

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018523.D
 Acq On : 31 Mar 2021 19:34
 Operator : SY/VA
 Sample : M1859-16
 Misc : 5.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG578

Quant Time: Apr 01 02:08:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

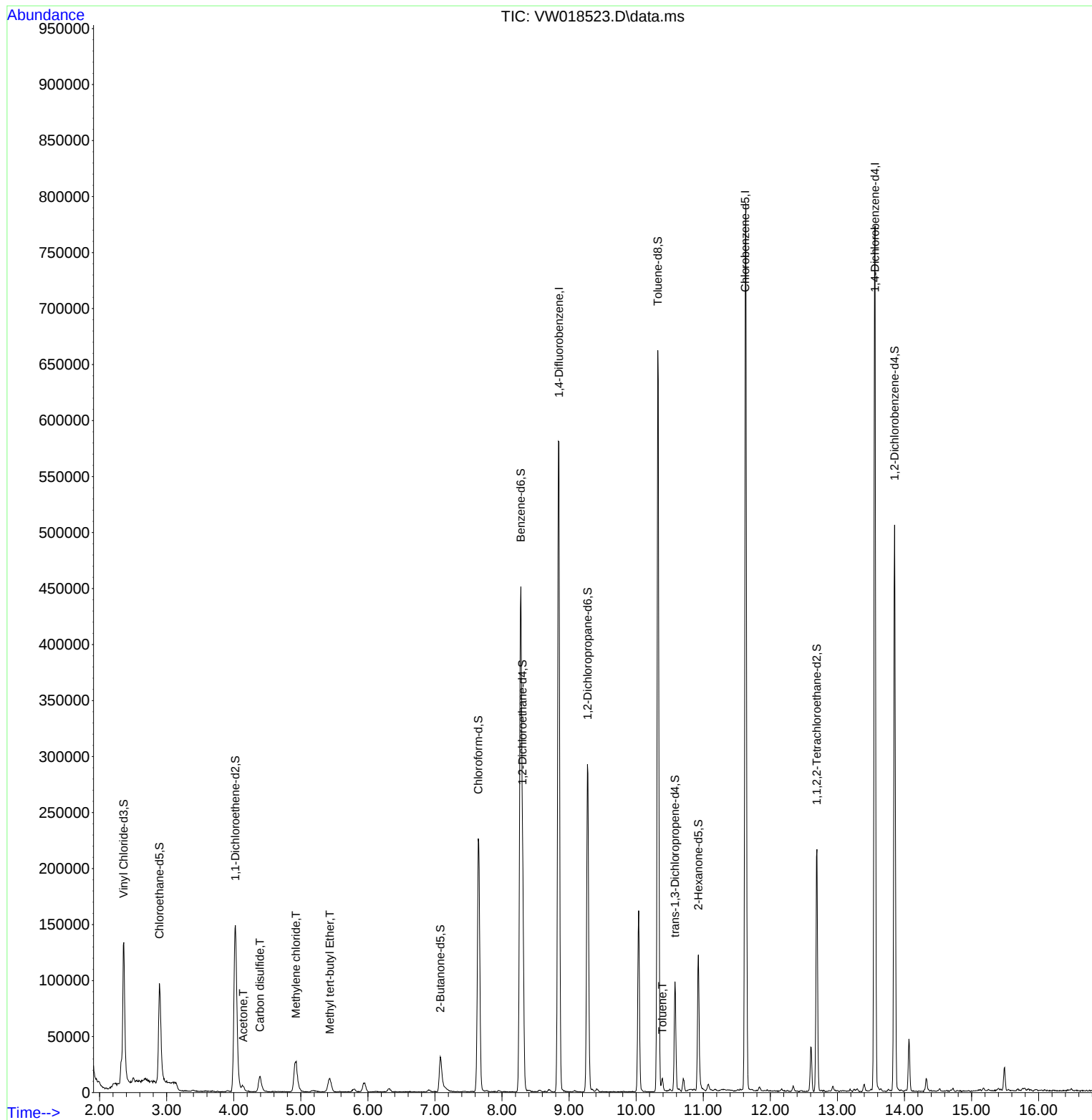
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	483001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427439	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	197465	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	153440	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
7) Chloroethane-d5	2.891	69	121397	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.52%
10) 1,1-Dichloroethene-d2	4.025	63	165969	14.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.20%
20) 2-Butanone-d5	7.080	46	52209	34.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.78%
24) Chloroform-d	7.647	84	227179	18.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.88%
26) 1,2-Dichloroethane-d4	8.305	65	136824	19.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.20%
29) Benzene-d6	8.281	84	458318	20.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.68%
33) 1,2-Dichloropropane-d6	9.274	67	129123	19.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.80%
37) Toluene-d8	10.323	98	433082	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.16%
38) trans-1,3-Dichloroprop...	10.579	79	52538	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.16%
39) 2-Hexanone-d5	10.926	63	41345	32.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.46%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	102130	17.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	123690	17.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.48%#
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	8640	8.04	ug/L	74
14) Carbon disulfide	4.391	76	29604	1.62	ug/L	96
16) Methylene chloride	4.928	84	24783	3.13	ug/L	88
17) Methyl tert-butyl Ether	5.434	73	18908	2.13	ug/L #	86
44) Toluene	10.390	91	7141	0.25	ug/L	98

