

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018262.D
 Acq On : 09 Mar 2021 13:52
 Operator : SY/VA
 Sample : M1610-09
 Misc : 5.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG562

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 3:14:02 PM

Quant Time: Mar 10 02:15:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 10 02:13:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	250240	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	233682	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	101284	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	80891	29.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.40%		
7) Chloroethane-d5	2.898	69	63300	28.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	115.04%		
10) 1,1-Dichloroethene-d2	4.019	63	128599	20.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.68%		
20) 2-Butanone-d5	7.080	46	28169	43.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.44%		
24) Chloroform-d	7.653	84	177112	26.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.52%		
26) 1,2-Dichloroethane-d4	8.305	65	94485	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.28%		
29) Benzene-d6	8.275	84	327071	26.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.16%		
33) 1,2-Dichloropropane-d6	9.275	67	89373	25.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.72%		
37) Toluene-d8	10.323	98	314508	26.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.80%		
38) trans-1,3-Dichloroprop...	10.579	79	40406	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.60%		
39) 2-Hexanone-d5	10.921	63	24117	42.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.12%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	65291	22.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.60%		
61) 1,2-Dichlorobenzene-d4	13.853	152	99707	27.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.32%		
Target Compounds					Qvalue	
13) Acetone	4.147	43	1161m	2.31	ug/L	
16) Methylene chloride	4.922	84	8542	2.24	ug/L	96
35) Trichloroethene	9.098	95	4129	1.05	ug/L	98
47) Tetrachloroethene	10.866	164	264567	89.66	ug/L	98

