

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018519.D
 Acq On : 31 Mar 2021 17:58
 Operator : SY/VA
 Sample : M1859-12
 Misc : 5.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG551

Quant Time: Apr 01 02:07:32 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)

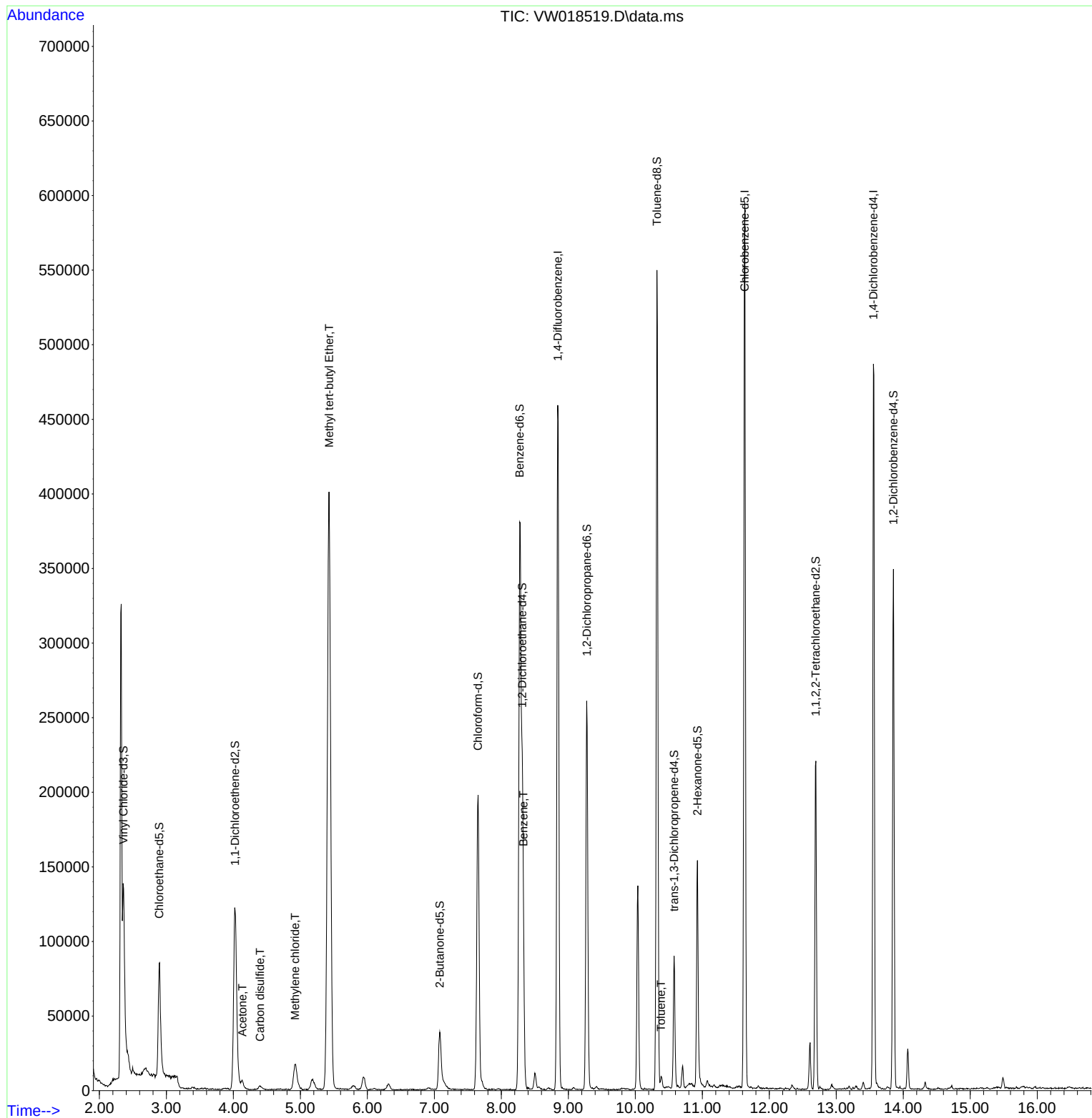
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	386174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	122581	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134610	25.05	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	100.20%		
7) Chloroethane-d5	2.891	69	103216	21.94	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	87.76%		
10) 1,1-Dichloroethene-d2	4.025	63	136676	14.73	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	58.92%		
20) 2-Butanone-d5	7.080	46	63155	52.79	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	105.58%		
24) Chloroform-d	7.653	84	195394	19.87	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	79.48%		
26) 1,2-Dichloroethane-d4	8.311	65	125640	21.88	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	87.52%		
29) Benzene-d6	8.275	84	390303	23.16	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	92.64%		
33) 1,2-Dichloropropane-d6	9.274	67	115034	23.66	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	94.64%		
37) Toluene-d8	10.323	98	355690	21.92	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	87.68%		
38) trans-1,3-Dichloroprop...	10.579	79	46849	18.69	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	74.76%		
39) 2-Hexanone-d5	10.927	63	49863	52.41	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	104.82%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	106609	24.52	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	98.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	85646	19.65	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	78.60%		
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	9389	10.92	ug/L	99
14) Carbon disulfide	4.397	76	4478	0.31	ug/L	96
16) Methylene chloride	4.922	84	15618	2.47	ug/L	92
17) Methyl tert-butyl Ether	5.428	73	662548	93.55	ug/L	99
34) Benzene	8.330	78	86963	4.74	ug/L	100
44) Toluene	10.384	91	5608	0.27	ug/L	86

