

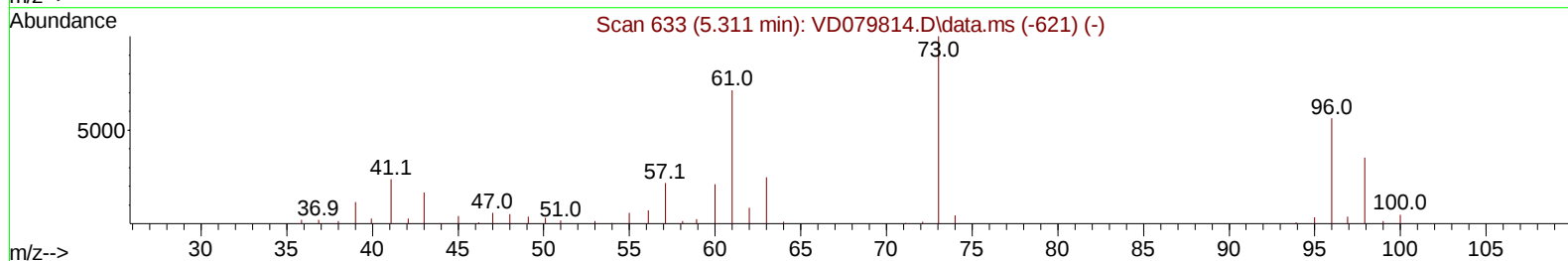
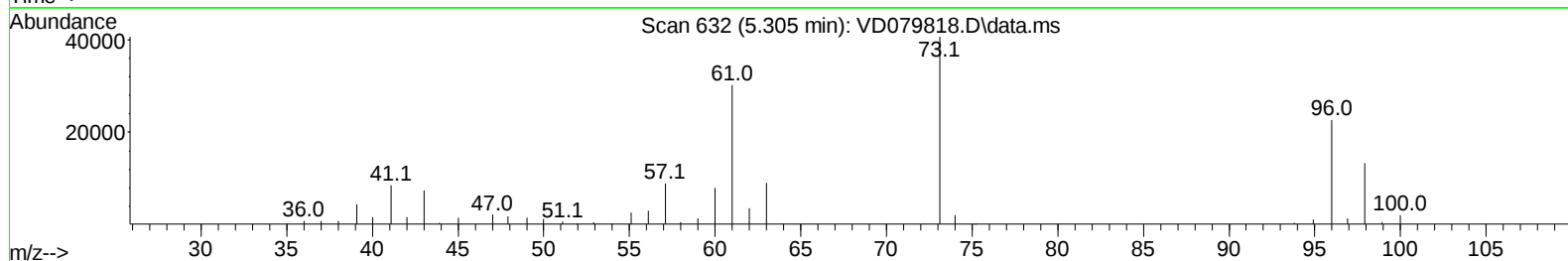
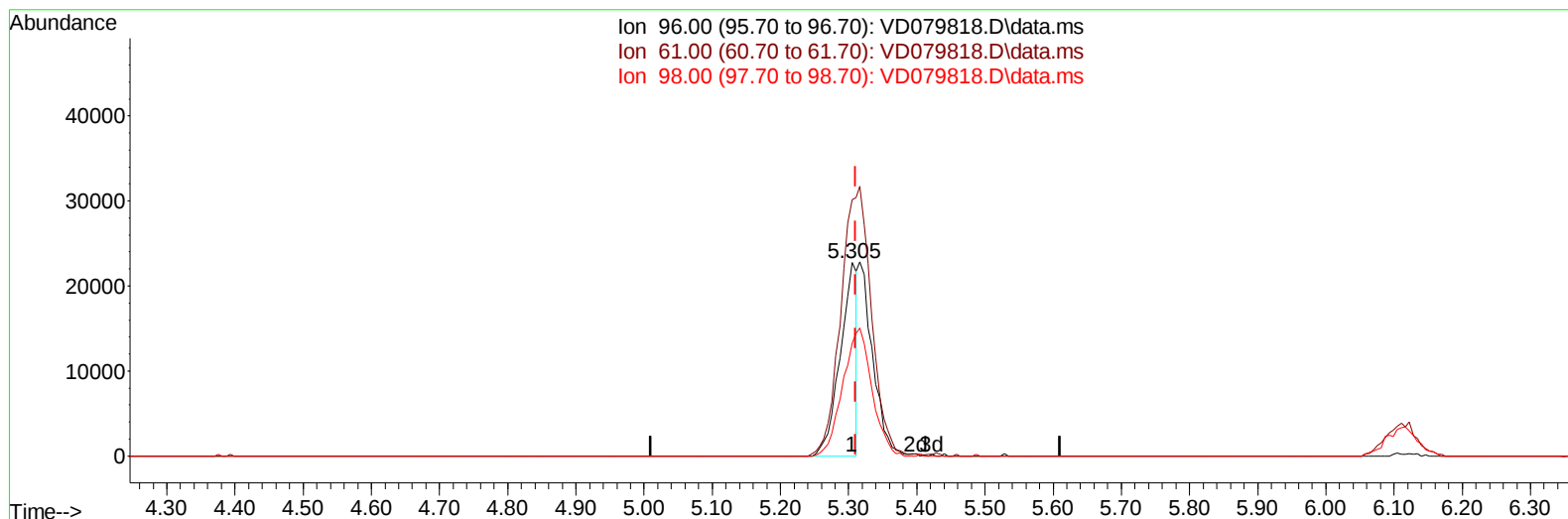
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091124\
Data File : VD079818.D
Acq On : 11 Sep 2024 10:31
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Sep 12 01:21:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 11 06:11:49 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



