

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018538.D
 Acq On : 01 Apr 2021 16:09
 Operator : SY/VA
 Sample : M1896-05
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG581

Manual Integrations
 APPROVED

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 4/6/2021 1:05:28 PM

Quant Time: Apr 02 03:32:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	541630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	511619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	247519	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	184737	24.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.04%		
7) Chloroethane-d5	2.891	69	141759	21.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.96%		
10) 1,1-Dichloroethene-d2	4.025	63	194526	14.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.80%		
20) 2-Butanone-d5	7.074	46	75627	45.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.14%		
24) Chloroform-d	7.647	84	274463	19.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.60%		
26) 1,2-Dichloroethane-d4	8.305	65	175290	21.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.08%		
29) Benzene-d6	8.275	84	557844	20.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.04%		
33) 1,2-Dichloropropane-d6	9.274	67	160654	20.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.92%		
37) Toluene-d8	10.323	98	528011	20.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.64%		
38) trans-1,3-Dichloroprop...	10.579	79	65824	16.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.08%		
39) 2-Hexanone-d5	10.921	63	60204	39.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.42%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	142791	20.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	172407	19.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.36%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	4967	4.12	ug/L	80
16) Methylene chloride	4.934	84	12560m	1.41	ug/L	
44) Toluene	10.390	91	8758	0.26	ug/L	96

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

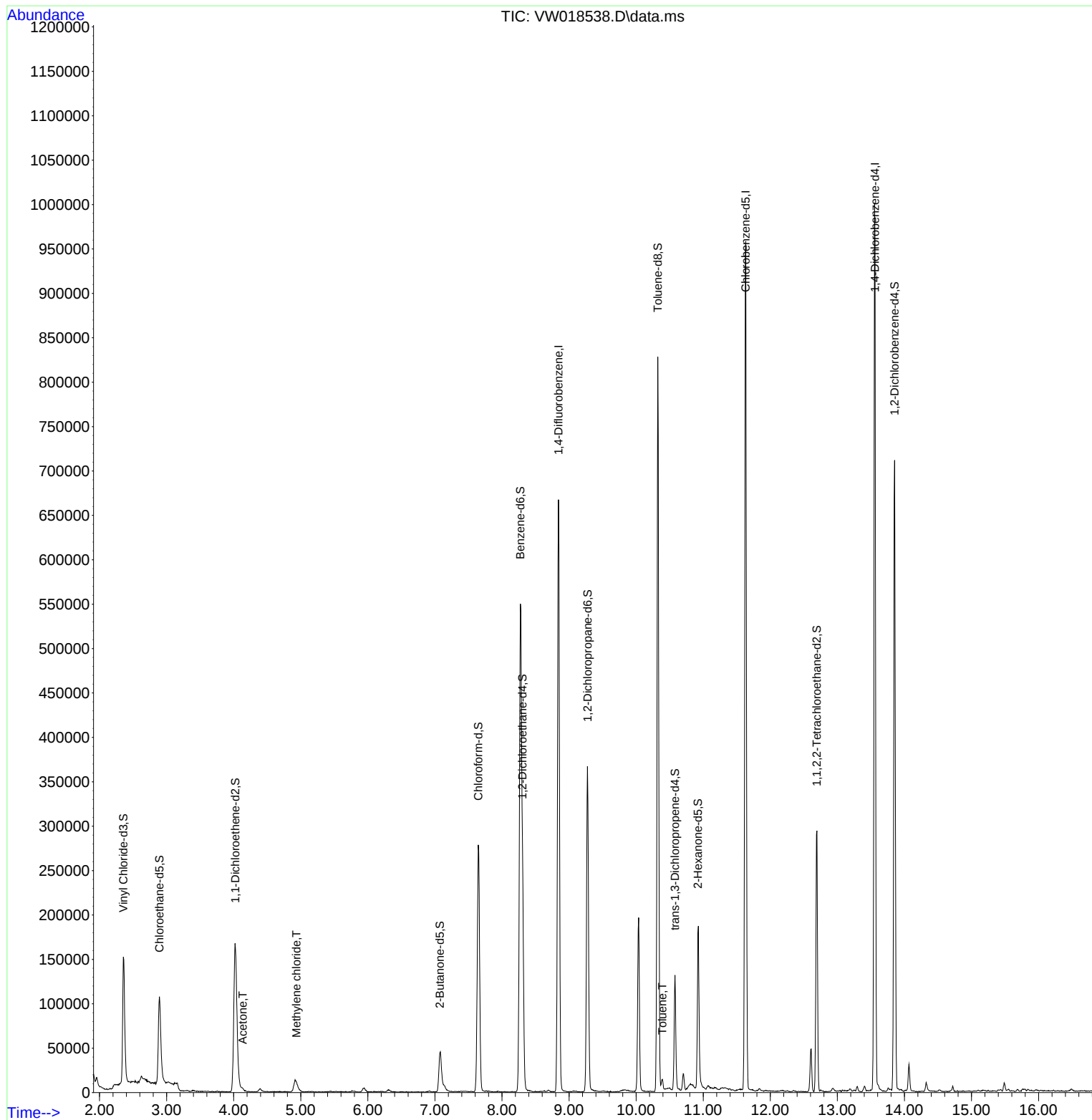
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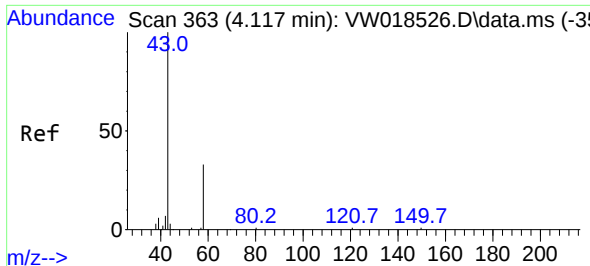
Instrument :
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Response via : Initial Calibration