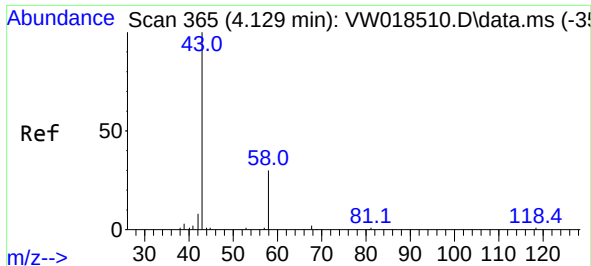
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 01 02:04:50 2021
Response via : Initial Calibration

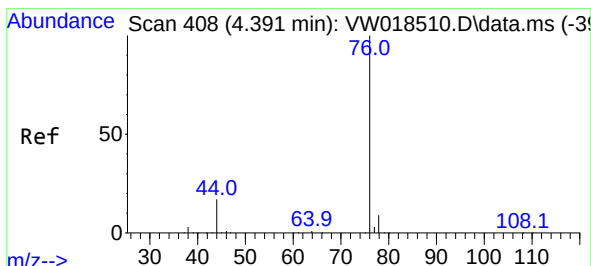
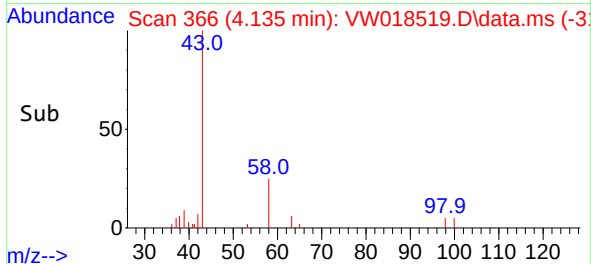
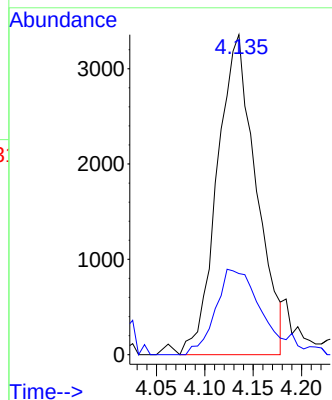
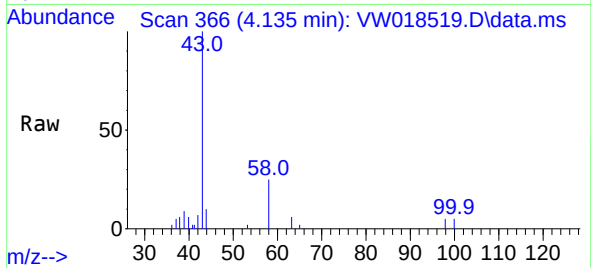




