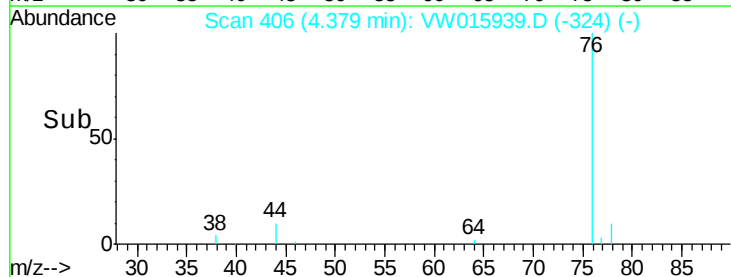
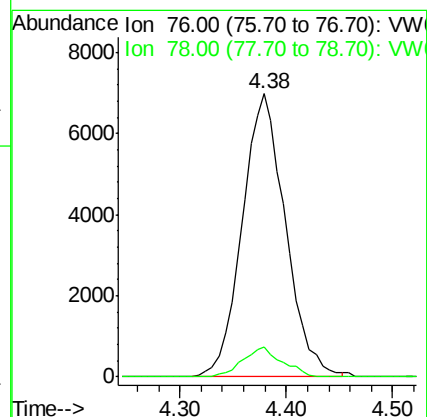
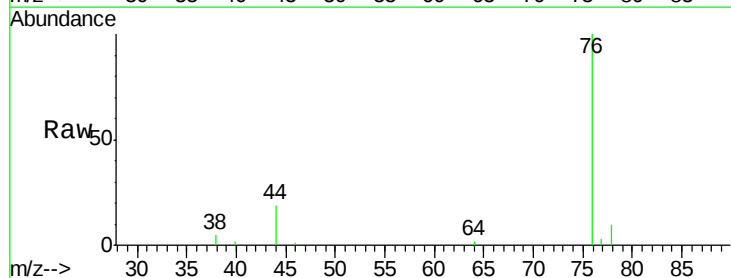
Acq: 24 Jul 2020 10:54

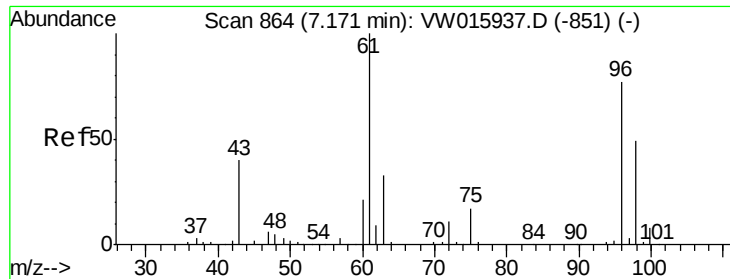
Tgt Ion: 76 Resp: 19851

Ion Ratio Lower Upper

76 100

78 10.4 7.2 10.8

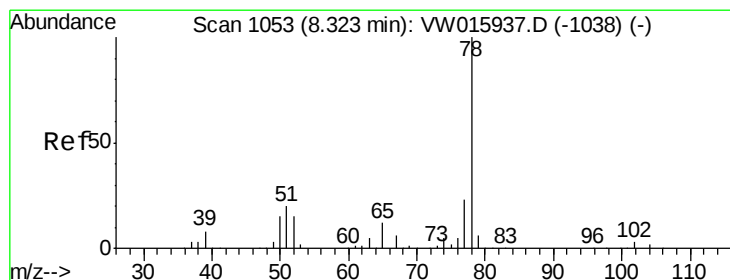
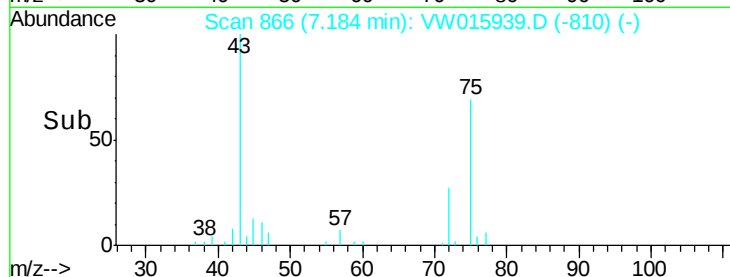
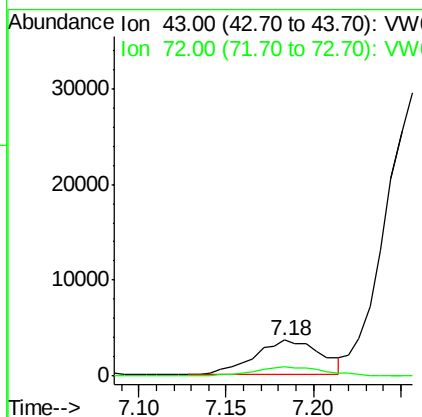
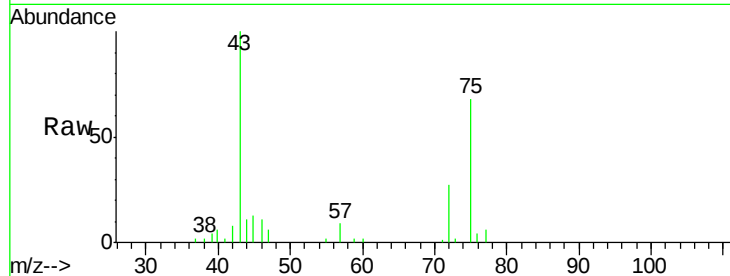




