

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018522.D
 Acq On : 31 Mar 2021 19:10
 Operator : SY/VA
 Sample : M1859-15
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG554

Manual Integrations
 APPROVED

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 4/6/2021 1:04:26 PM

Quant Time: Apr 01 02:08:27 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	477297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	431933	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	187367	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	158404	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.40%		
7) Chloroethane-d5	2.891	69	129371	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.00%		
10) 1,1-Dichloroethene-d2	4.025	63	174019	15.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.68%		
20) 2-Butanone-d5	7.080	46	57950	39.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.38%		
24) Chloroform-d	7.647	84	244464	20.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.44%		
26) 1,2-Dichloroethane-d4	8.305	65	151983	21.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.68%		
29) Benzene-d6	8.281	84	487806	21.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.96%		
33) 1,2-Dichloropropane-d6	9.274	67	140194	21.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.68%		
37) Toluene-d8	10.323	98	460976	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.40%		
38) trans-1,3-Dichloroprop...	10.579	79	58462	17.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.44%		
39) 2-Hexanone-d5	10.927	63	46964	36.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.46%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	114747	19.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	136860	20.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.20%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	8144m	7.67	ug/L	
14) Carbon disulfide	4.385	76	21727	1.20	ug/L	96
16) Methylene chloride	4.928	84	19081	2.44	ug/L	96
17) Methyl tert-butyl Ether	5.428	73	1231435	140.69	ug/L	99
44) Toluene	10.390	91	7569	0.27	ug/L	85

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

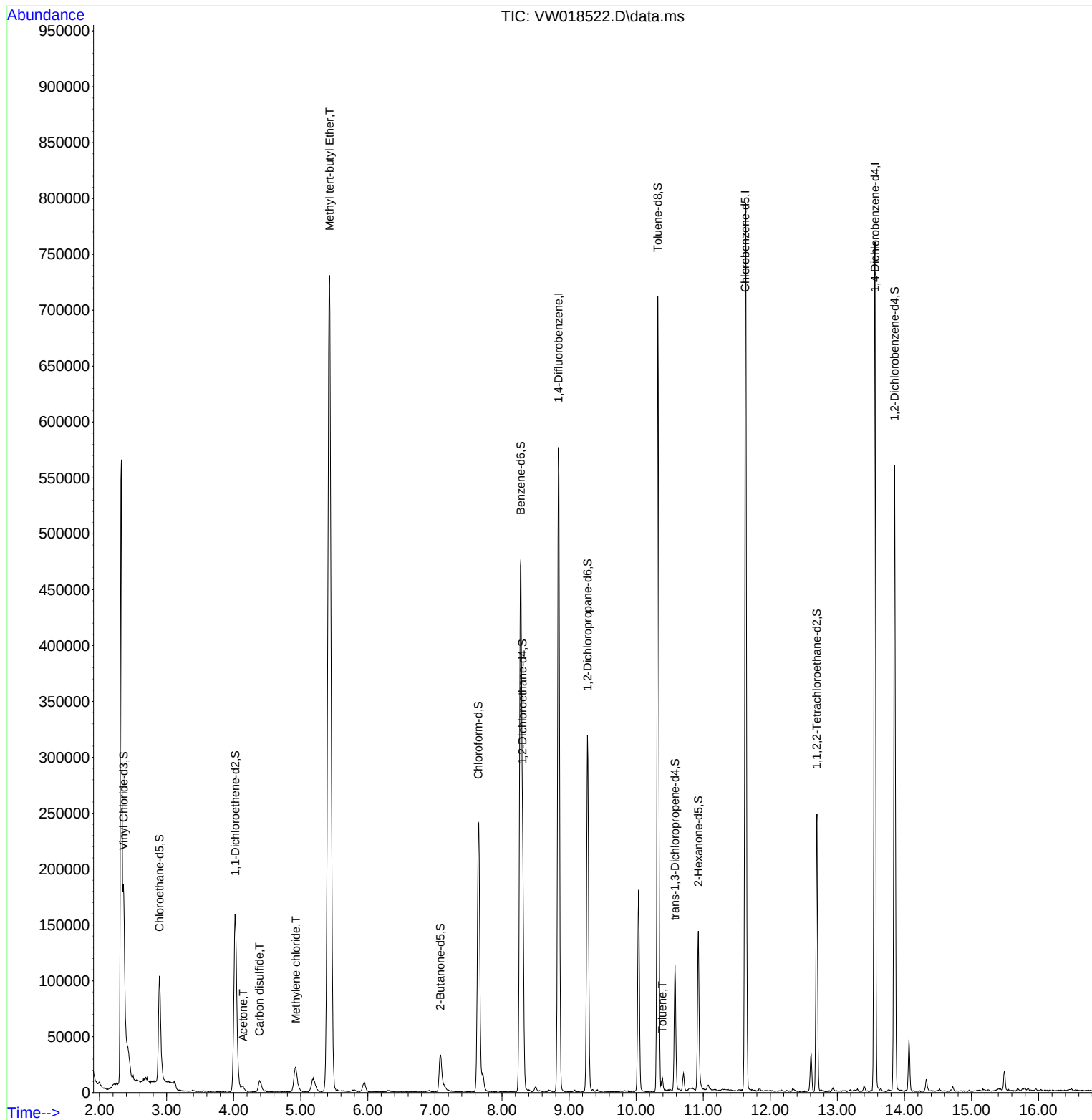
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
Data File : VW018522.D
Acq On : 31 Mar 2021 19:10
Operator : SY/VA
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Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