TIC: VD079818.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.305min (-0.006) 12.77 ug/L

response 38550

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	126.70	132.81
98.00	62.50	58.47
0.00	0.00	0.00

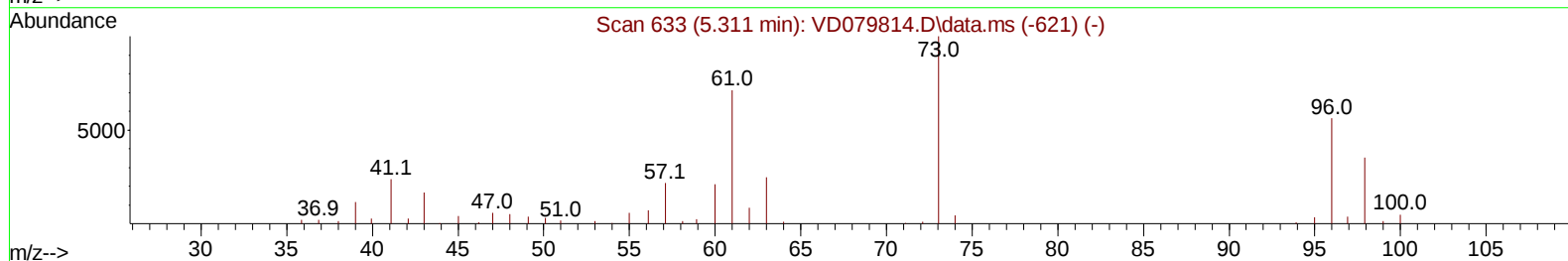
