

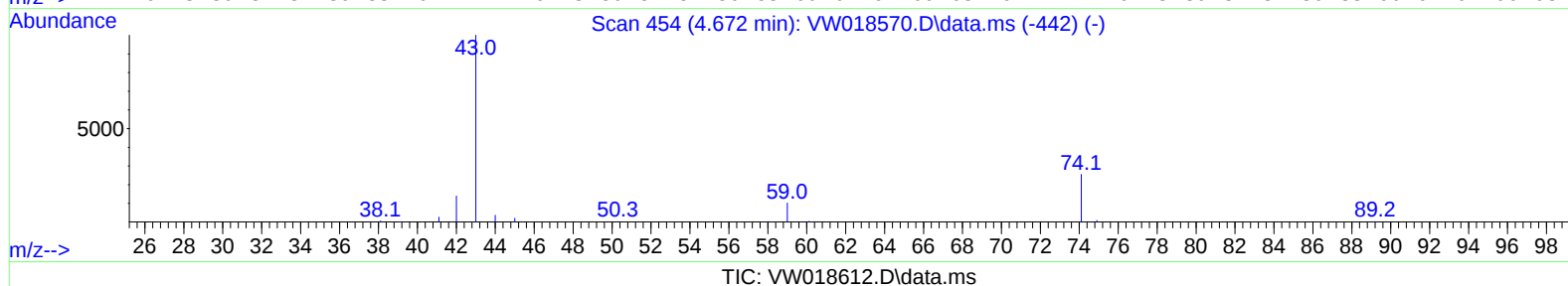
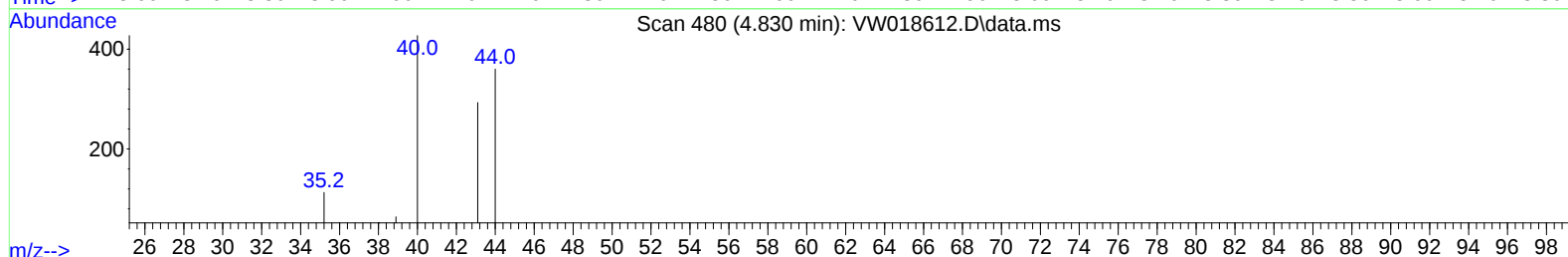
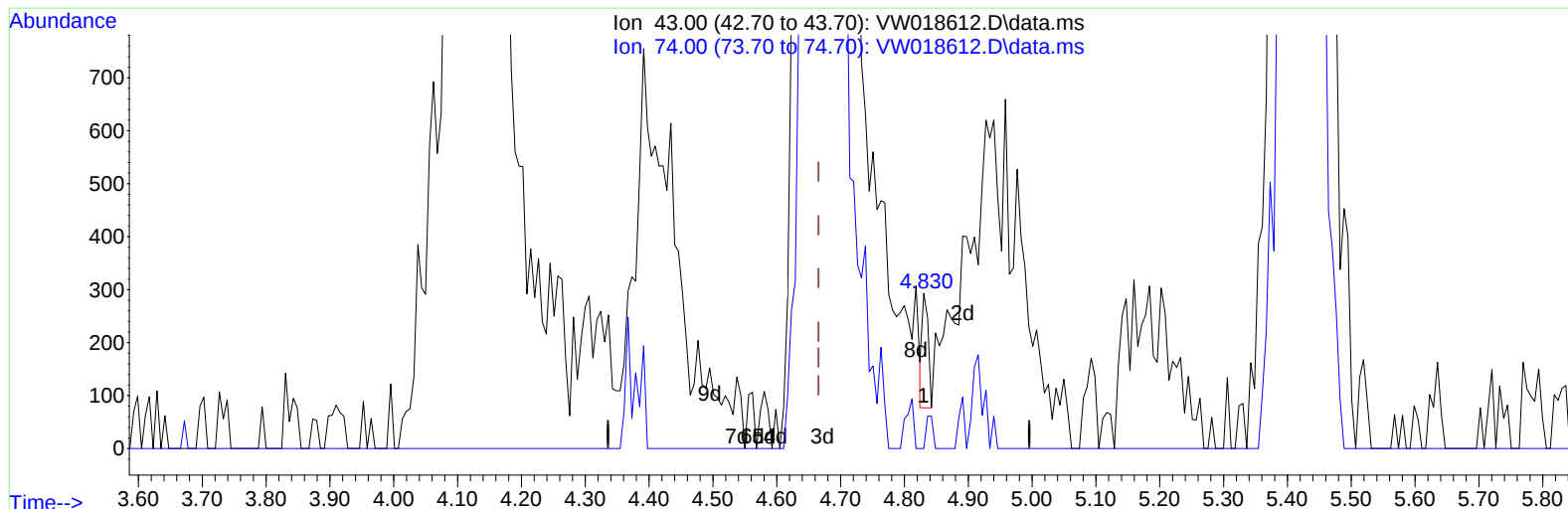
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018612.D
 Acq On : 09 Apr 2021 10:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTD02512

