

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018385.D
 Acq On : 19 Mar 2021 13:41
 Operator : SY/VA
 Sample : M1685-08
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG494

Manual Integrations
 APPROVED

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 3/22/2021 4:14:00 PM

Quant Time: Mar 20 01:39:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	346378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	60538	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140749	29.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.80%			
7) Chloroethane-d5	2.891	69	124136	29.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.68%			
10) 1,1-Dichloroethene-d2	4.019	63	161085	19.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.44%			
20) 2-Butanone-d5	7.074	46	89302	83.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 166.44%#			
24) Chloroform-d	7.647	84	221787	25.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.56%			
26) 1,2-Dichloroethane-d4	8.305	65	142872	27.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.96%			
29) Benzene-d6	8.275	84	433078	33.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 133.76%			
33) 1,2-Dichloropropane-d6	9.274	67	125931	33.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 134.84%#			
37) Toluene-d8	10.323	98	363049	29.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.48%			
38) trans-1,3-Dichloroprop...	10.579	79	47186	24.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.96%			
39) 2-Hexanone-d5	10.927	63	71660	98.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 196.06%#			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	116710	34.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 139.72%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	55327	25.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.84%			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	6110	0.93	ug/L #	55
13) Acetone	4.123	43	16168	20.97	ug/L	98
14) Carbon disulfide	4.385	76	20884	1.59	ug/L	97
16) Methylene chloride	4.915	84	14183m	2.50	ug/L	
21) 2-Butanone	7.177	43	5749m	4.69	ug/L	