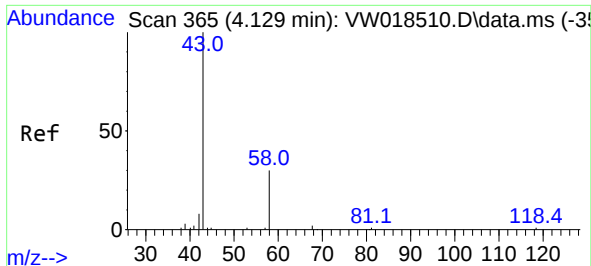
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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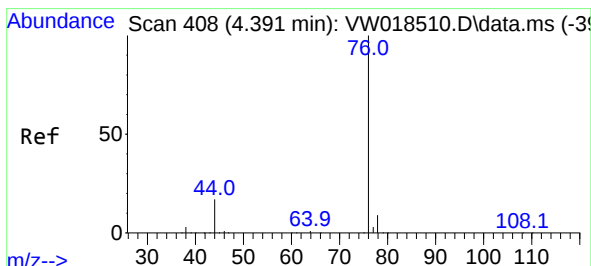
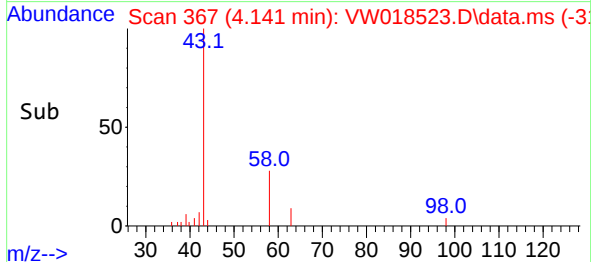
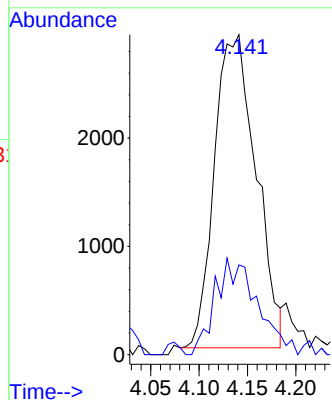
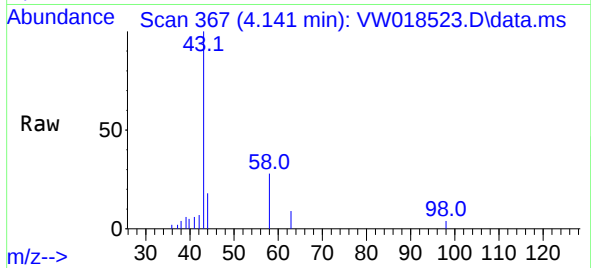