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 9:52:55 AM

Quant Time: Apr 10 01:04:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration



TIC: VW018612.D\data.ms

(15) Methyl Acetate (T)

4.830min (+ 0.165) 0.06 ug/L

response	141	
Ion	Exp%	Act%
43.00	100.00	100.00
74.00	28.60	31.91
0.00	0.00	0.00
0.00	0.00	0.00

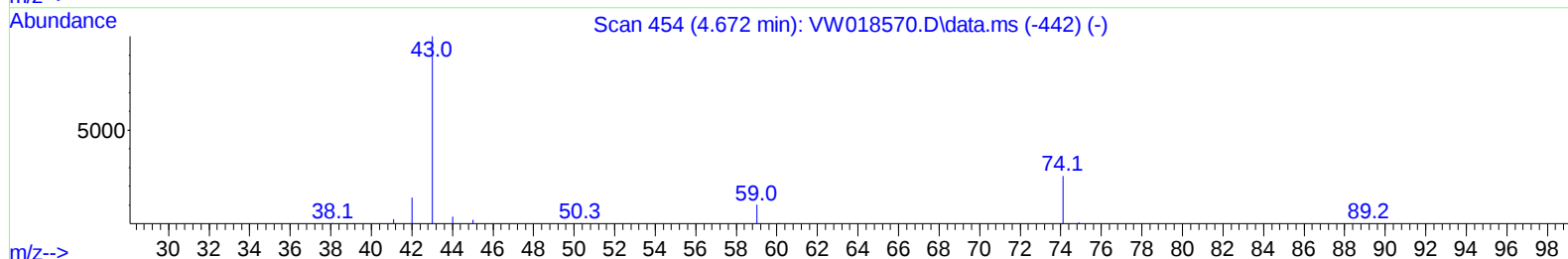
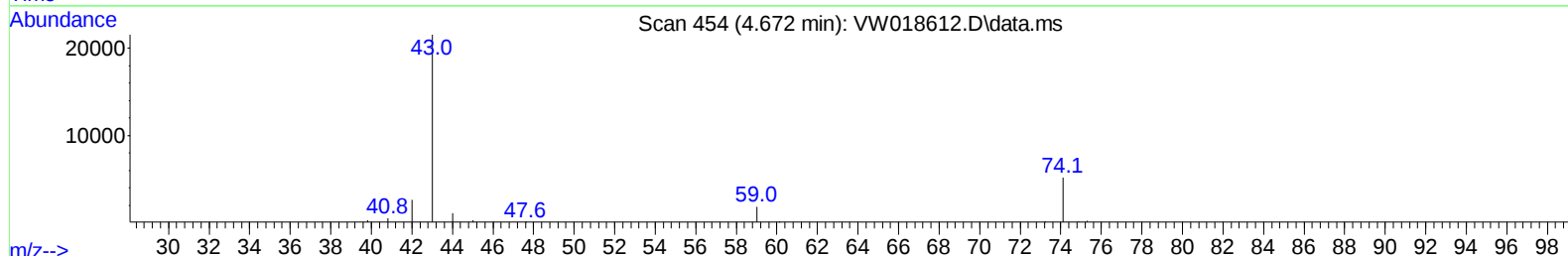
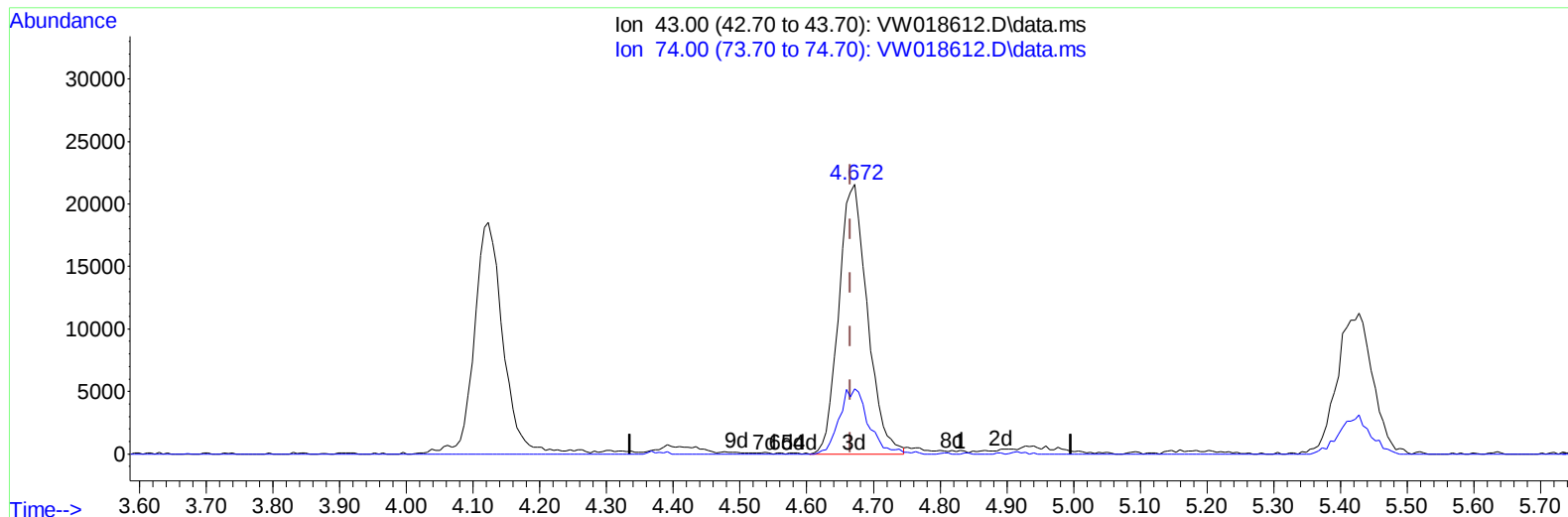
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(15) Methyl Acetate (T)

