

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018599.D
 Acq On : 08 Apr 2021 13:32
 Operator : SY/VA
 Sample : M1968-06
 Misc : 5.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5B0

Manual Integrations
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 4/9/2021 7:55:36 PM

Quant Time: Apr 09 03:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	375078	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	141263	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114609	18.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.76%			
7) Chloroethane-d5	2.898	69	98515	17.86	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.44%			
10) 1,1-Dichloroethene-d2	4.025	63	135235	12.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.72%			
20) 2-Butanone-d5	7.086	46	65597	46.77	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.54%			
24) Chloroform-d	7.653	84	203895	17.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 70.72%			
26) 1,2-Dichloroethane-d4	8.305	65	126462	18.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%			
29) Benzene-d6	8.275	84	396609	19.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.56%			
33) 1,2-Dichloropropane-d6	9.274	67	114652	19.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.72%			
37) Toluene-d8	10.323	98	368279	19.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.72%			
38) trans-1,3-Dichloroprop...	10.579	79	44751	15.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 60.36%			
39) 2-Hexanone-d5	10.927	63	50136	44.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.08%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	109780	21.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.36%			
61) 1,2-Dichlorobenzene-d4	13.853	152	88067	17.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.16%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	27292	3.17	ug/L	87
13) Acetone	4.129	43	13029	12.93	ug/L	99
14) Carbon disulfide	4.391	76	34118	1.99	ug/L	99
16) Methylene chloride	4.928	84	13498m	1.82	ug/L	
44) Toluene	10.384	91	7281	0.29	ug/L	99

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

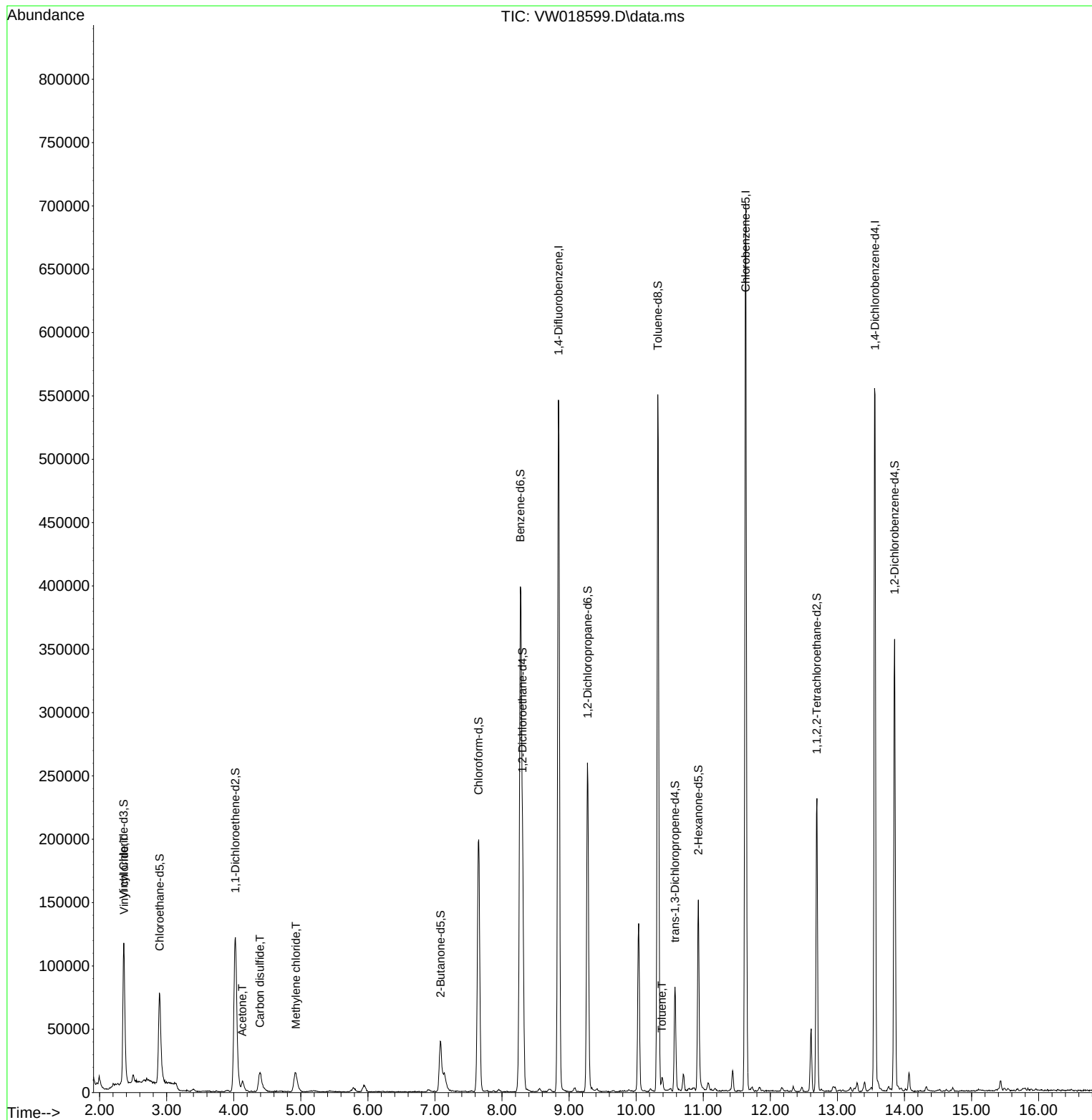
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
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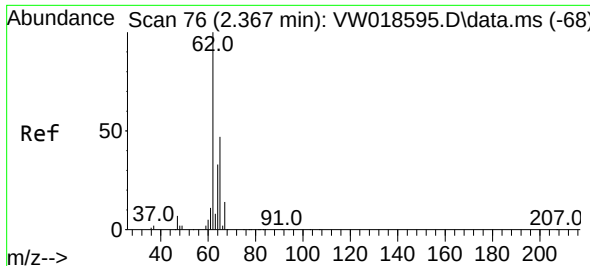
Instrument :
MSVOA_W
ClientSampleId :
BG5B0