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

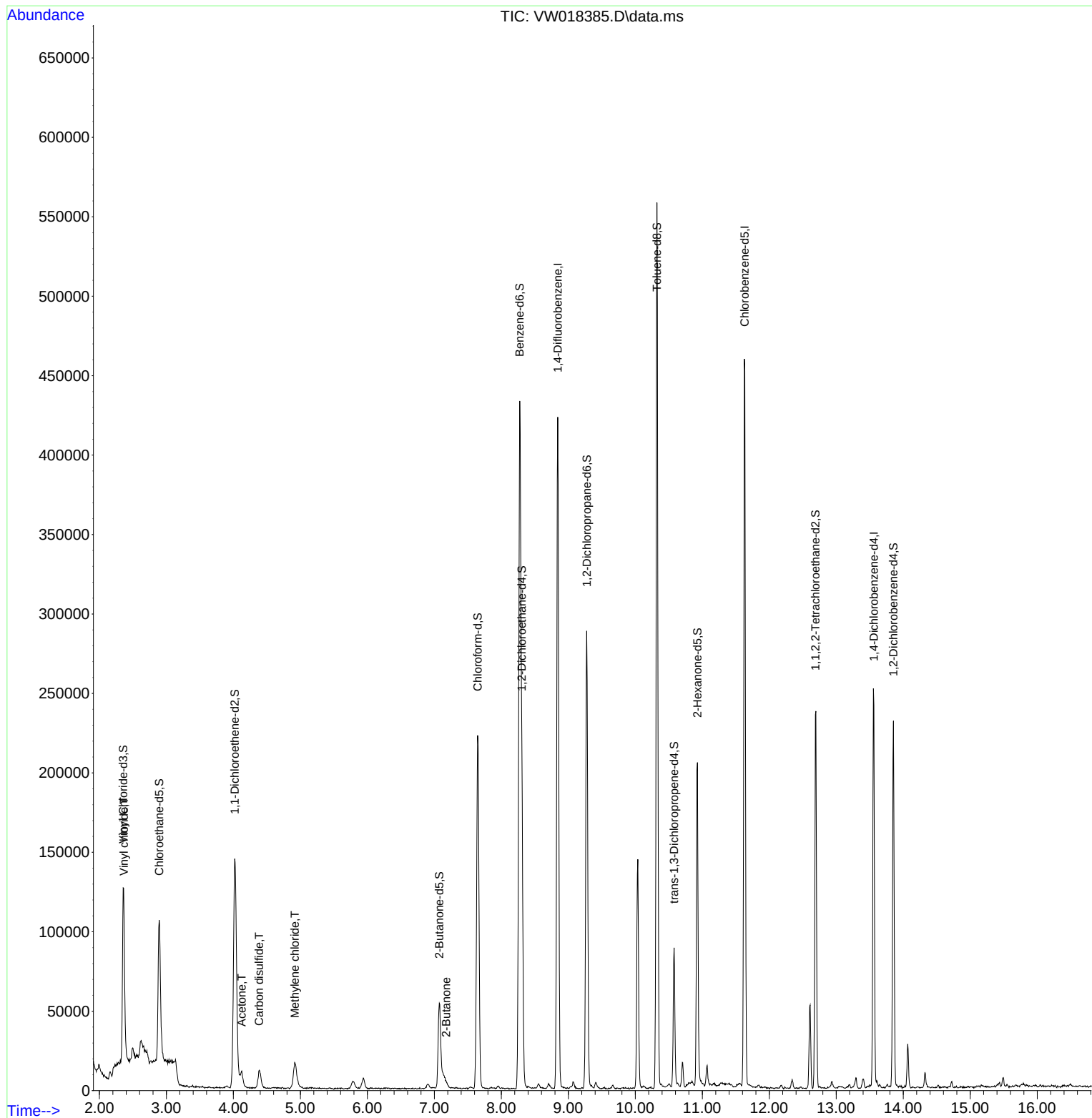
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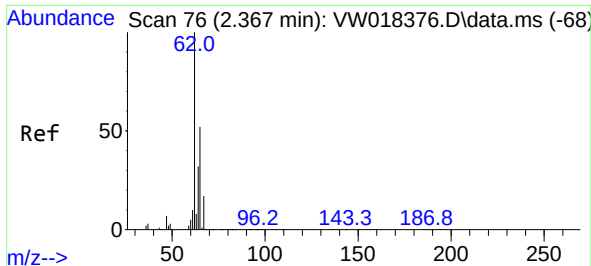
Instrument :
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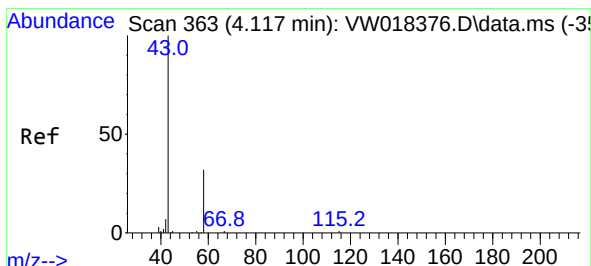
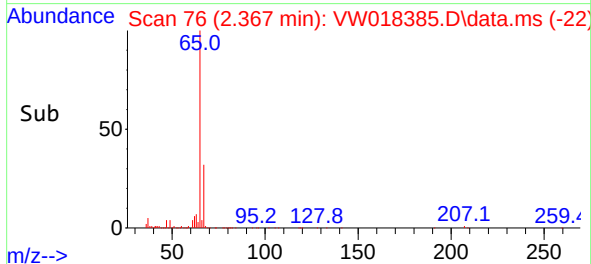
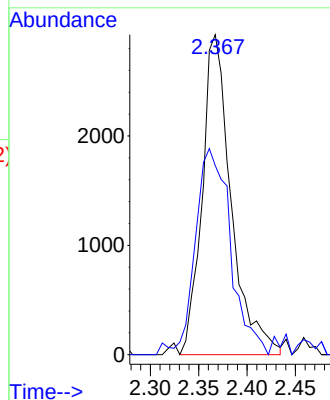
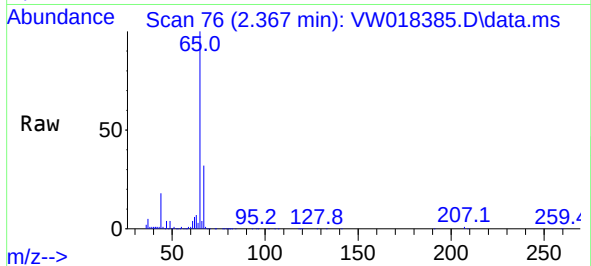
#5
 Vinyl chloride
 Concen: 0.93 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018385.D
 Acq: 19 Mar 2021 13:41

