

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018516.D
 Acq On : 31 Mar 2021 16:47
 Operator : SY/VA
 Sample : M1859-09
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG548

Quant Time: Apr 01 02:06:38 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

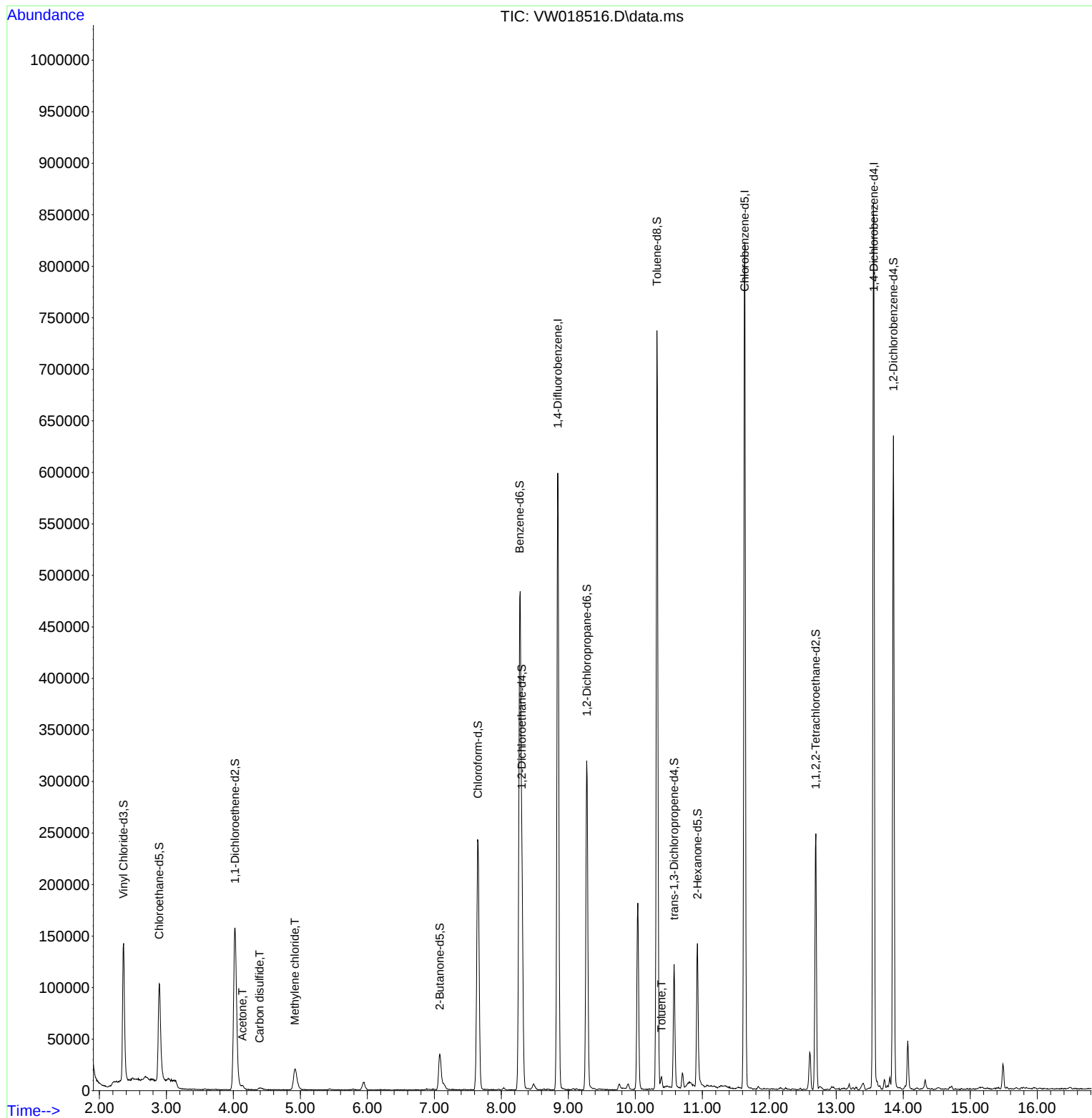
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	487166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	439796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	213920	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166163	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
7) Chloroethane-d5	2.891	69	131551	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.68%
10) 1,1-Dichloroethene-d2	4.025	63	177108	15.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.52%
20) 2-Butanone-d5	7.080	46	58318	38.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.28%
24) Chloroform-d	7.653	84	241985	19.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	8.305	65	149856	20.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.76%
29) Benzene-d6	8.275	84	496179	21.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.88%
33) 1,2-Dichloropropane-d6	9.274	67	141295	20.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.80%
37) Toluene-d8	10.323	98	477817	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.92%
38) trans-1,3-Dichloroprop...	10.579	79	62902	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.32%
39) 2-Hexanone-d5	10.927	63	46162	34.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.96%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	115041	19.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.28%
61) 1,2-Dichlorobenzene-d4	13.853	152	151276	19.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.56%
Target Compounds						
13) Acetone	4.135	43	6098	5.62	ug/L	79
14) Carbon disulfide	4.391	76	3732	0.20	ug/L #	94
16) Methylene chloride	4.915	84	16919	2.12	ug/L	93
44) Toluene	10.390	91	7670	0.26	ug/L	98

