

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018586.D
 Acq On : 07 Apr 2021 17:18
 Operator : SY/VA
 Sample : M1968-03
 Misc : 6.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A7

Manual Integrations
 APPROVED

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 4/9/2021 9:27:55 AM

Quant Time: Apr 08 05:38:15 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	8.841	114	438213	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	106200	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111089	18.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.88%		
7) Chloroethane-d5	2.891	69	88649	16.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.44%		
10) 1,1-Dichloroethene-d2	4.025	63	123869	11.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	47.04%		
20) 2-Butanone-d5	7.080	46	63085	46.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.94%		
24) Chloroform-d	7.653	84	189832	17.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.04%		
26) 1,2-Dichloroethane-d4	8.305	65	121762	18.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.76%		
29) Benzene-d6	8.274	84	373557	20.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.72%		
33) 1,2-Dichloropropane-d6	9.274	67	108354	20.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.16%		
37) Toluene-d8	10.323	98	330865	18.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.16%		
38) trans-1,3-Dichloroprop...	10.579	79	39828	14.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	58.56%		
39) 2-Hexanone-d5	10.926	63	46307	44.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.72%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	96806	20.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	64368	17.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	68.20%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	31214	3.75	ug/L	97
13) Acetone	4.135	43	13246	13.58	ug/L	91
14) Carbon disulfide	4.385	76	5521m	0.33	ug/L	
16) Methylene chloride	4.921	84	10795m	1.50	ug/L	
44) Toluene	10.384	91	6141	0.27	ug/L	87

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

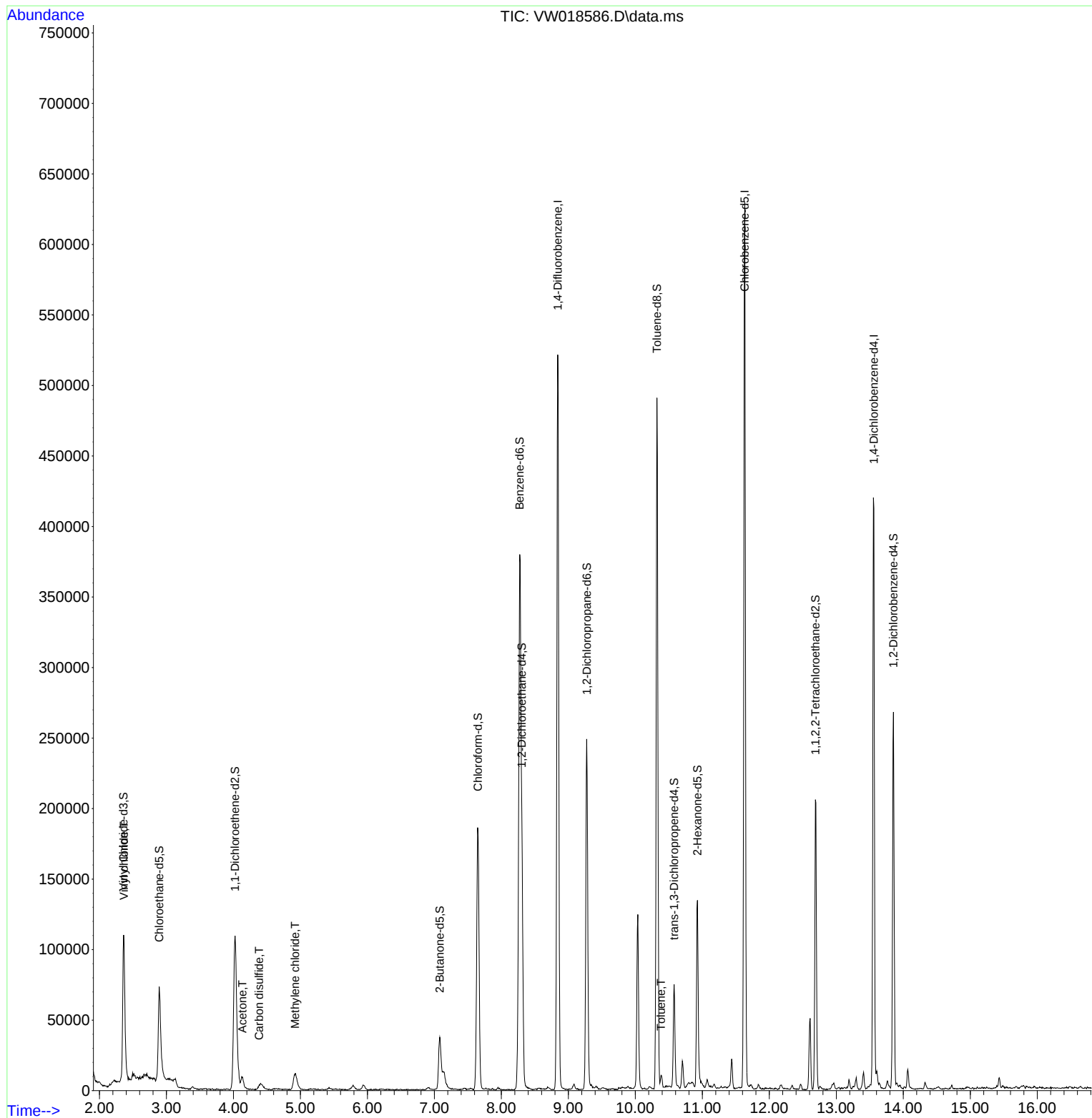
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018586.D
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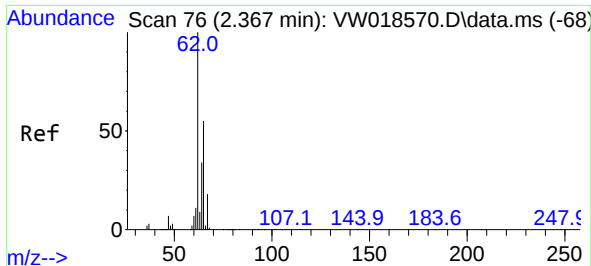
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Apr 08 05:38:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
Response via : Initial Calibration