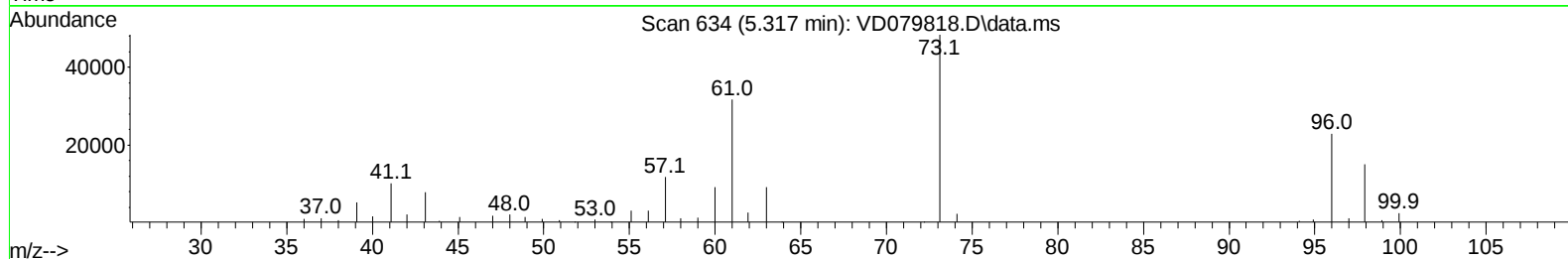
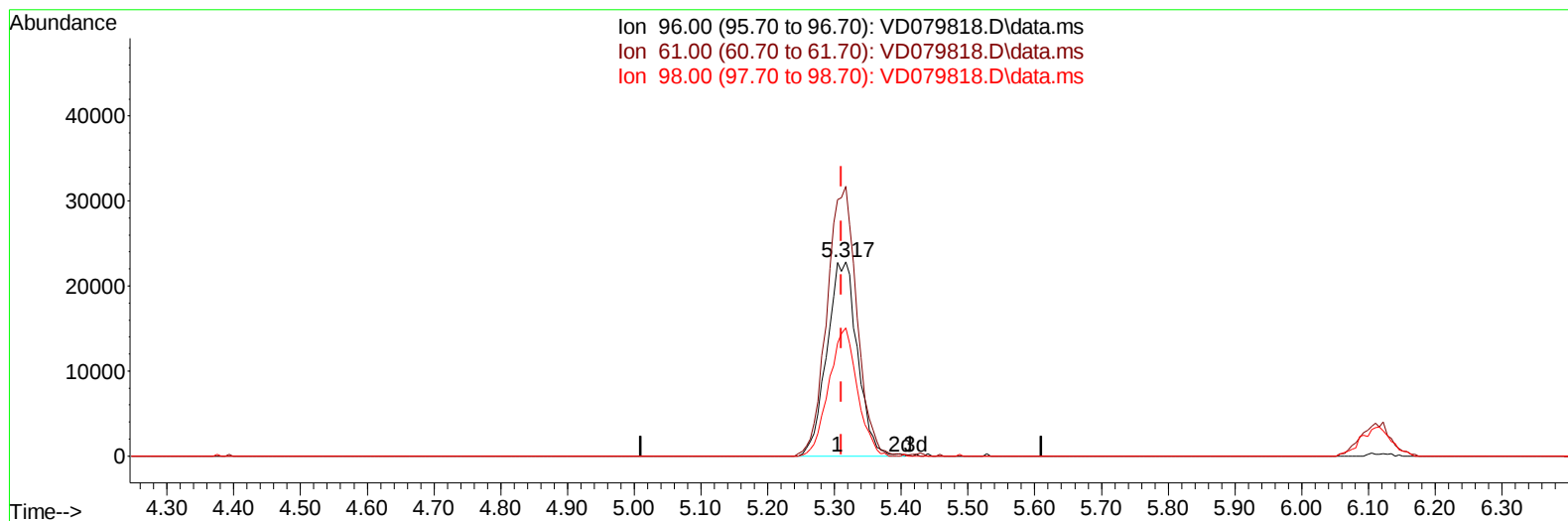
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TIC: VD079818.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.317min (+ 0.006) 23.96 ug/L m