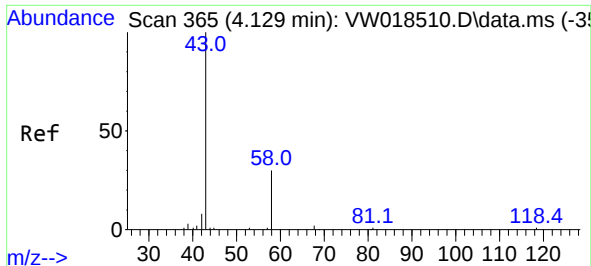
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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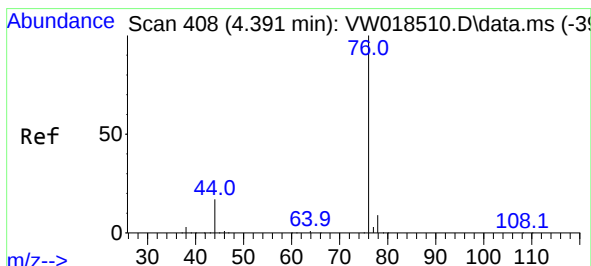
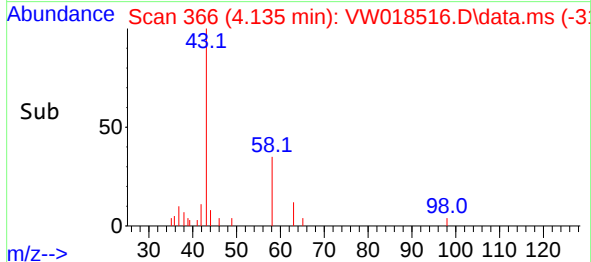
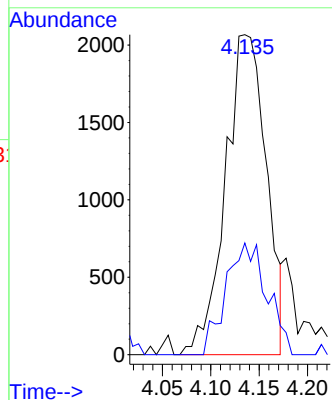
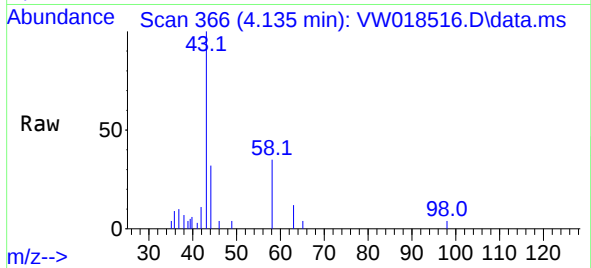




