

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
 Data File : VW016139.D
 Acq On : 11 Aug 2020 16:23
 Operator : SY/VA
 Sample : L3598-16
 Misc : 6.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY72

Quant Time: Aug 11 18:40:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335128	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	102742	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97894	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
7) Chloroethane-d5	2.89	69	74647	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
10) 1,1-Dichloroethene-d2	4.01	63	157715	17.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.48%
20) 2-Butanone-d5	7.08	46	102976	94.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	188.38%#
24) Chloroform-d	7.65	84	220910	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	137952	28.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.52%
29) Benzene-d6	8.27	84	422917	25.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.96%
33) 1,2-Dichloropropane-d6	9.27	67	127662	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.68%
37) Toluene-d8	10.32	98	361936	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.04%
38) trans-1,3-Dichloropropene-	10.58	79	57994	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.80%
39) 2-Hexanone-d5	10.93	63	81817	98.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	196.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137470	34.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	97687	26.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.28%

Target Compounds

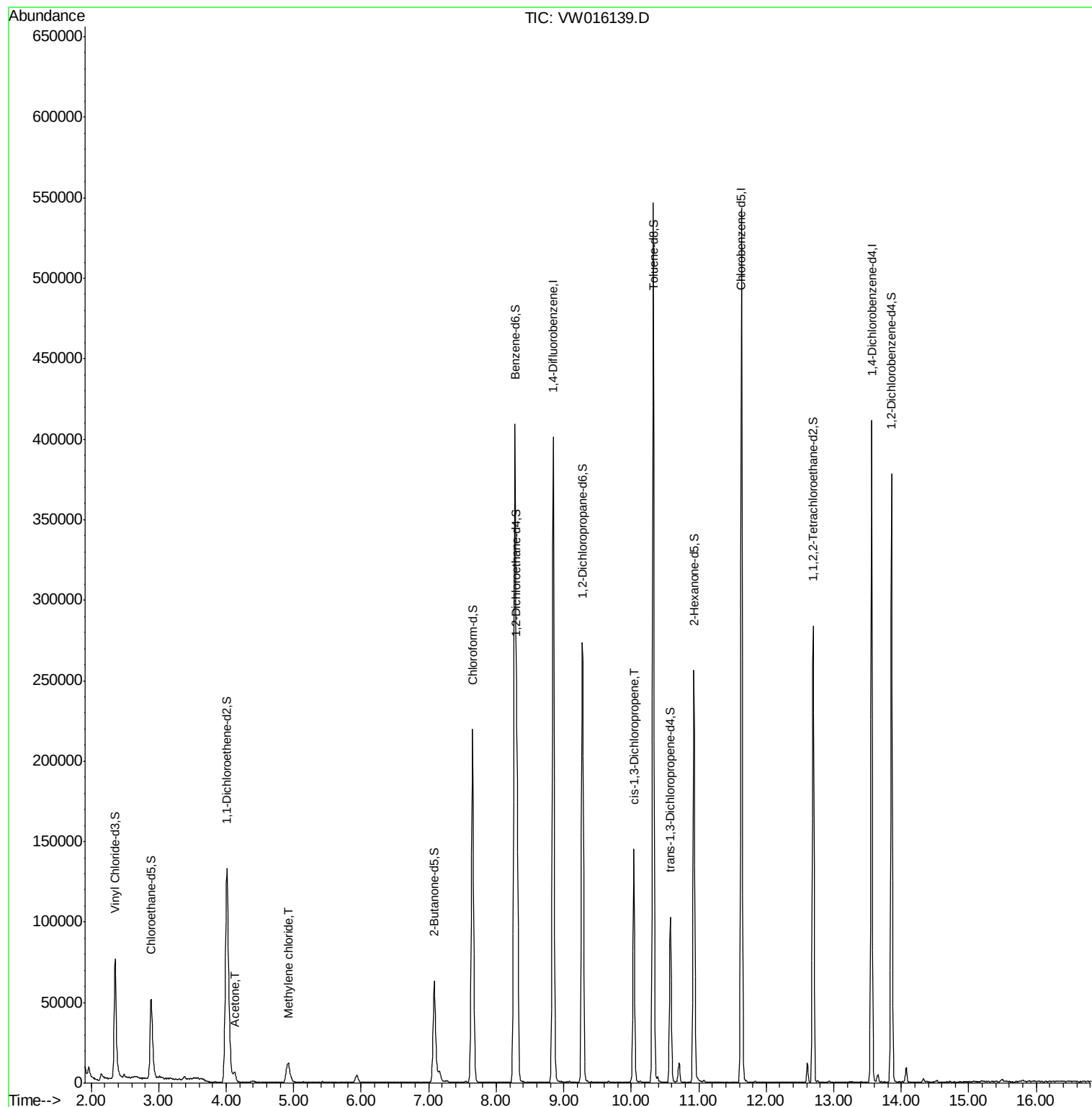
					Qvalue
13) Acetone	4.12	43	9030	10.918 ug/L	72
16) Methylene chloride	4.92	84	11912	2.251 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	3437	0.528 ug/L #	54