4.672min (+ 0.006) 28.34 ug/L m

response 64281

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	28.60	0.07#
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408567	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	217801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	122056	19.68	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	78.72%	
7) Chloroethane-d5	2.892	69	111546	20.55	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	82.20%	
10) 1,1-Dichloroethene-d2	4.026	63	215638	20.14	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	80.56%	
20) 2-Butanone-d5	7.074	46	67848	49.15	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	98.30%	
24) Chloroform-d	7.647	84	253784	22.36	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	89.44%	
26) 1,2-Dichloroethane-d4	8.305	65	145186	21.91	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	87.64%	
29) Benzene-d6	8.275	84	449009	20.67	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	82.68%	
33) 1,2-Dichloropropane-d6	9.275	67	139007	22.19	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	88.76%	
37) Toluene-d8	10.323	98	431619	20.64	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	82.56%	
38) trans-1,3-Dichloroprop...	10.579	79	64885	20.08	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	80.32%	
39) 2-Hexanone-d5	10.921	63	55762	45.48	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	90.96%	
48) 1,1,2,2-Tetrachloroeth...	12.689	84	137043	24.45	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	97.80%	
61) 1,2-Dichlorobenzene-d4	13.853	152	167996	21.70	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	86.80%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	112242	21.93	ug/L	98
3) Chloromethane	2.215	50	148647	23.04	ug/L	98
5) Vinyl chloride	2.367	62	220948	26.08	ug/L	99
6) Bromomethane	2.782	94	154062	25.18	ug/L	99
8) Chloroethane	2.928	64	138806	26.28	ug/L	97
9) Trichlorofluoromethane	3.263	101	112253	26.34	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	154965	28.28	ug/L	97
12) 1,1-Dichloroethene	4.044	96	148281	26.51	ug/L	86
13) Acetone	4.123	43	50735	51.16	ug/L	100
14) Carbon disulfide	4.385	76	430199	25.54	ug/L	100
15) Methyl Acetate	4.672	43	64281m	28.34	ug/L	
16) Methylene chloride	4.916	84	159578	21.83	ug/L	95
17) Methyl tert-butyl Ether	5.422	73	202727	24.81	ug/L	99
18) trans-1,2-Dichloroethene	5.415	96	159846	25.89	ug/L	95
19) 1,1-Dichloroethane	6.214	63	282067	26.77	ug/L	96
21) 2-Butanone	7.171	43	85921	54.53	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	173216	26.67	ug/L	94
23) Bromochloromethane	7.513	128	81409	28.32	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	305817	27.35	ug/L	98
27) 1,2-Dichloroethane	8.397	62	215296	27.14	ug/L	96
30) Cyclohexane	7.958	56	244077	25.16	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	252171	27.61	ug/L	99
32) Carbon tetrachloride	8.067	117	237482	27.91	ug/L	99
34) Benzene	8.324	78	647983	27.38	ug/L	100
35) Trichloroethene	9.086	95	179317	27.43	ug/L	98
36) Methylcyclohexane	9.336	83	294045	25.69	ug/L	99
40) 1,2-Dichloropropane	9.366	63	155903	26.93	ug/L	99
41) Bromodichloromethane	9.640	83	221843	27.11	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	256324	26.19	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	192940	55.43	ug/L	96
44) Toluene	10.390	91	737061	27.40	ug/L	98
45) trans-1,3-Dichloropropene	10.604	75	232862	26.50	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	129313	28.02	ug/L	98
47) Tetrachloroethene	10.860	164	135027	27.20	ug/L	95
49) 2-Hexanone	10.969	43	137540	55.84	ug/L	96
50) Dibromochloromethane	11.128	129	156504	28.76	ug/L	93
51) 1,2-Dibromoethane	11.232	107	128680	28.15	ug/L	93
52) Chlorobenzene	11.658	112	472910	27.72	ug/L	98
53) Ethylbenzene	11.731	91	822945	27.14	ug/L	98
54) m,p-Xylene	11.841	106	311916	26.91	ug/L	96
55) o-xylene	12.164	106	300909	27.24	ug/L	97
56) Styrene	12.176	104	518261	27.51	ug/L	99
57) Isopropylbenzene	12.463	105	825704	27.48	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	160908	28.81	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	119619	28.36	ug/L	100
62) Bromoform	12.347	173	85856	25.71	ug/L #	98
63) 1,3-Dichlorobenzene	13.493	146	345974	24.82	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	361727	25.72	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	328641	26.38	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	26385	23.43	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	253831	25.25	ug/L	92
68) 1,2,4-trichlorobenzene	15.133	180	216532	25.31	ug/L	95
69) Naphthalene	15.365	128	450646	25.30	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	190245	25.49	ug/L	99

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

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