#13
Acetone
Concen: 10.92 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018519.D
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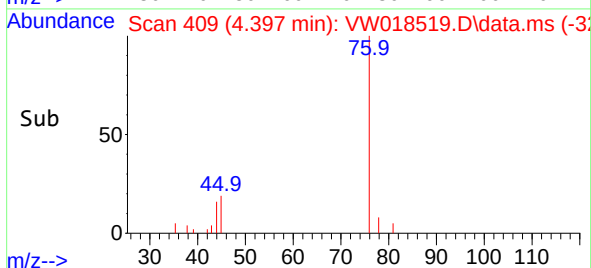
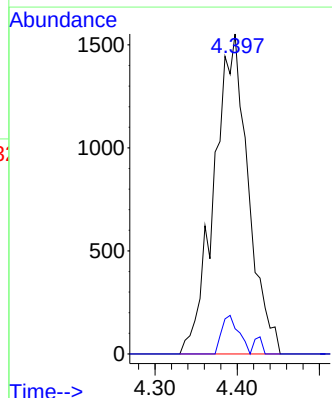
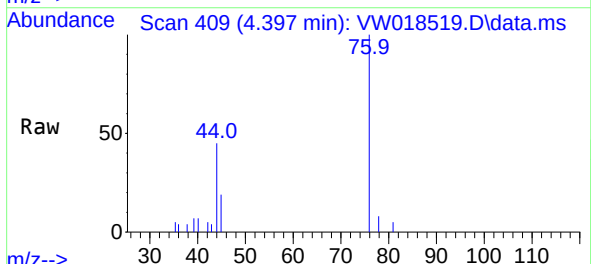
Instrument :
MSVOA_W
ClientSampled :
BG551

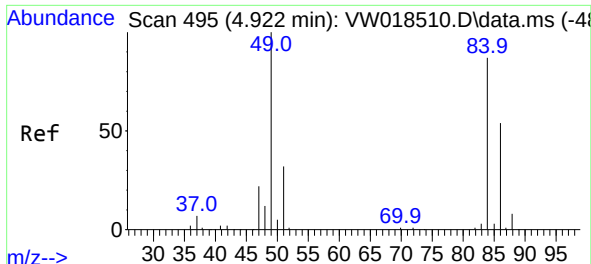
Tgt Ion: 43 Resp: 9389
Ion Ratio Lower Upper
43 100
58 30.4 0.0 62.2



#14
Carbon disulfide
Concen: 0.31 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

Tgt Ion: 76 Resp: 4478
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

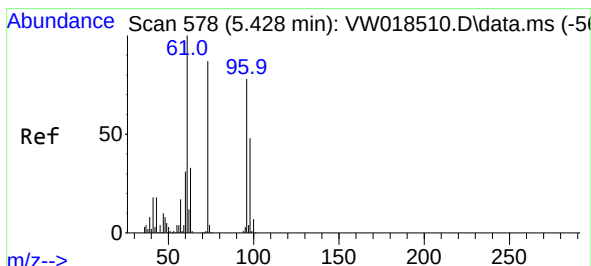
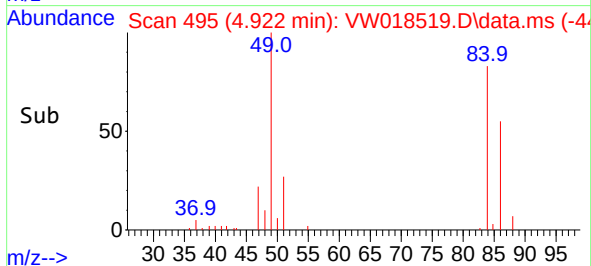
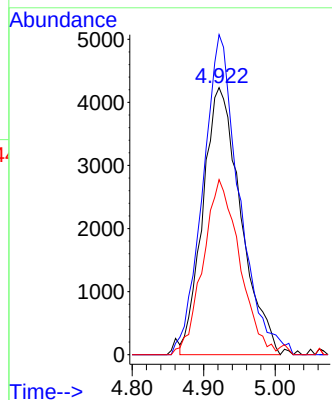
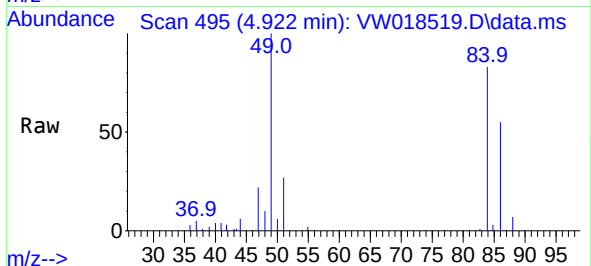