response 72345

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	126.70	138.71
98.00	62.50	66.08
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	8.775	114	186505	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	178399	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	87810	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	203923	25.145	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	100.560%	
7) Chloroethane-d5	2.799	69	161657	25.177	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	100.720%	
11) 1,1-Dichloroethene-d2	3.911	65	38014	25.817	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	103.280%	
21) 2-Butanone-d5	6.987	46	42429	56.309	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	112.620%	
24) Chloroform-d	7.569	84	158416	25.840	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	103.360%	
26) 1,2-Dichloroethane-d4	8.228	65	87756	27.374	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	109.480%	
32) Benzene-d6	8.199	84	350965	27.866	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	111.480%	
36) 1,2-Dichloropropane-d6	9.210	67	108131	28.032	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	112.120%	
41) Toluene-d8	10.269	98	323494	29.188	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	116.760%	
43) trans-1,3-Dichloroprop...	10.522	79	47005	28.343	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	113.360%	
47) 2-Hexanone-d5	10.875	63	38781	61.674	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	123.340%	
56) 1,1,2,2-Tetrachloroeth...	12.646	84	82329	29.045	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	116.160%	
66) 1,2-Dichlorobenzene-d4	13.810	152	90964	27.469	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	109.880%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	80415	22.612	ug/L	99
3) Chloromethane	2.146	50	144906	23.244	ug/L	99
5) Vinyl chloride	2.281	62	176121	23.055	ug/L	99
6) Bromomethane	2.693	94	87966	22.869	ug/L	96
8) Chloroethane	2.834	64	116740	23.131	ug/L	95
9) Trichlorofluoromethane	3.175	101	123029	22.399	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	72480	23.840	ug/L	98
12) 1,1-Dichloroethene	3.940	96	66464	23.471	ug/L	95
13) Acetone	4.022	43	58489	63.669	ug/L	96
14) Carbon disulfide	4.270	76	207098	22.483	ug/L	100
15) Methyl Acetate	4.564	43	35646	24.360	ug/L #	77
16) Methylene chloride	4.799	84	84456	22.917	ug/L	95
17) trans-1,2-Dichloroethene	5.317	96	72345m	23.960	ug/L	
18) Methyl tert-butyl Ether	5.317	73	169390	24.938	ug/L	99
19) 1,1-Dichloroethane	6.111	63	141575	23.606	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	81470	24.506	ug/L	94
22) 2-Butanone	7.075	43	59772	55.467	ug/L	96
23) Bromochloromethane	7.428	128	33486	23.732	ug/L	93

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Quant Time: Sep 12 01:21:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 06:11:49 2024
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Reviewed By :Mahesh Dadoda 09/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.593	83	152841	24.482	ug/L	98
27) 1,2-Dichloroethane	8.322	62	91177	23.895	ug/L	99
29) Cyclohexane	7.875	56	107698	24.406	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	119641	24.603	ug/L	99
31) Carbon tetrachloride	7.993	117	105165	24.409	ug/L	98
33) Benzene	8.252	78	336256	25.313	ug/L	100
34) Trichloroethene	9.028	95	75085	24.462	ug/L	94
35) Methylcyclohexane	9.275	83	121905	24.610	ug/L	99
37) 1,2-Dichloropropane	9.305	63	92169	25.442	ug/L #	100
38) Bromodichloromethane	9.581	83	105549	25.004	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	136132	26.760	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	105285	55.519	ug/L	98
42) Toluene	10.334	91	357376	25.540	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	119503	26.655	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	61962	25.034	ug/L	90
46) Tetrachloroethene	10.810	164	52117	25.010	ug/L	94
48) 2-Hexanone	10.922	43	92150	59.739	ug/L	98
49) Dibromochloromethane	11.075	129	70245	26.001	ug/L	97
50) 1,2-Dibromoethane	11.181	107	53916	25.221	ug/L	96
51) Chlorobenzene	11.604	112	211991	25.245	ug/L	98
52) Ethylbenzene	11.681	91	378072	25.720	ug/L	96
53) m,p-Xylene	11.793	106	144795	26.007	ug/L	98
54) o-Xylene	12.116	106	138985	25.460	ug/L	93
55) Styrene	12.134	104	255226	26.602	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	76118	26.237	ug/L	92
59) Bromoform	12.299	173	39429	26.012	ug/L #	99
60) Isopropylbenzene	12.416	105	374829	24.724	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	54220	25.120	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	291163	26.261	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	291908	25.106	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	155621	24.839	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	161482	24.573	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	141417	24.974	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.440	75	11011	24.933	ug/L	90
69) 1,3,5-Trichlorobenzene	14.593	180	92897	24.454	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	75804	23.700	ug/L	98
71) Naphthalene	15.328	128	175478	24.564	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	71329	24.932	ug/L	97

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

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