

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018588.D
 Acq On : 07 Apr 2021 18:06
 Operator : SY/VA
 Sample : M1968-07
 Misc : 3.96G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5B1

Quant Time: Apr 08 05:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

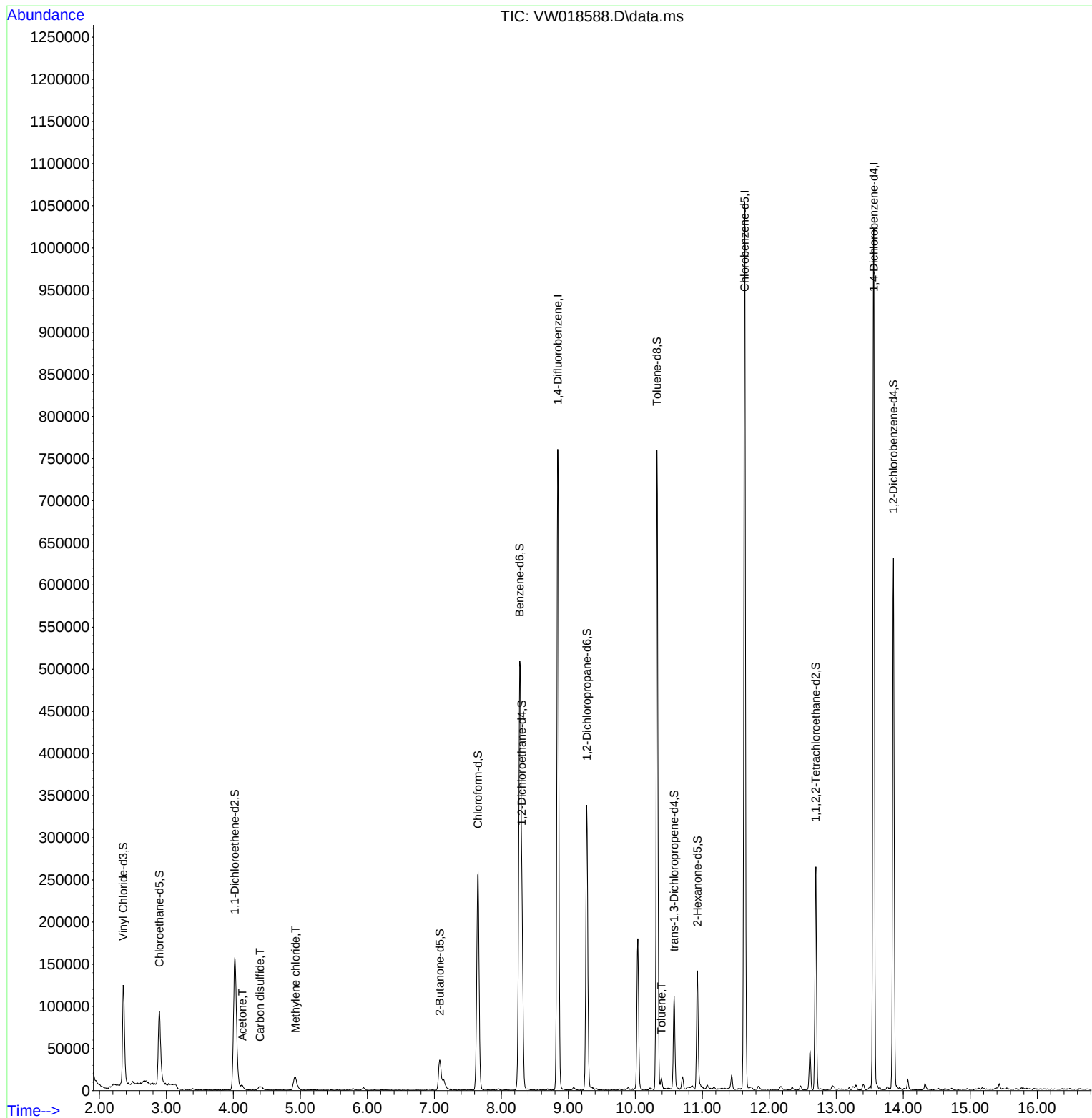
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	635042	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	573609	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	269868	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146435	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.28%
7) Chloroethane-d5	2.898	69	121569	15.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.88%
10) 1,1-Dichloroethene-d2	4.019	63	176650	11.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.32%
20) 2-Butanone-d5	7.080	46	59547	30.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.54%
24) Chloroform-d	7.653	84	258951	16.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.04%
26) 1,2-Dichloroethane-d4	8.305	65	155757	16.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.00%#
29) Benzene-d6	8.275	84	517094	16.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.84%
33) 1,2-Dichloropropane-d6	9.274	67	149231	16.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.88%#
37) Toluene-d8	10.323	98	501539	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.32%
38) trans-1,3-Dichloroprop...	10.579	79	62009	13.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.68%
39) 2-Hexanone-d5	10.927	63	47661	27.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.38%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	125246	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	155416	16.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.80%#
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	6947	4.92	ug/L	81
14) Carbon disulfide	4.397	76	7333	0.31	ug/L	97
16) Methylene chloride	4.928	84	13605	1.31	ug/L	91
44) Toluene	10.390	91	9363	0.25	ug/L	94