#13
Acetone
Concen: 8.04 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

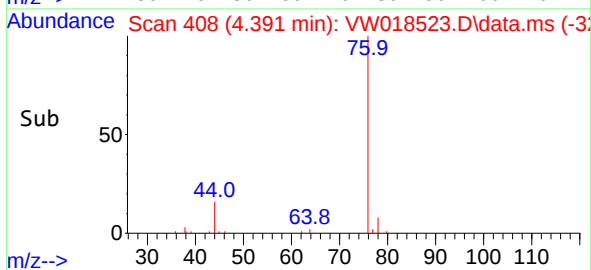
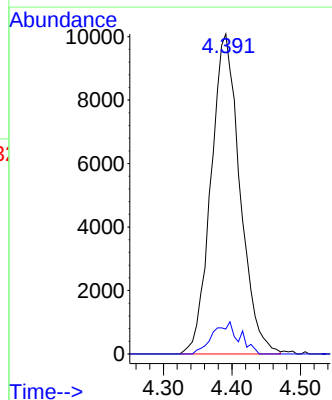
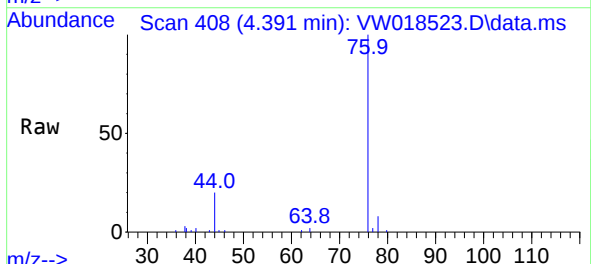
Instrument :
MSVOA_W
ClientSampled :
BG578

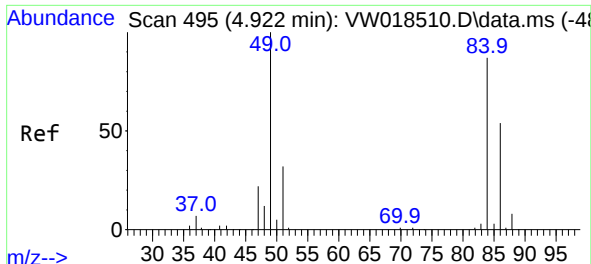
Tgt Ion: 43 Resp: 8640
Ion Ratio Lower Upper
43 100
58 16.9 0.0 62.2



#14
Carbon disulfide
Concen: 1.62 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Tgt Ion: 76 Resp: 29604
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2

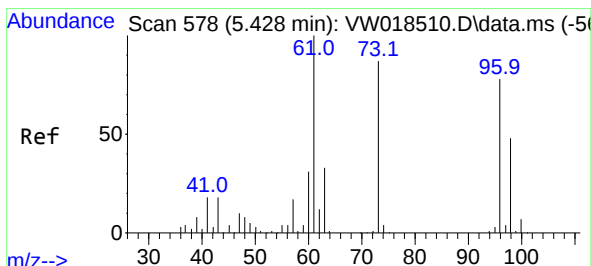
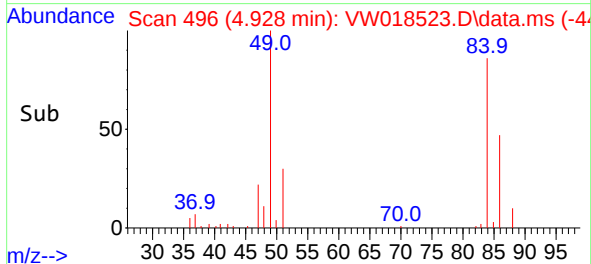
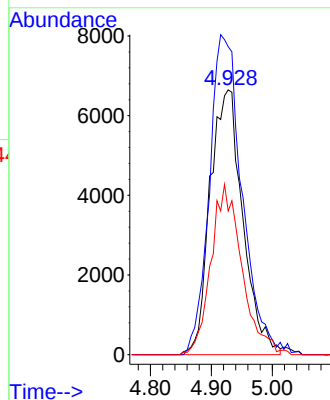
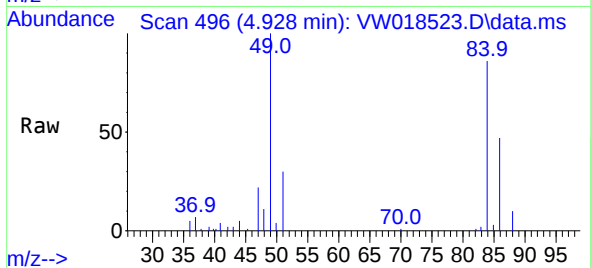