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

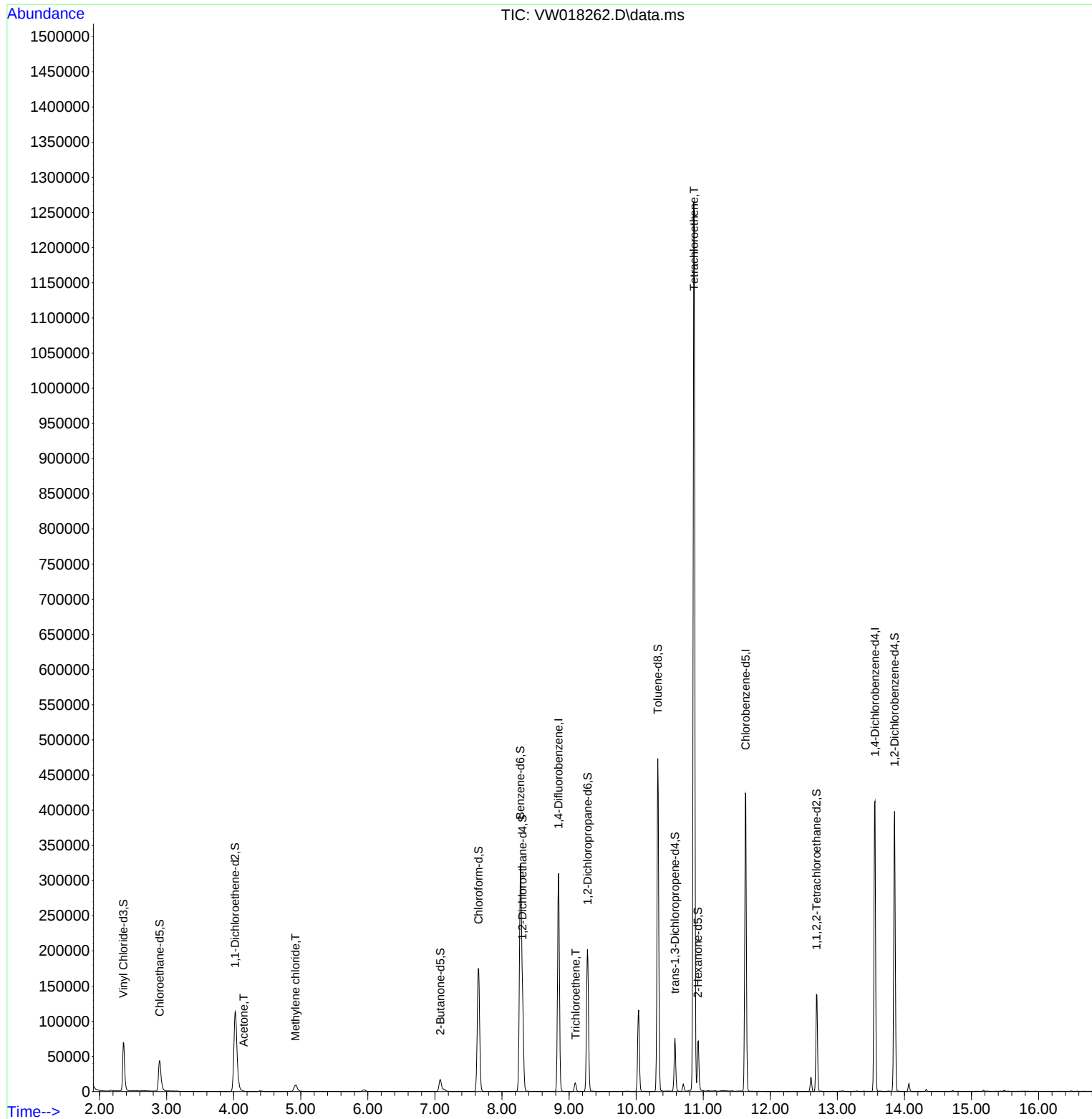
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
Data File : VW018262.D
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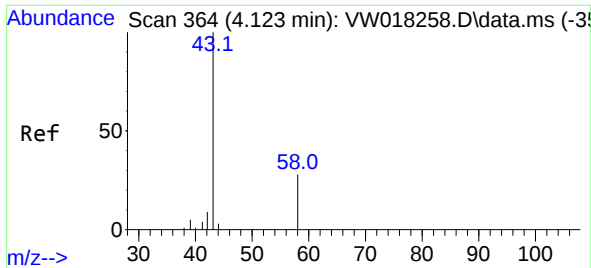
Instrument :
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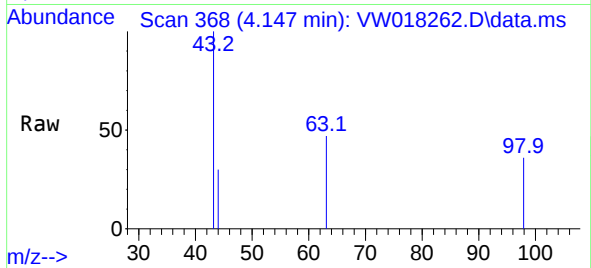
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QLast Update : Wed Mar 10 02:13:53 2021
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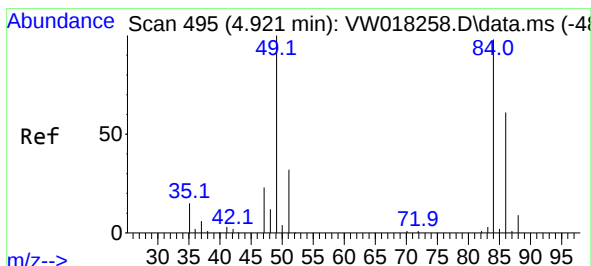
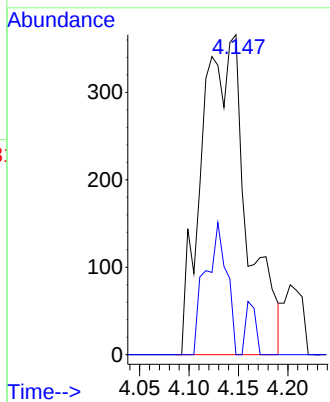
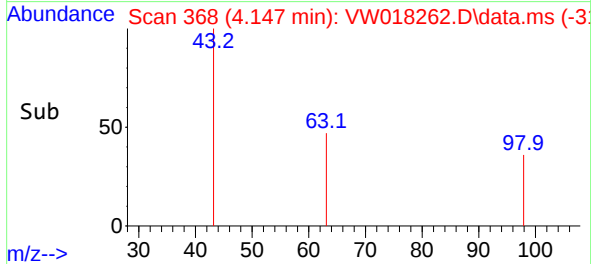




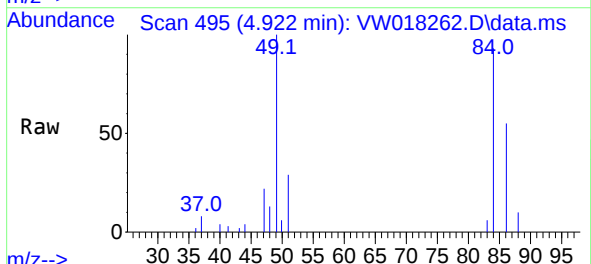
#13
Acetone
Concen: 2.31 ug/L m
RT: 4.147 min Scan# 368
Delta R.T. 0.025 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52