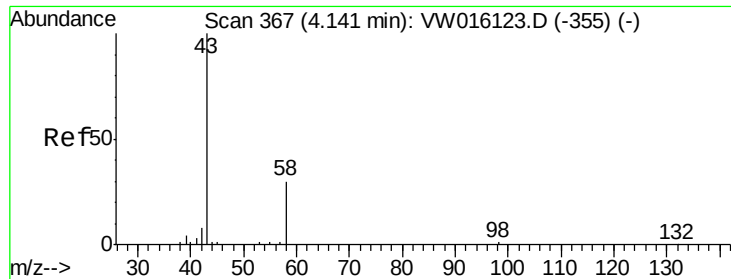
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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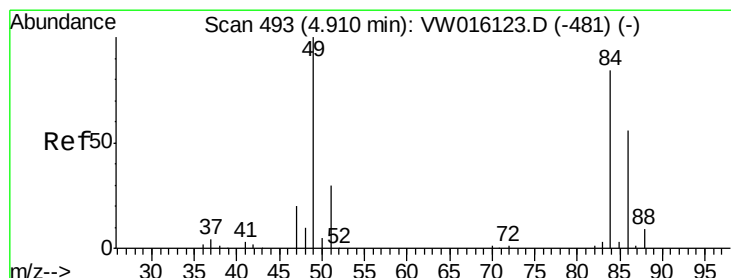
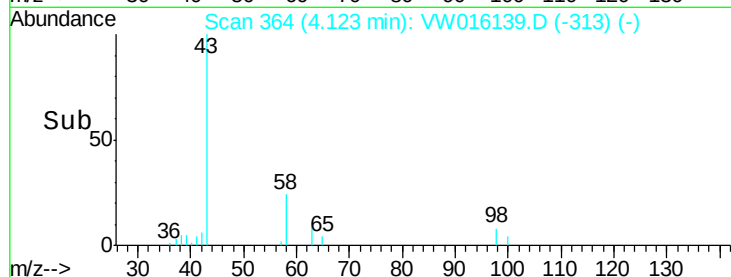
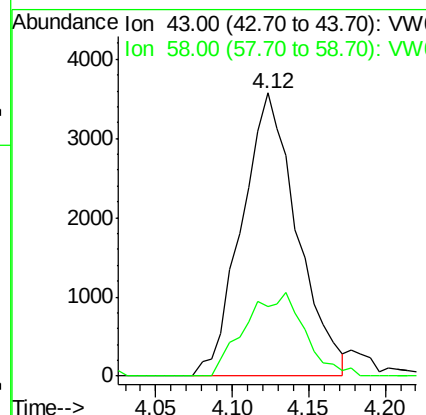
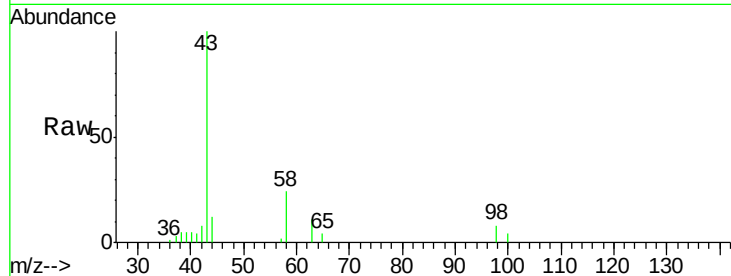




