

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018063.D
 Acq On : 10 Feb 2021 15:33
 Operator : SY/VA
 Sample : M1371-03
 Misc : 4.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH15

Manual Integrations
 APPROVED

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 2/11/2021 3:34:49 PM

Quant Time: Feb 11 00:58:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	377420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	284498	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	92795	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	101487	21.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.56%		
7) Chloroethane-d5	2.891	69	86495	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.92%		
10) 1,1-Dichloroethene-d2	4.019	63	156789	16.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.88%		
20) 2-Butanone-d5	7.080	46	53426	42.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.36%		
24) Chloroform-d	7.647	84	243656	24.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.40%		
26) 1,2-Dichloroethane-d4	8.305	65	122782	23.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.08%		
29) Benzene-d6	8.275	84	462678	29.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.48%		
33) 1,2-Dichloropropane-d6	9.274	67	134415	30.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	123.08%#		
37) Toluene-d8	10.323	98	403019	27.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.48%		
38) trans-1,3-Dichloroprop...	10.579	79	50796	25.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.60%		
39) 2-Hexanone-d5	10.920	63	42981	51.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.90%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	103057	26.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	107.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	99869	30.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	120.68%#		
Target Compounds					Qvalue	
13) Acetone	4.123	43	5998	6.48	ug/L	100
14) Carbon disulfide	4.391	76	13554	0.92	ug/L	100
16) Methylene chloride	4.915	84	8171m	1.35	ug/L	
34) Benzene	8.323	78	76765	4.62	ug/L	100