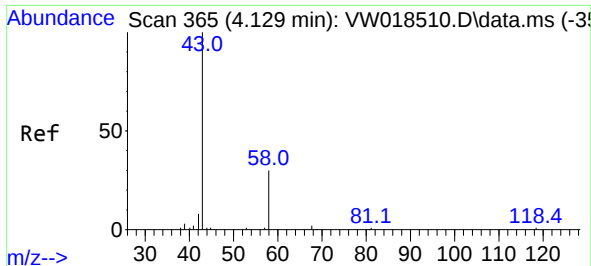
Instrument :
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ClientSampleId :
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Quant Time: Apr 01 02:08:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 01 02:04:50 2021
Response via : Initial Calibration





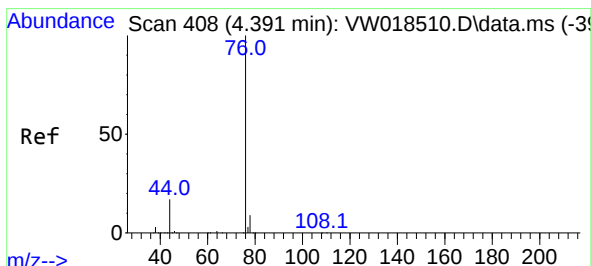
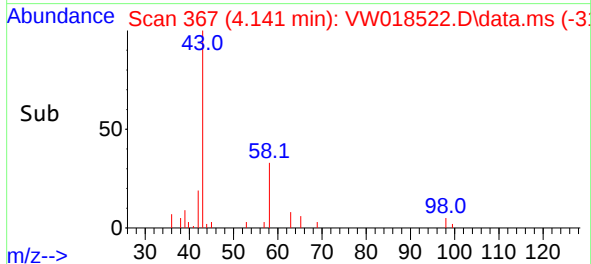
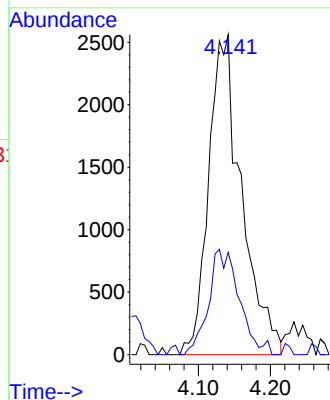
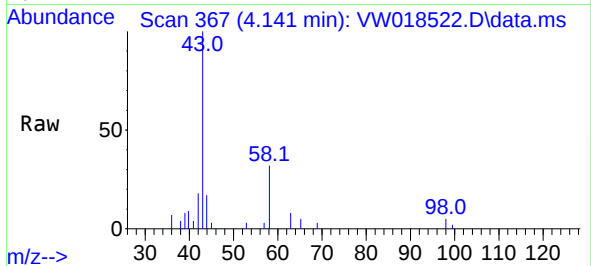
#13
Acetone
Concen: 7.67 ug/L m
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