#13
Acetone
Concen: 10.918 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW016139.D
Acq: 11 Aug 2020 16:23

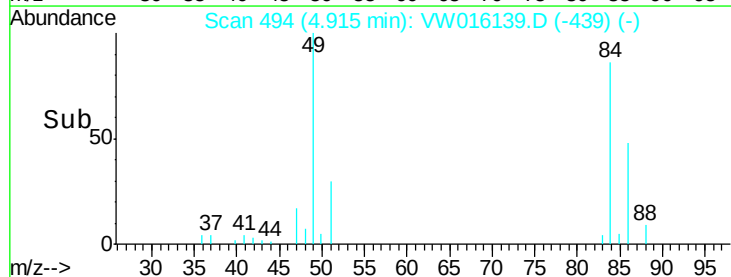
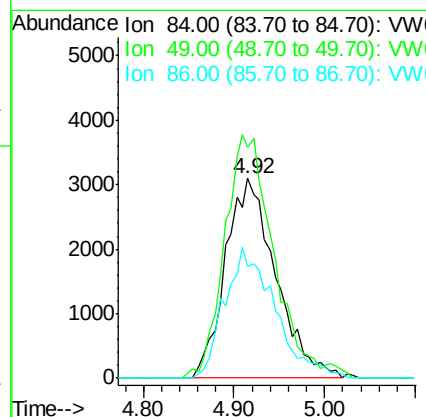
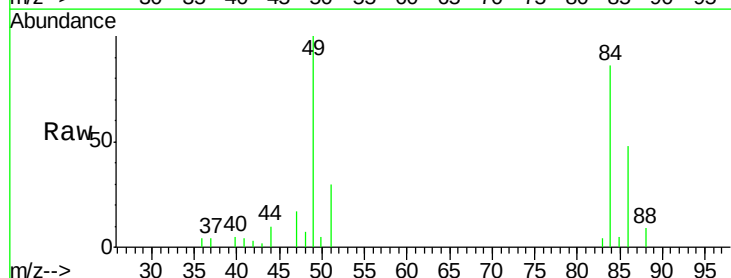
Instrument :
MSVOA_W
ClientSampleId :
GAY72

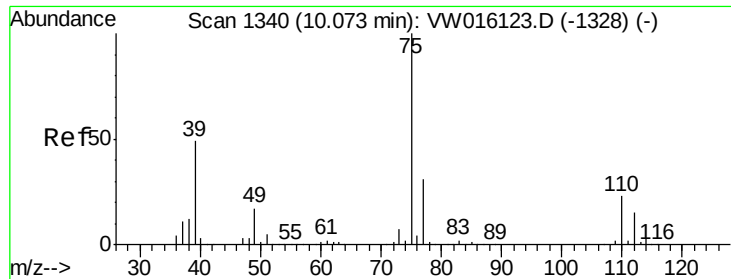
Tgt Ion: 43 Resp: 9030
Ion Ratio Lower Upper
43 100
58 14.8 0.0 59.4



#16
Methylene chloride
Concen: 2.251 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016139.D
Acq: 11 Aug 2020 16:23

Tgt Ion: 84 Resp: 11912
Ion Ratio Lower Upper
84 100
49 115.7 80.4 149.4
86 55.7 43.8 81.3





#42

cis-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016139.D

Acq: 11 Aug 2020 16:23

Instrument :

MSVOA_W

ClientSampleId :

GAY72

Tgt Ion: 75 Resp: 3437

Ion Ratio Lower Upper

75 100

77 58.3 22.9 42.5#