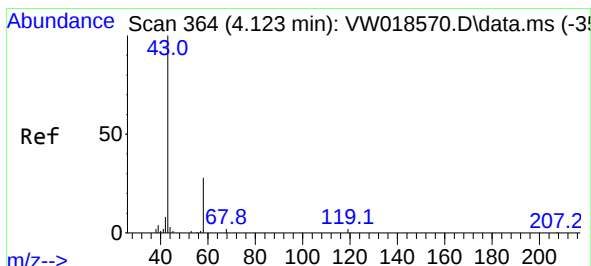
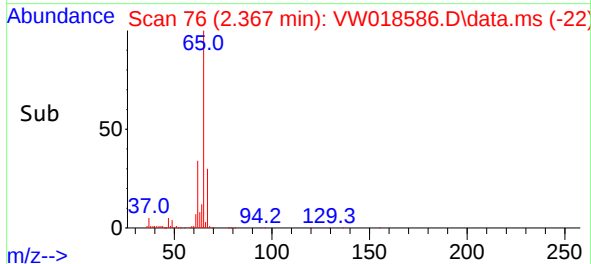
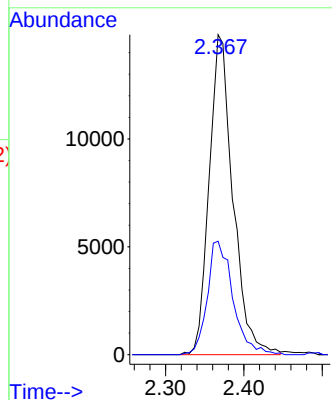
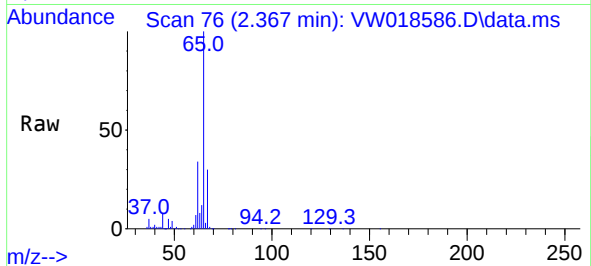
#5
 Vinyl chloride
 Concen: 3.75 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018586.D
 Acq: 07 Apr 2021 17:18