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

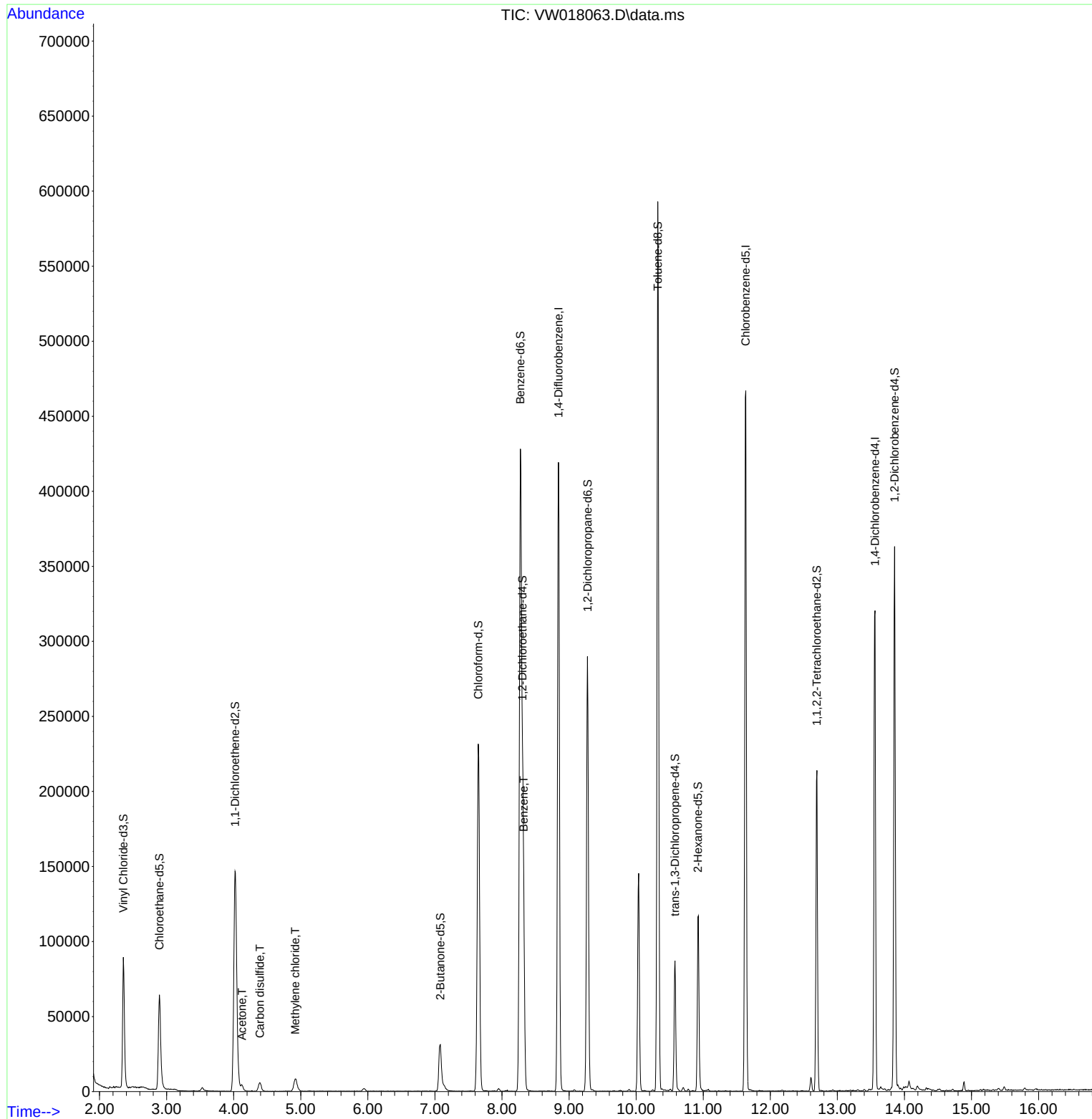
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
Data File : VW018063.D
Acq On : 10 Feb 2021 15:33
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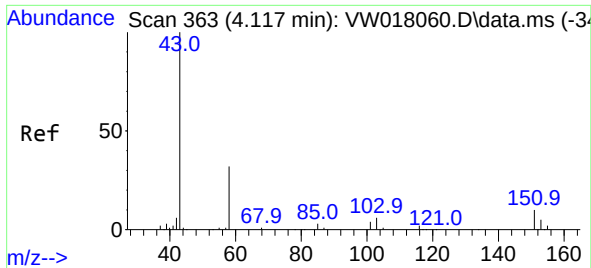
Instrument :
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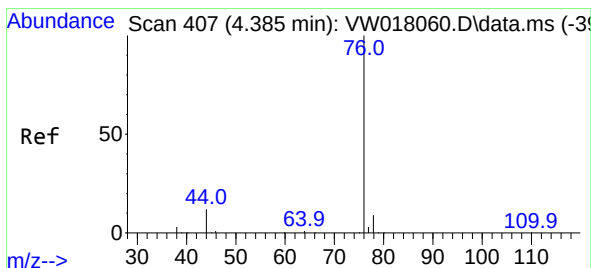
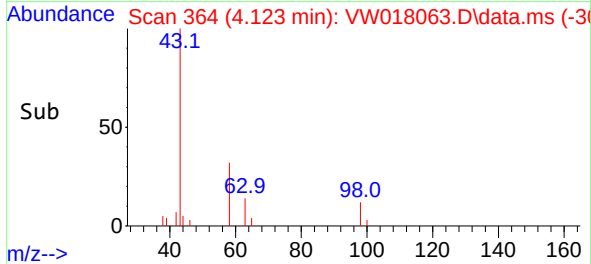
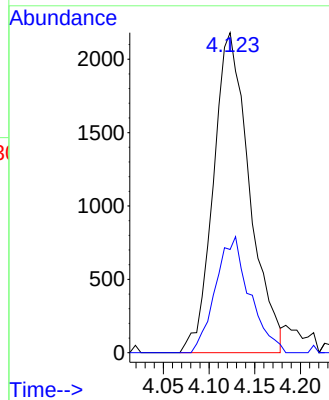
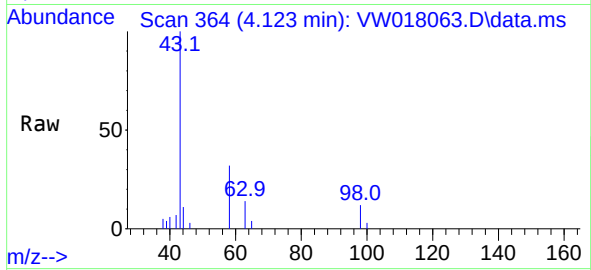
#13
Acetone
Concen: 6.48 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Tgt Ion: 43 Resp: 5998
Ion Ratio Lower Upper
43 100
58 34.2 0.0 68.4