Tgt Ion: 43 Resp: 8144
Ion Ratio Lower Upper
43 100
58 16.3 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG554

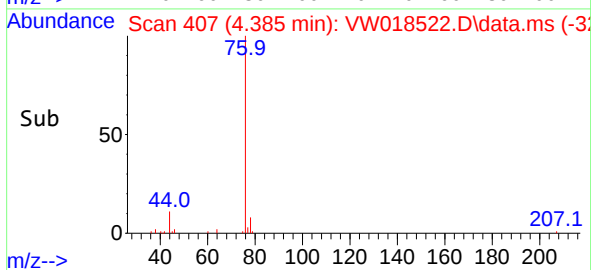
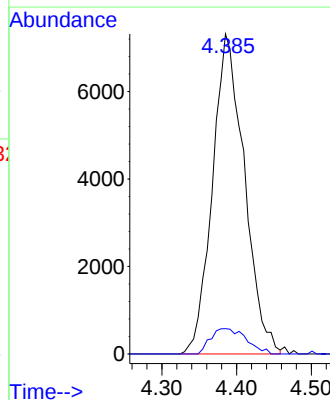
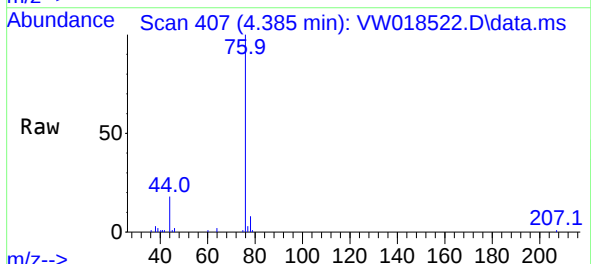
Manual Integrations
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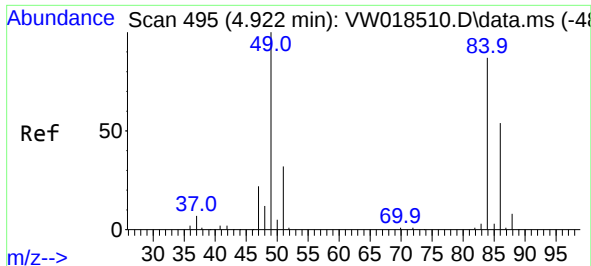
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#14
Carbon disulfide
Concen: 1.20 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

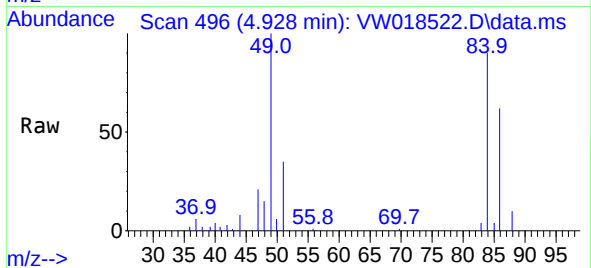
Tgt Ion: 76 Resp: 21727
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2





#16
Methylene chloride
Concen: 2.44 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