#16
Methylene chloride
Concen: 3.13 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

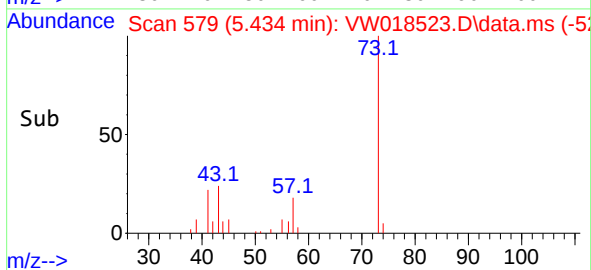
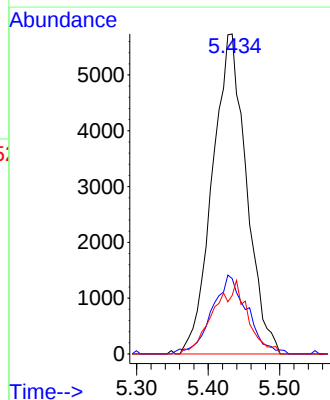
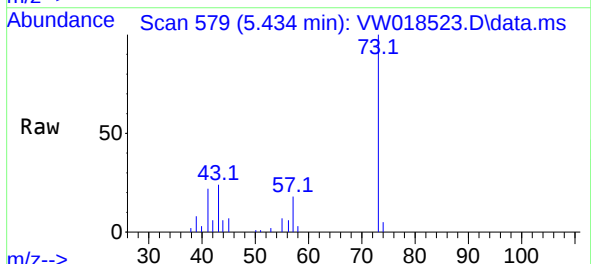
Instrument :
MSVOA_W
ClientSampled :
BG578

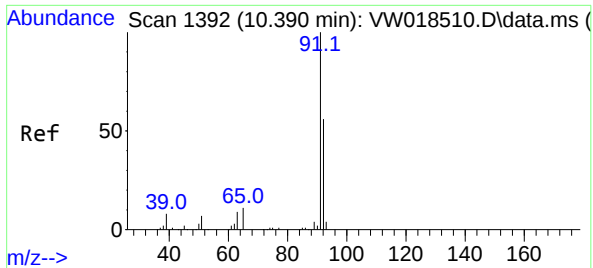
Tgt Ion: 84 Resp: 24783
Ion Ratio Lower Upper
84 100
49 116.3 74.4 138.2
86 54.3 46.1 85.7



#17
Methyl tert-butyl Ether
Concen: 2.13 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Tgt Ion: 73 Resp: 18908
Ion Ratio Lower Upper
73 100
43 25.0 16.6 24.8#
57 11.4 15.9 23.9#





#44
Toluene
Concen: 0.25 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :
BG578

Tgt Ion: 91 Resp: 7141
Ion Ratio Lower Upper
91 100
92 59.2 42.3 78.5