Tgt Ion: 62 Resp: 6110
 Ion Ratio Lower Upper
 62 100
 64 59.1 23.5 43.7#

Instrument :
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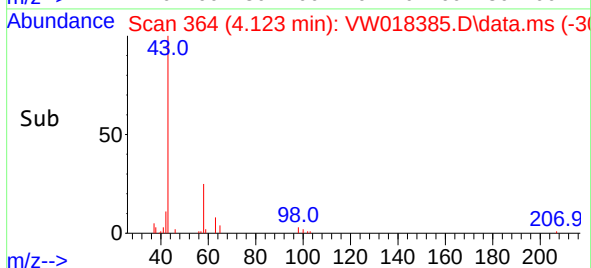
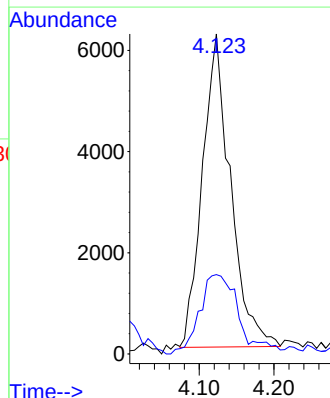
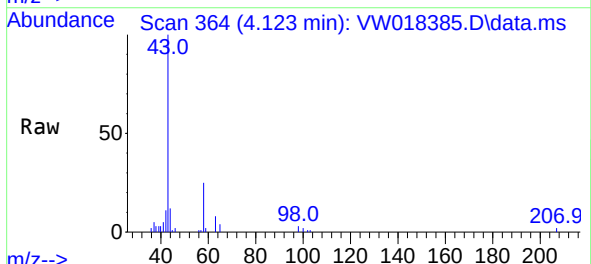
Manual Integrations
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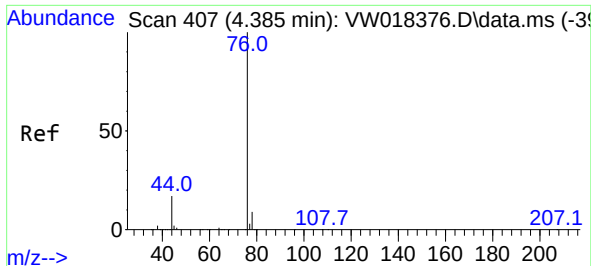
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#13
 Acetone
 Concen: 20.97 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018385.D
 Acq: 19 Mar 2021 13:41

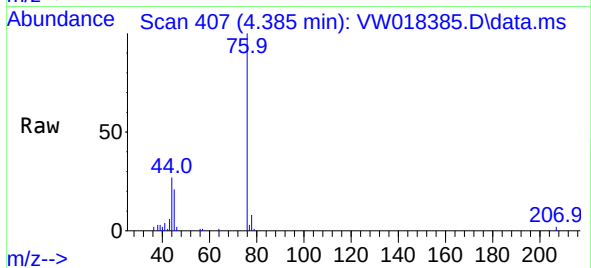
Tgt Ion: 43 Resp: 16168
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 62.2