Tgt Ion: 62 Resp: 31214
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.5 43.7

Instrument :
 MSVOA_W
 ClientSampled :
 BG5A7

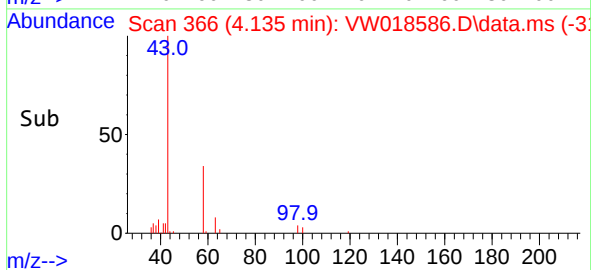
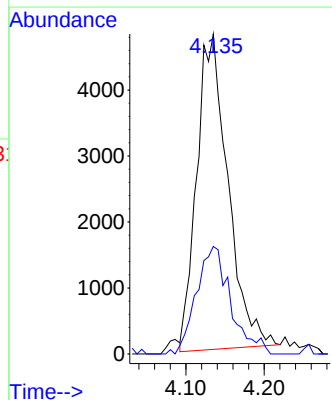
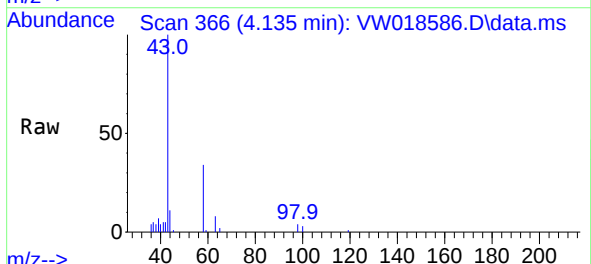
Manual Integrations
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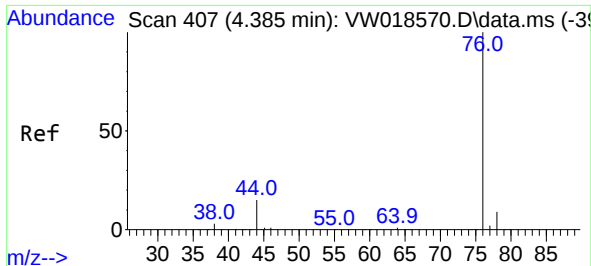
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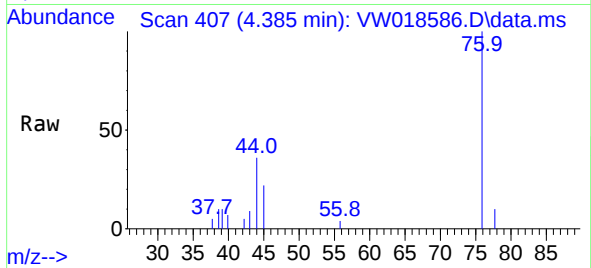
#13
 Acetone
 Concen: 13.58 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.012 min
 Lab File: VW018586.D
 Acq: 07 Apr 2021 17:18

Tgt Ion: 43 Resp: 13246
 Ion Ratio Lower Upper
 43 100
 58 36.2 0.0 62.2

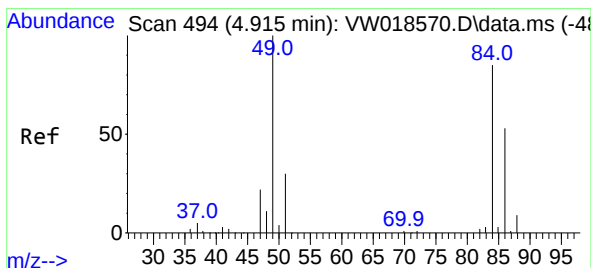
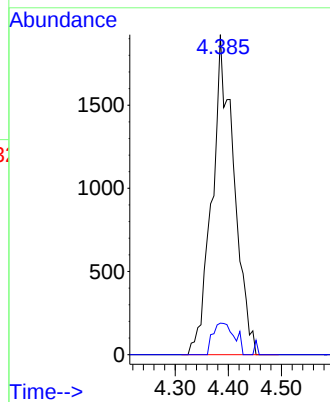
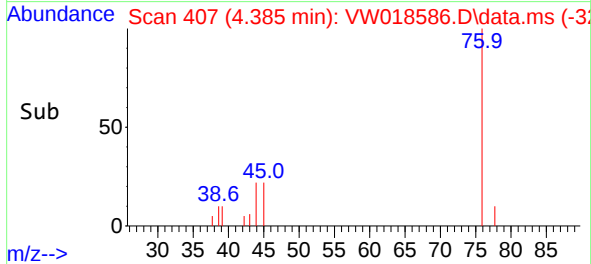