#13
Acetone
Concen: 5.62 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018516.D
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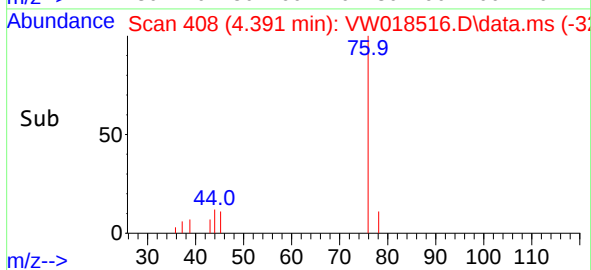
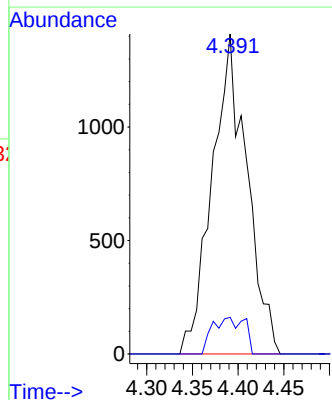
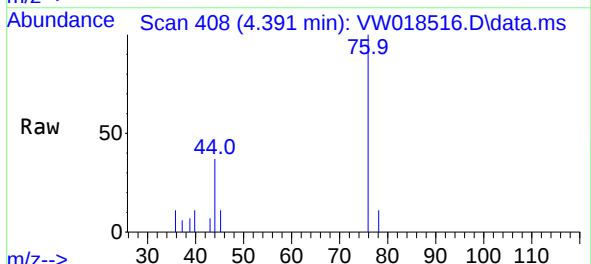
Instrument :
MSVOA_W
ClientSampled :
BG548

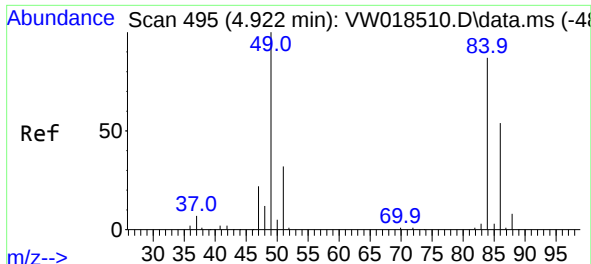
Tgt Ion: 43 Resp: 6098
Ion Ratio Lower Upper
43 100
58 19.5 0.0 62.2



#14
Carbon disulfide
Concen: 0.20 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

Tgt Ion: 76 Resp: 3732
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.2#

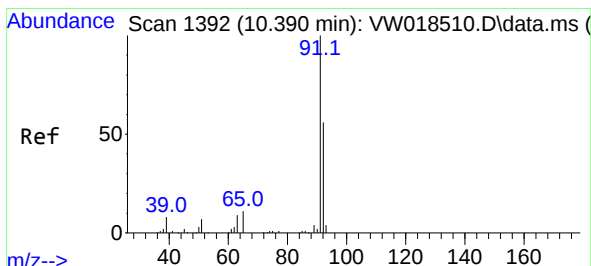
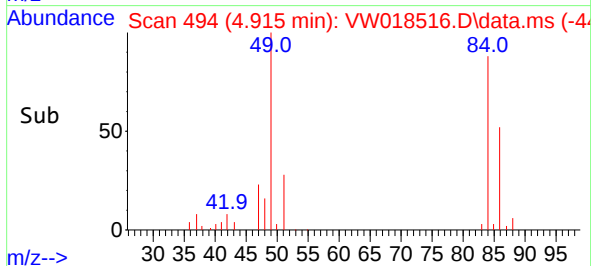
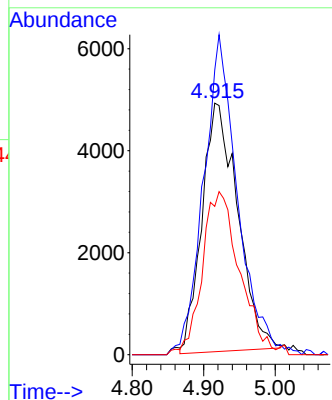
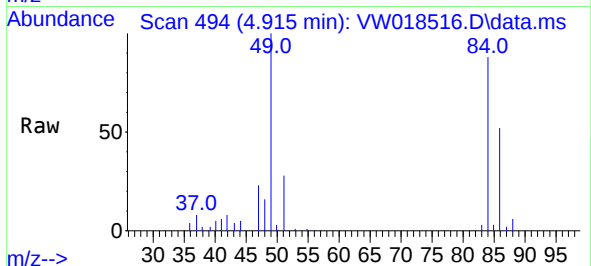




#16
Methylene chloride
Concen: 2.12 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018516.D
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Instrument :
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ClientSampled :
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Tgt Ion: 84 Resp: 16919
Ion Ratio Lower Upper
84 100
49 113.2 74.4 138.2
86 58.9 46.1 85.7



#44
Toluene
Concen: 0.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018516.D
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Tgt Ion: 91 Resp: 7670
Ion Ratio Lower Upper
91 100
92 59.0 42.3 78.5