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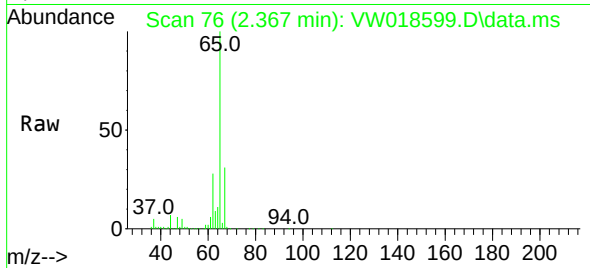
Quant Time: Apr 09 03:12:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 3.17 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018599.D
 Acq: 08 Apr 2021 13:32

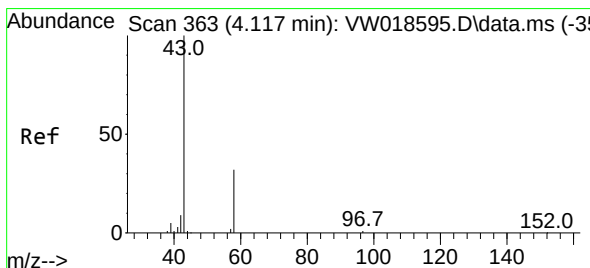
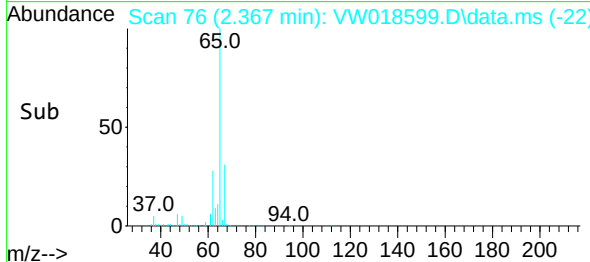
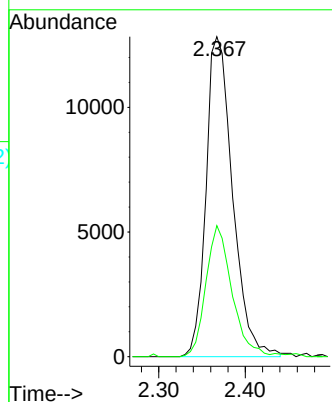
Instrument :
 MSVOA_W
 ClientSampleId :
 BG5B0