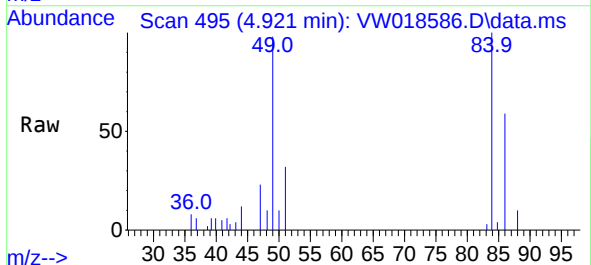
#14
Carbon disulfide
Concen: 0.33 ug/L m
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018586.D
Acq: 07 Apr 2021 17:18



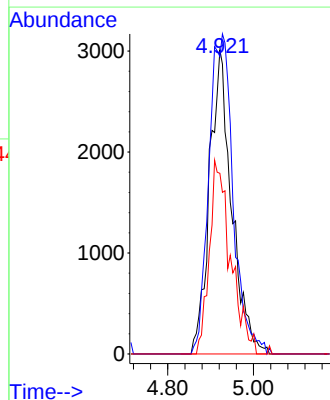
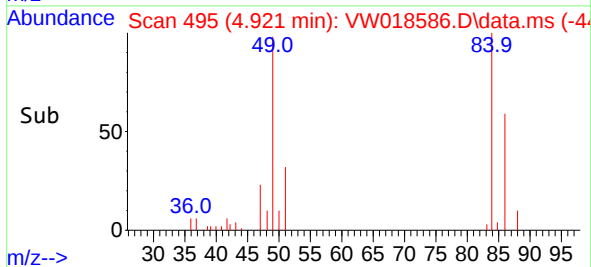
Tgt Ion: 76 Resp: 5521
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#16
Methylene chloride
Concen: 1.50 ug/L m
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018586.D
Acq: 07 Apr 2021 17:18



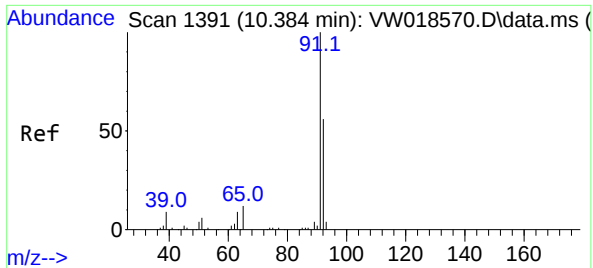
Tgt Ion: 84 Resp: 10795
Ion Ratio Lower Upper
84 100
49 97.9 74.4 138.2
86 59.4 46.1 85.7



Instrument :
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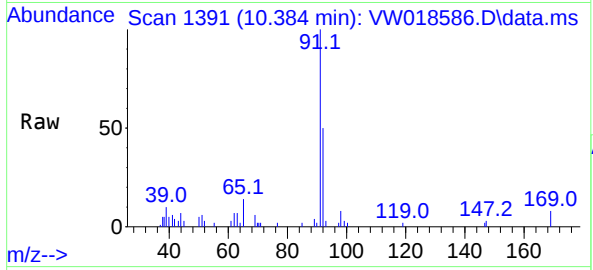
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#44
Toluene
Concen: 0.27 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018586.D
Acq: 07 Apr 2021 17:18

Instrument :
MSVOA_W
ClientSampleId :
BG5A7



Tgt Ion: 91 Resp: 6141
Ion Ratio Lower Upper
91 100
92 50.2 42.3 78.5

Manual Integrations
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