#21
2-Butanone
Concen: 6.018 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015939.D
Acq: 24 Jul 2020 10:54

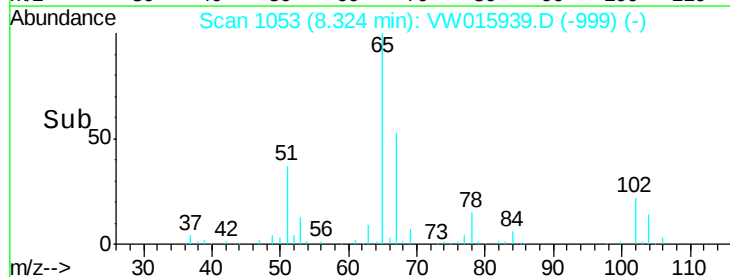
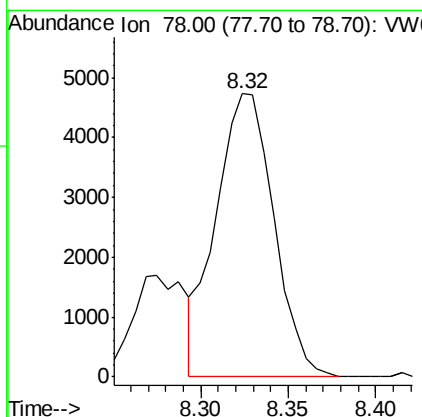
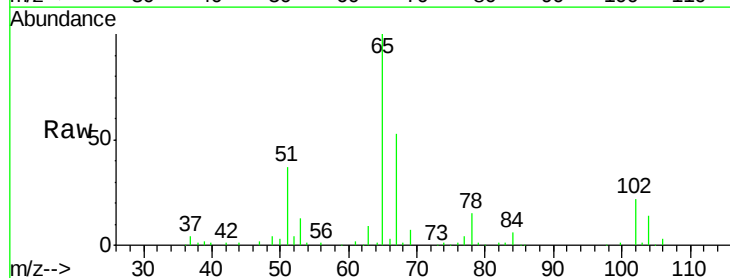
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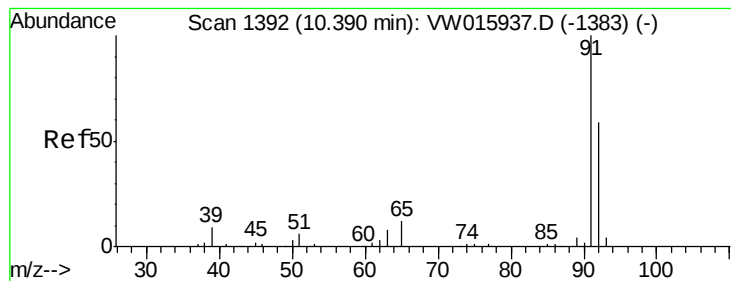
Tgt Ion: 43 Resp: 9542
Ion Ratio Lower Upper
43 100
72 29.1 13.9 41.7



#34
Benzene
Concen: 0.518 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015939.D
Acq: 24 Jul 2020 10:54

Tgt Ion: 78 Resp: 10859





#44

Toluene

Concen: 0.351 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015939.D

Acq: 24 Jul 2020 10:54

Instrument :

MSVOA_W

ClientSampleId :

GAY13

Tgt Ion: 91 Resp: 7731

Ion Ratio Lower Upper

91 100

92 62.0 41.2 76.4