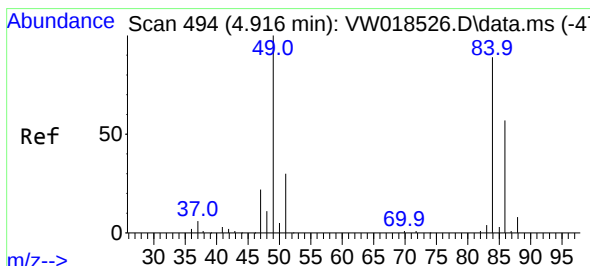
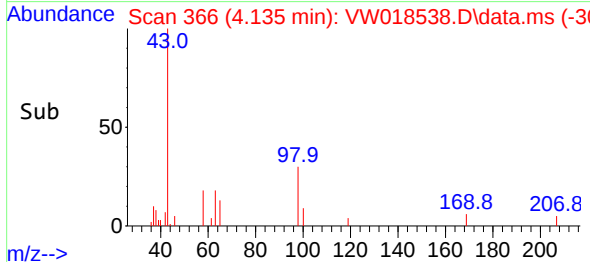
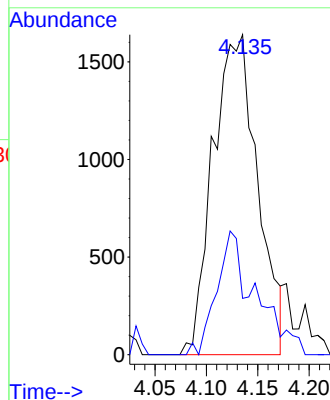
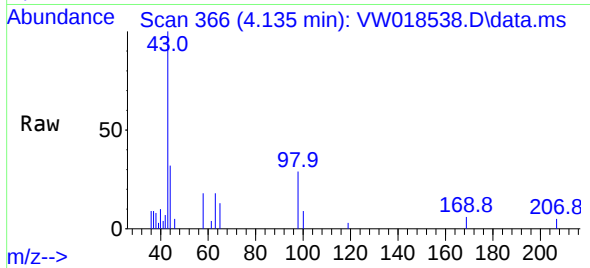
#13
Acetone
Concen: 4.12 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018538.D
Acq: 01 Apr 2021 16:09

Tgt Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
58 20.0 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG581

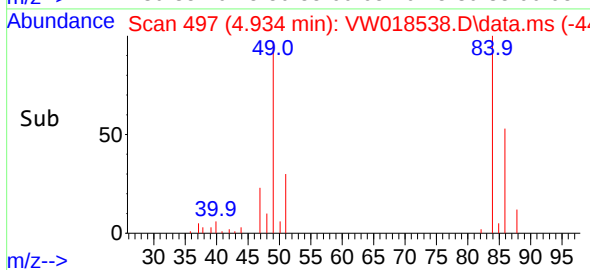
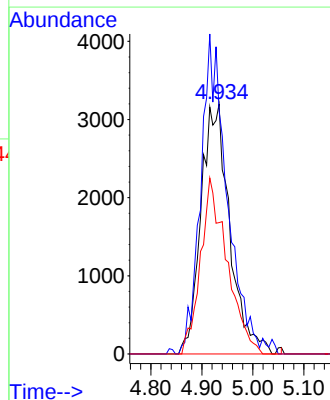
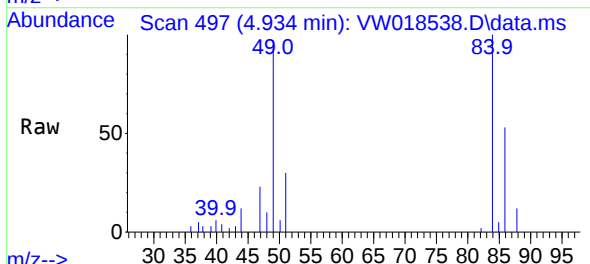
Manual Integrations
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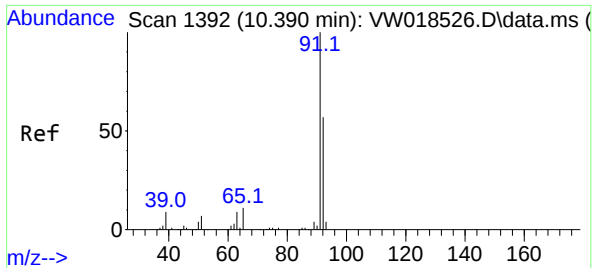
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#16
Methylene chloride
Concen: 1.41 ug/L m
RT: 4.934 min Scan# 497
Delta R.T. 0.018 min
Lab File: VW018538.D
Acq: 01 Apr 2021 16:09

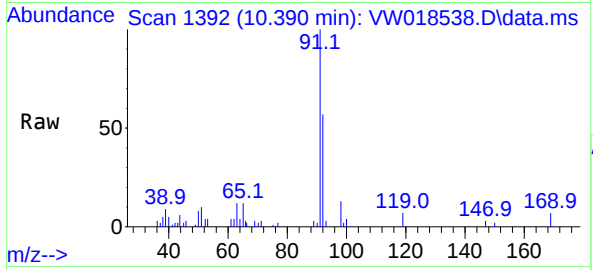
Tgt Ion: 84 Resp: 12560
Ion Ratio Lower Upper
84 100
49 97.3 74.4 138.2
86 52.6 46.1 85.7





#44
Toluene
Concen: 0.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
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Tgt Ion: 91 Resp: 8758
Ion Ratio Lower Upper
91 100
92 57.1 42.3 78.5

Manual Integrations
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