Instrument :
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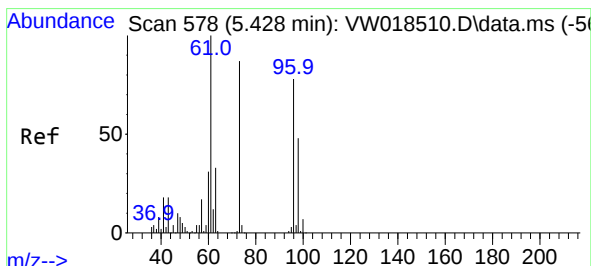
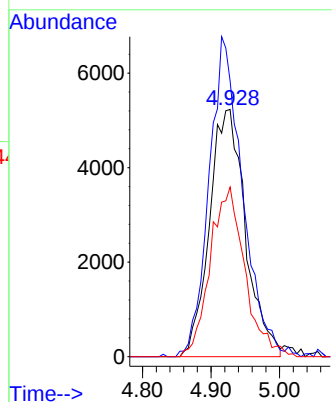


Tgt Ion: 84 Resp: 19081

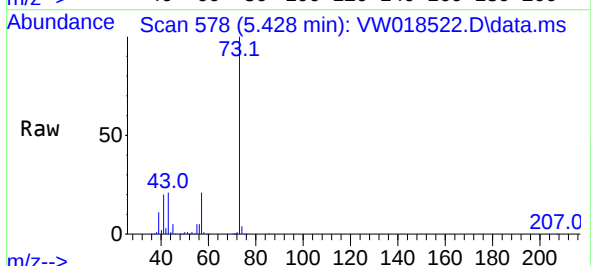
Ion	Ratio	Lower	Upper
84	100		
49	111.5	74.4	138.2
86	68.6	46.1	85.7

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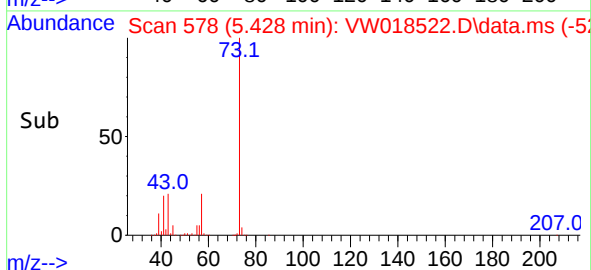
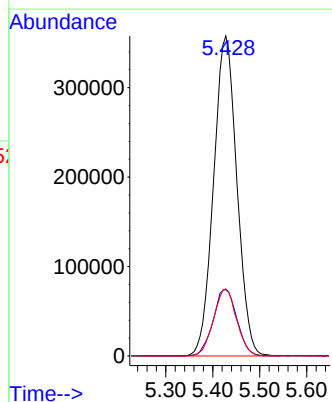


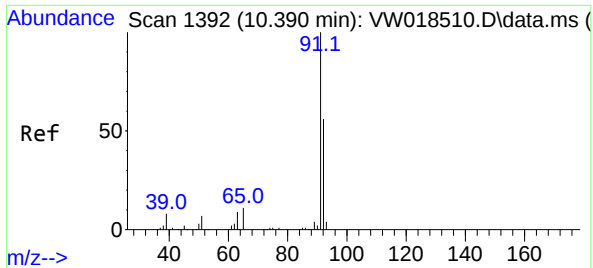
#17
Methyl tert-butyl Ether
Concen: 140.69 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10



Tgt Ion: 73 Resp: 1231435

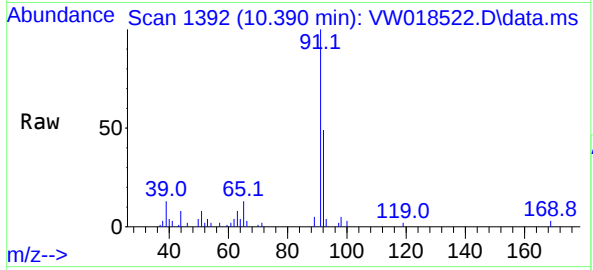
Ion	Ratio	Lower	Upper
73	100		
43	21.2	16.6	24.8
57	20.7	15.9	23.9





#44
Toluene
Concen: 0.27 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

Instrument :
MSVOA_W
ClientSampled :
BG554



Tgt Ion: 91 Resp: 7569
Ion Ratio Lower Upper
91 100
92 49.4 42.3 78.5

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