#14
Carbon disulfide
Concen: 1.59 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018385.D
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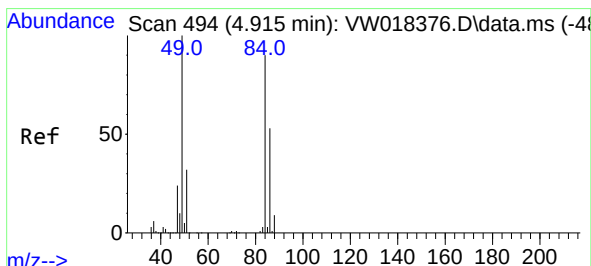
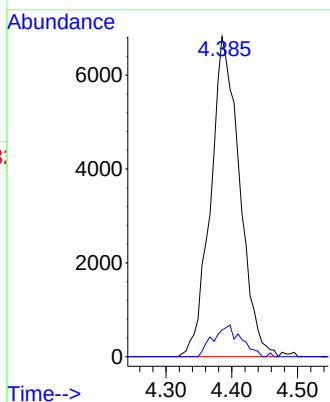
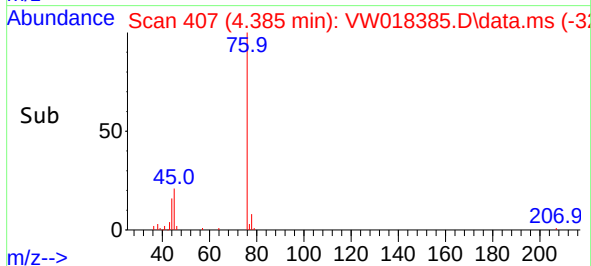
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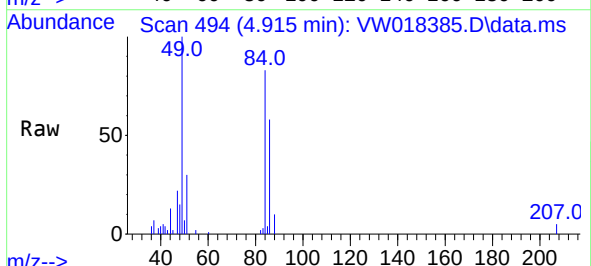
Tgt Ion: 76 Resp: 20884
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

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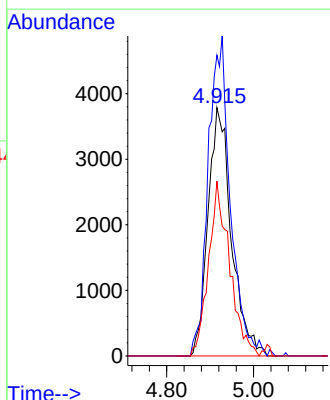
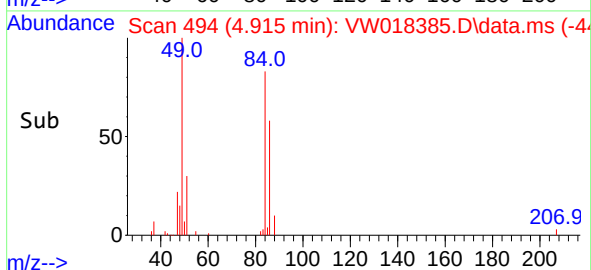
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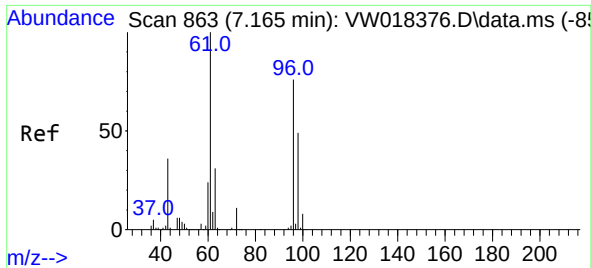


#16
Methylene chloride
Concen: 2.50 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018385.D
Acq: 19 Mar 2021 13:41



Tgt Ion: 84 Resp: 14183
Ion Ratio Lower Upper
84 100
49 121.0 74.4 138.2
86 70.3 46.1 85.7





#21
2-Butanone
Concen: 4.69 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018385.D
Acq: 19 Mar 2021 13:41

Tgt Ion: 43 Resp: 5749
Ion Ratio Lower Upper
43 100
72 16.8 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
BG494

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