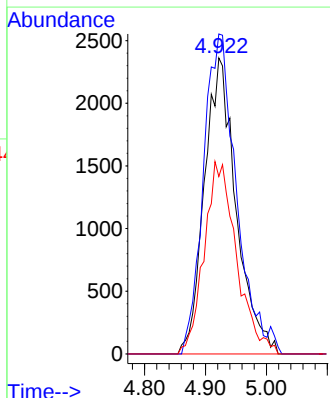
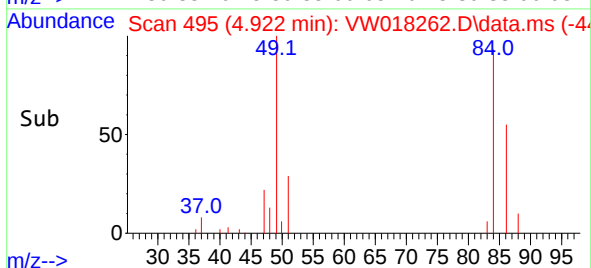
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 10.7 0.0 62.2



#16
Methylene chloride
Concen: 2.24 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52



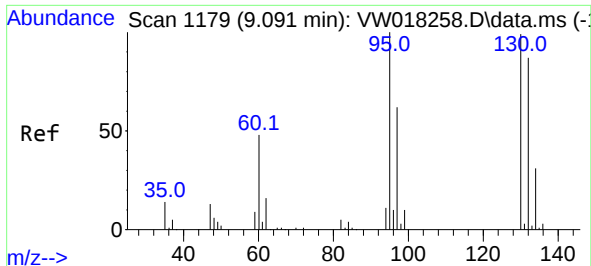
Tgt Ion: 84 Resp: 8542
Ion Ratio Lower Upper
84 100
49 108.1 74.4 138.2
86 59.9 46.1 85.7



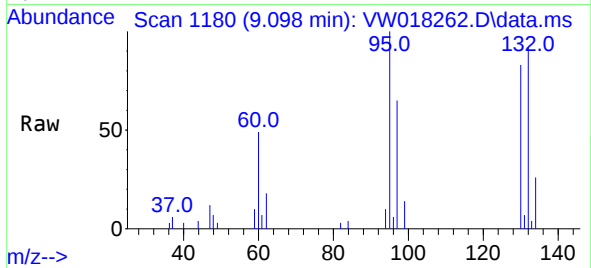
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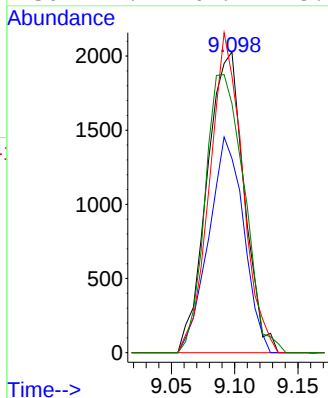


#35
Trichloroethene
Concen: 1.05 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW018262.D
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Tgt Ion: 95 Resp: 4129

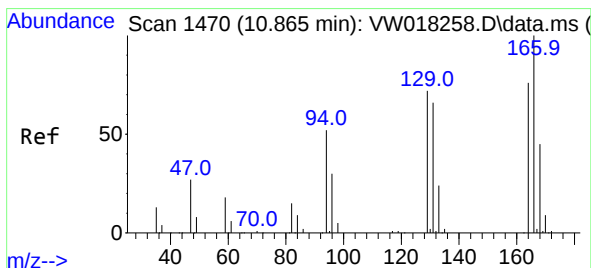
Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.4	82.4
132	94.6	65.9	122.5
130	97.2	67.4	125.2



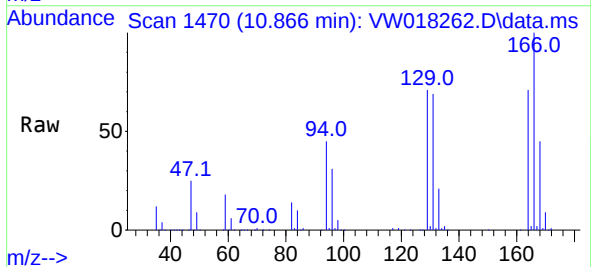
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#47
Tetrachloroethene
Concen: 89.66 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52



Tgt Ion: 164 Resp: 264567

Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.8	127.8
131	95.9	68.3	126.8
166	140.0	95.4	177.2