#16
Methylene chloride
Concen: 2.47 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018519.D
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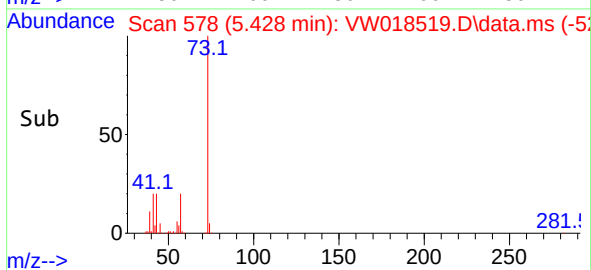
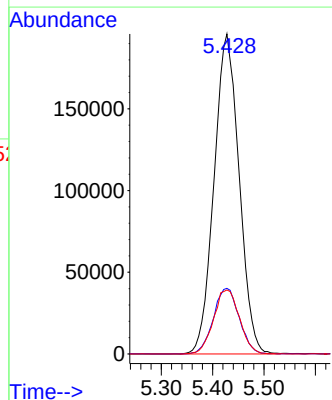
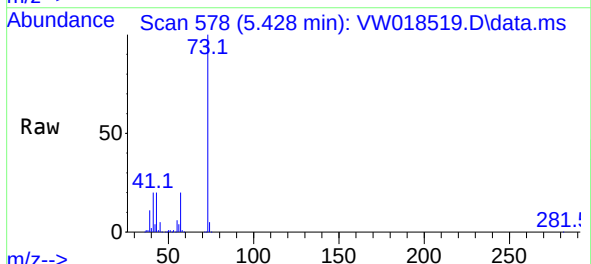
Instrument :
MSVOA_W
ClientSampled :
BG551

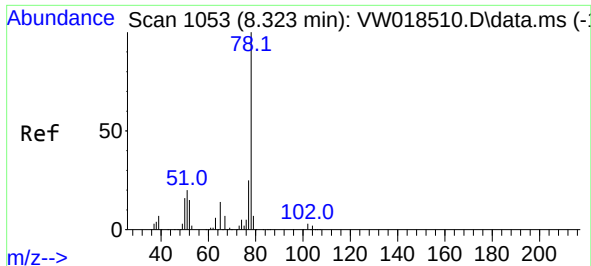
Tgt Ion:	84	Resp:	15618
Ion	Ratio	Lower	Upper
84	100		
49	119.8	74.4	138.2
86	65.5	46.1	85.7



#17
Methyl tert-butyl Ether
Concen: 93.55 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

Tgt Ion:	73	Resp:	662548
Ion	Ratio	Lower	Upper
73	100		
43	21.2	16.6	24.8
57	20.7	15.9	23.9





#34

Benzene

Concen: 4.74 ug/L

RT: 8.330 min Scan# 1054

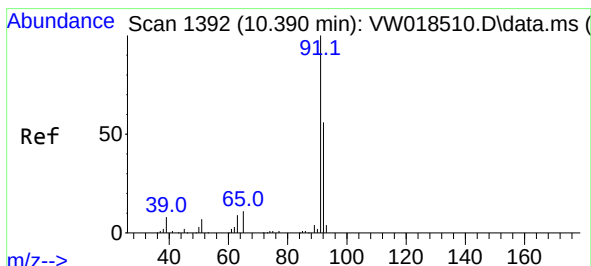
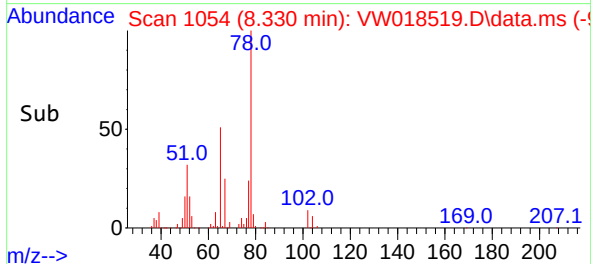
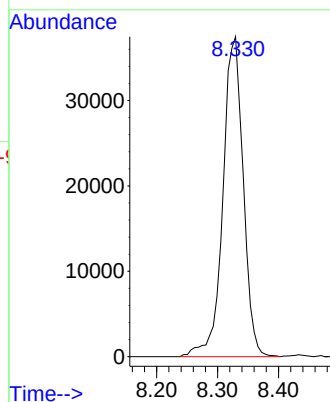
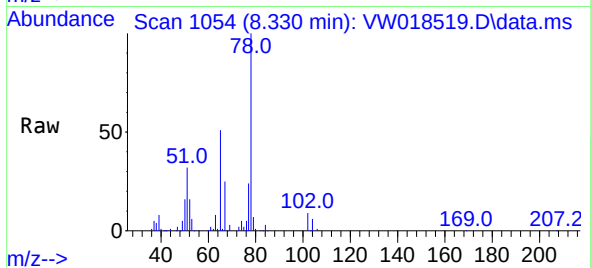
Delta R.T. 0.006 min

Lab File: VW018519.D

Acq: 31 Mar 2021 17:58

Tgt Ion: 78 Resp: 86963

Instrument :
MSVOA_W
ClientSampleId :
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#44

Toluene

Concen: 0.27 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW018519.D

Acq: 31 Mar 2021 17:58

Tgt Ion: 91 Resp: 5608

Ion Ratio Lower Upper

91 100

92 50.1 42.3 78.5