Instrument :
MSVOA_W
ClientSampled :
DBH15

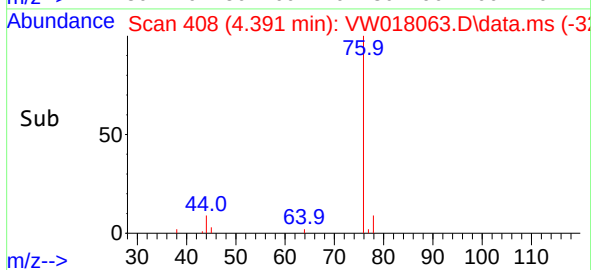
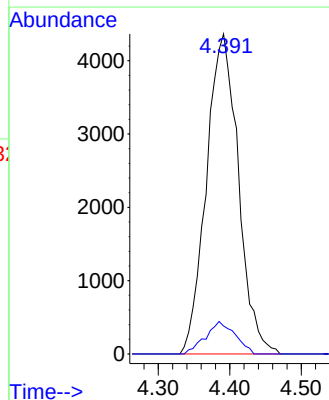
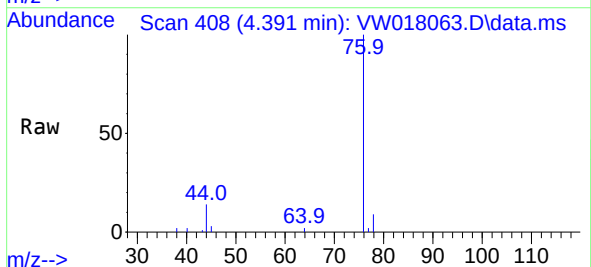
Manual Integrations
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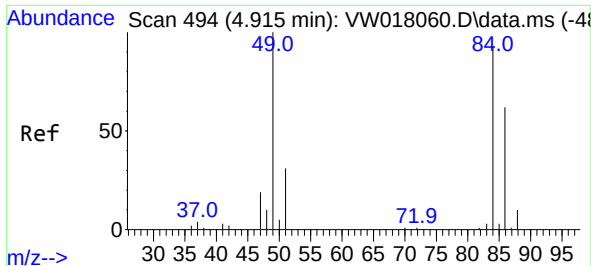
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#14
Carbon disulfide
Concen: 0.92 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

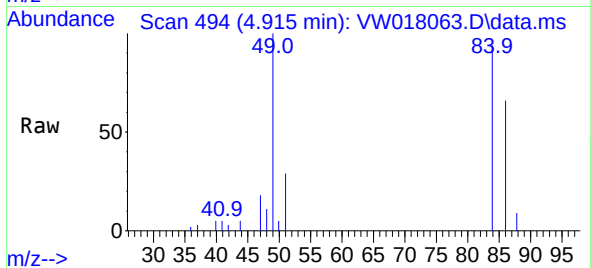
Tgt Ion: 76 Resp: 13554
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4





#16
Methylene chloride
Concen: 1.35 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018063.D
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DBH15

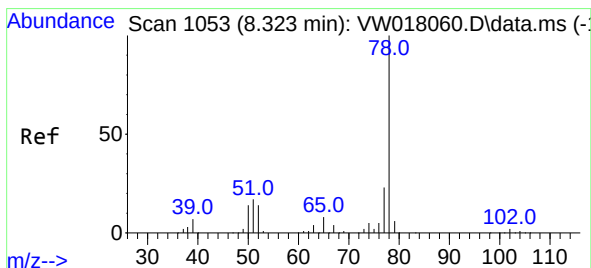
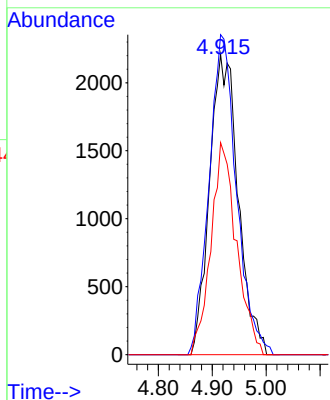
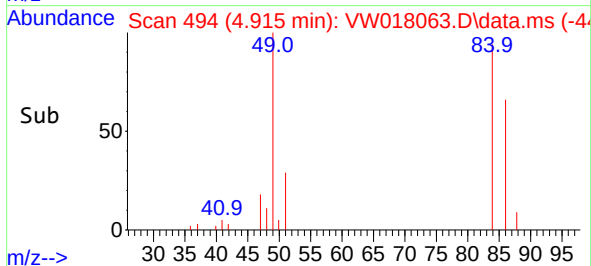


Tgt Ion: 84 Resp: 8171

Ion	Ratio	Lower	Upper
84	100		
49	106.6	81.2	150.8
86	70.6	44.5	82.7

Manual Integrations
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#34
Benzene
Concen: 4.62 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Tgt Ion: 78 Resp: 76765