Tgt Ion: 62 Resp: 27292
 Ion Ratio Lower Upper
 62 100
 64 41.0 23.5 43.7

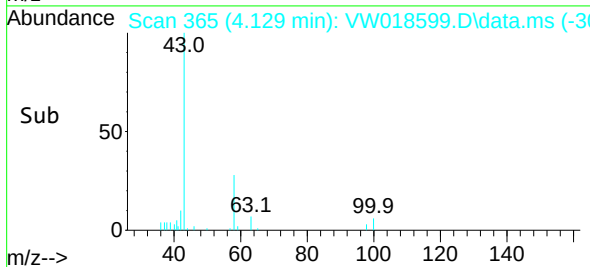
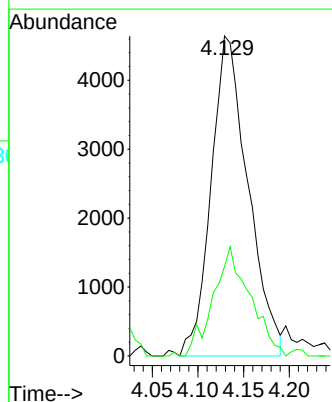
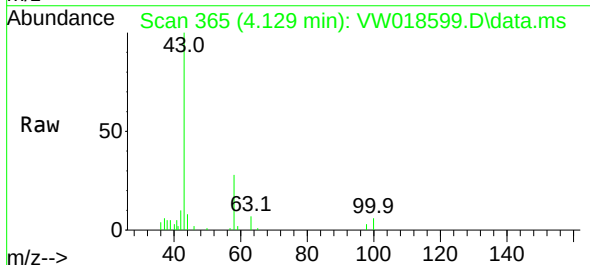
Manual Integrations
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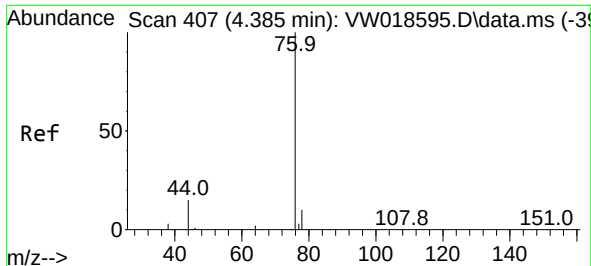
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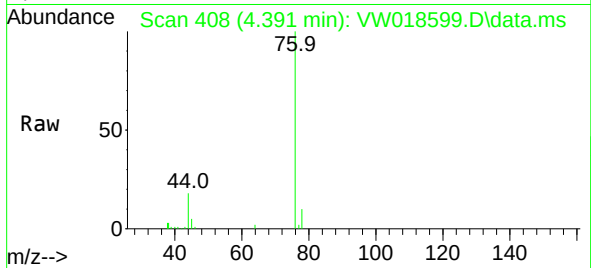
#13
 Acetone
 Concen: 12.93 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.012 min
 Lab File: VW018599.D
 Acq: 08 Apr 2021 13:32

Tgt Ion: 43 Resp: 13029
 Ion Ratio Lower Upper
 43 100
 58 31.5 0.0 62.2

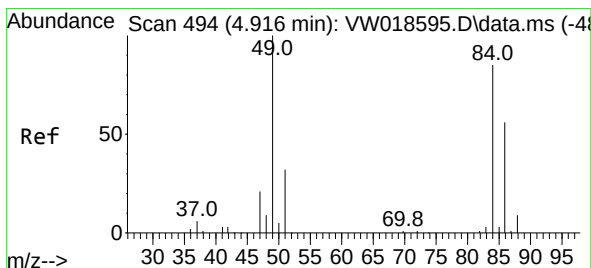
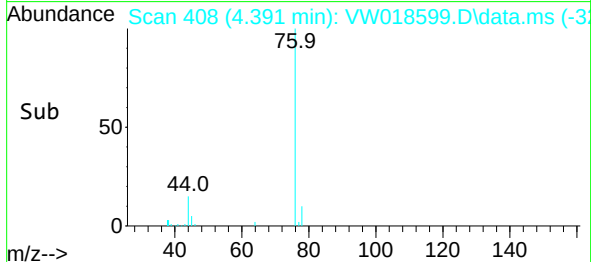
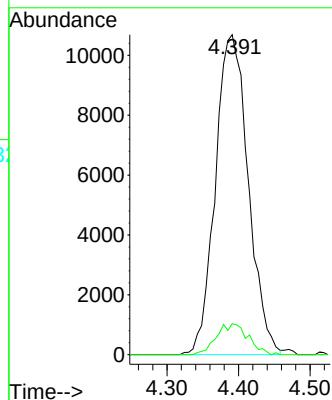