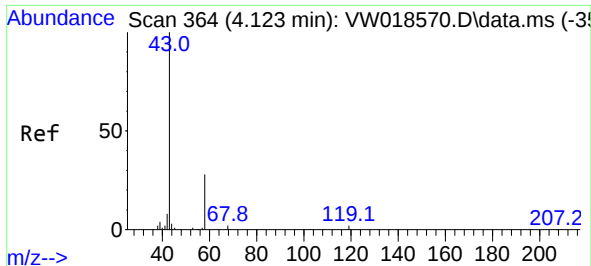
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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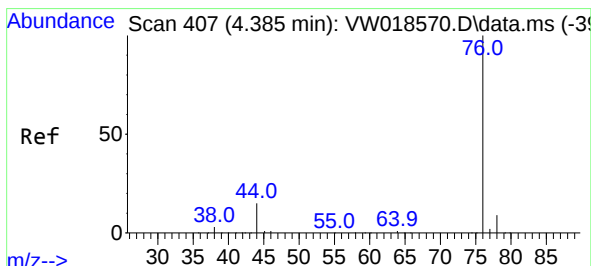
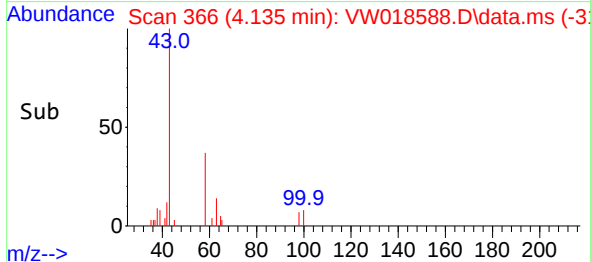
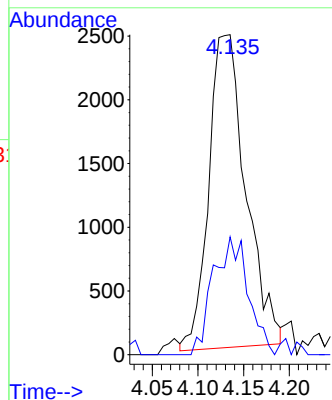
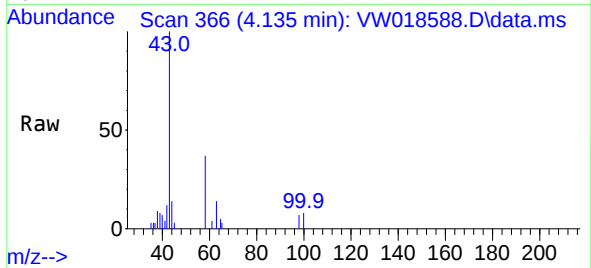




#13
Acetone
Concen: 4.92 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018588.D
Acq: 07 Apr 2021 18:06

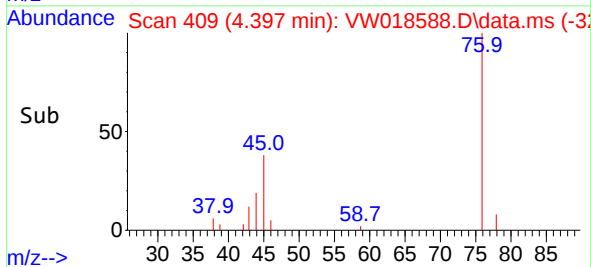
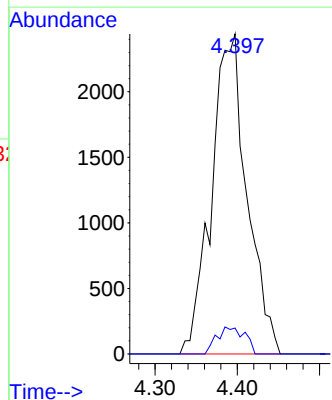
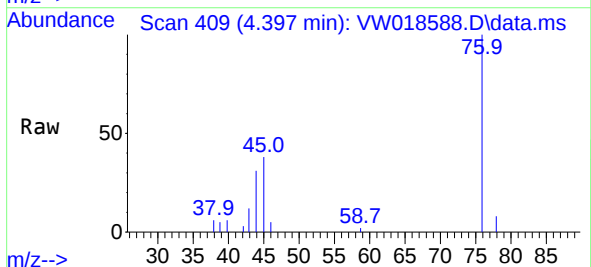
Instrument :
MSVOA_W
ClientSampled :
BG5B1

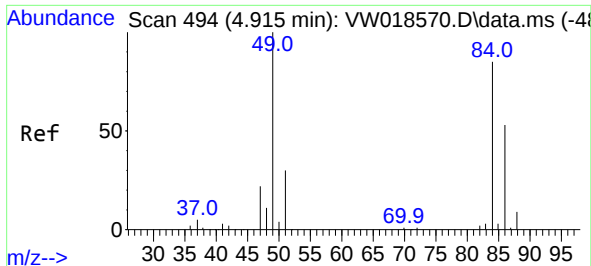
Tgt Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
58 20.7 0.0 62.2



#14
Carbon disulfide
Concen: 0.31 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018588.D
Acq: 07 Apr 2021 18:06

Tgt Ion: 76 Resp: 7333
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2

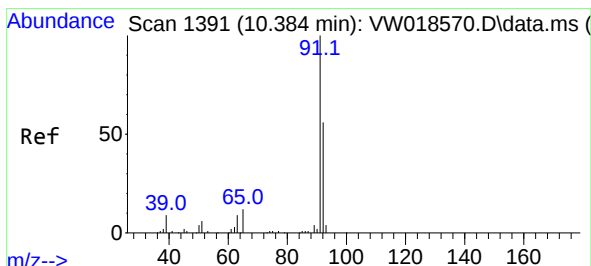
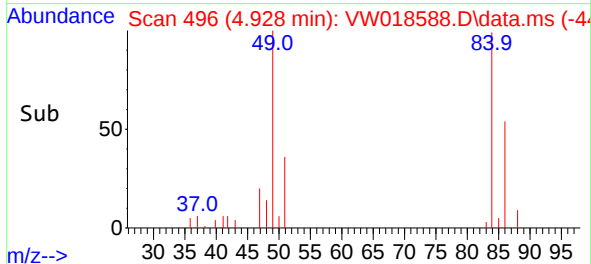
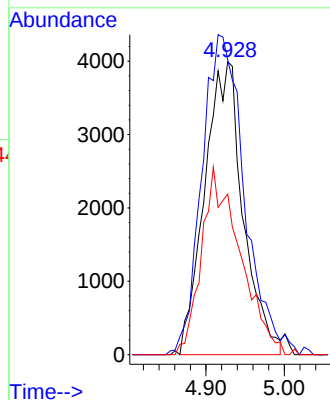
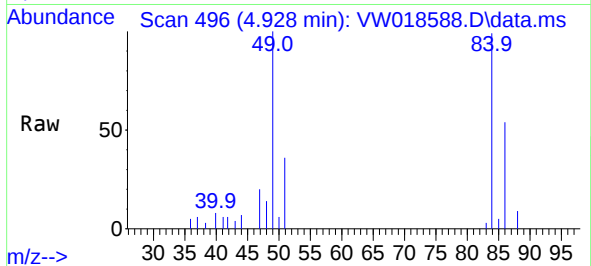




#16
Methylene chloride
Concen: 1.31 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018588.D
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Instrument :
MSVOA_W
ClientSampled :
BG5B1

Tgt Ion: 84 Resp: 13605
Ion Ratio Lower Upper
84 100
49 100.7 74.4 138.2
86 54.8 46.1 85.7



#44
Toluene
Concen: 0.25 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018588.D
Acq: 07 Apr 2021 18:06

Tgt Ion: 91 Resp: 9363
Ion Ratio Lower Upper
91 100
92 55.5 42.3 78.5