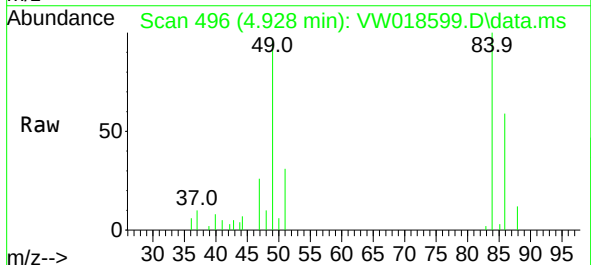
#14
Carbon disulfide
Concen: 1.99 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018599.D
Acq: 08 Apr 2021 13:32



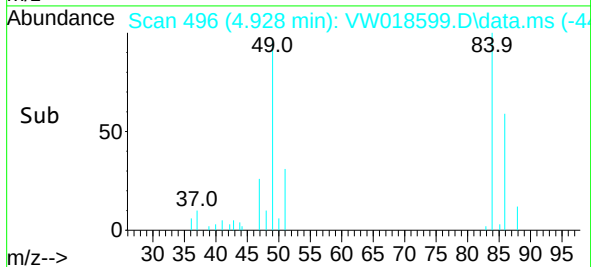
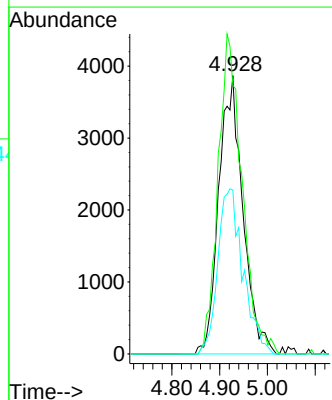
Tgt Ion: 76 Resp: 34118
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#16
Methylene chloride
Concen: 1.82 ug/L m
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018599.D
Acq: 08 Apr 2021 13:32



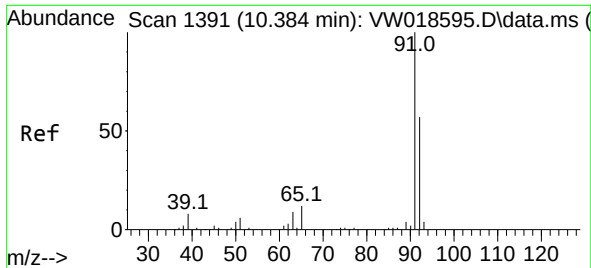
Tgt Ion: 84 Resp: 13498
Ion Ratio Lower Upper
84 100
49 96.5 74.4 138.2
86 58.9 46.1 85.7



Instrument :
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ClientSampled :
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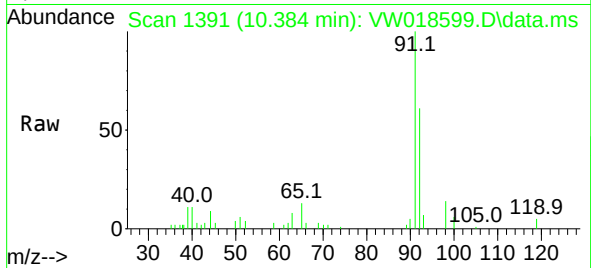
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#44
Toluene
Concen: 0.29 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018599.D
Acq: 08 Apr 2021 13:32

Instrument :
MSVOA_W
ClientSampled :
BG5B0



Tgt Ion: 91 Resp: 7281
Ion Ratio Lower Upper
91 100
92 61.0 42.3 78.5

Manual Integrations
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