

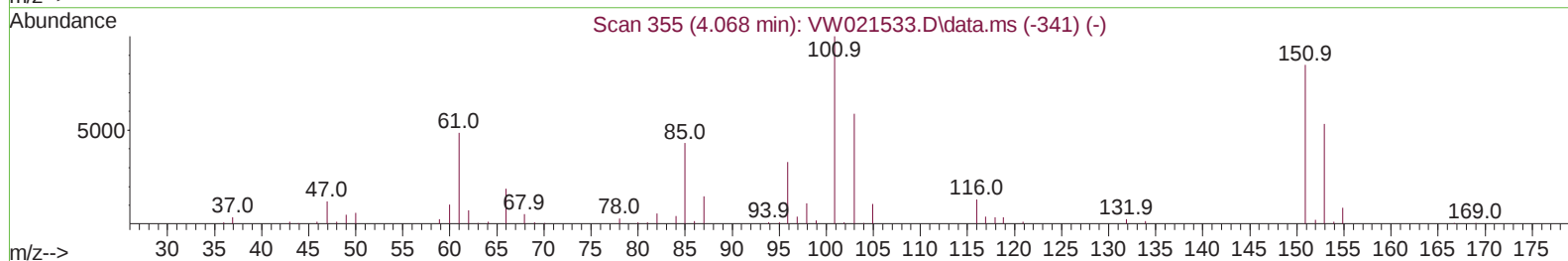
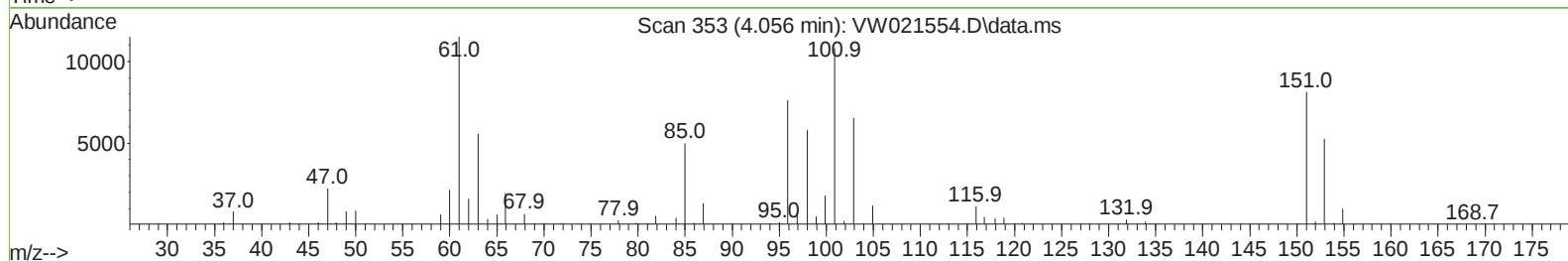
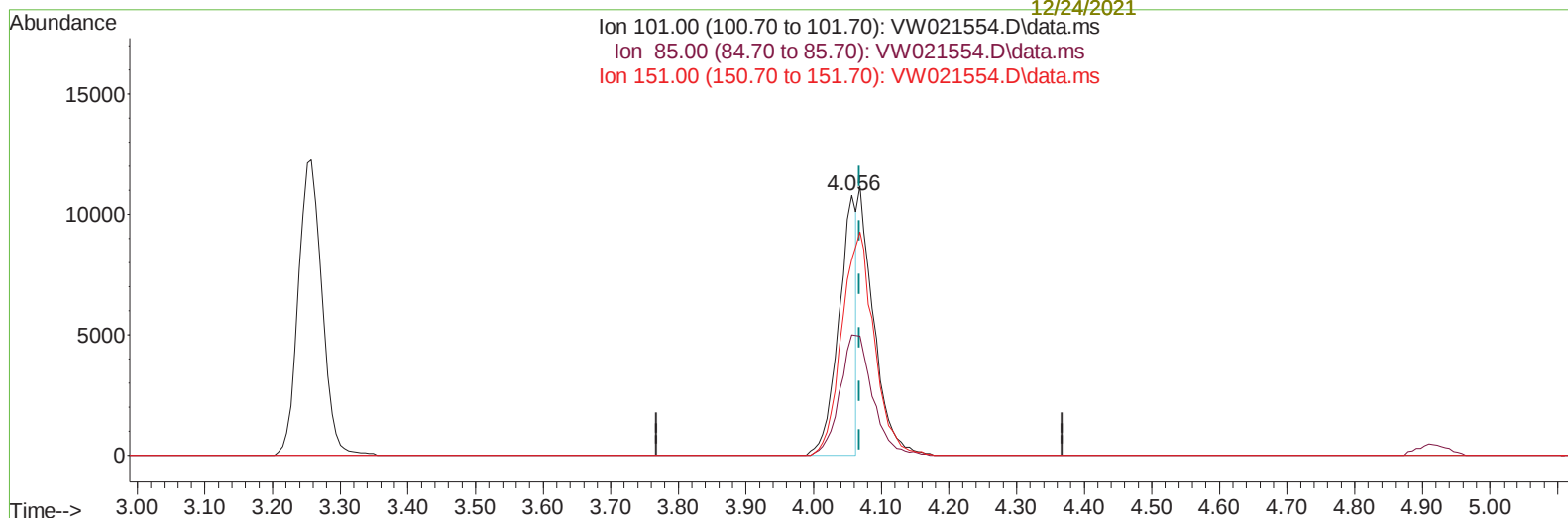
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021554.D
 Acq On : 22 Dec 2021 03:53
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Dec 22 05:21:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

Reviewed By :Semsettin
 Yesilyurt
 12/22/2021
 Supervised By :Amit
 Patel
 12/24/2021



TIC: VW021554.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.056min (-0.012) 13.59 ug/L

response 19783

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	45.70	83.37#
151.00	71.70	154.53#
0.00	0.00	0.00

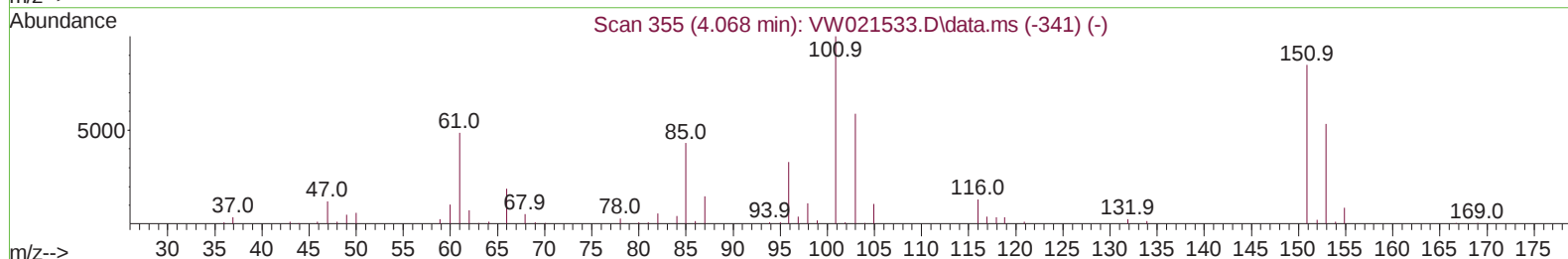
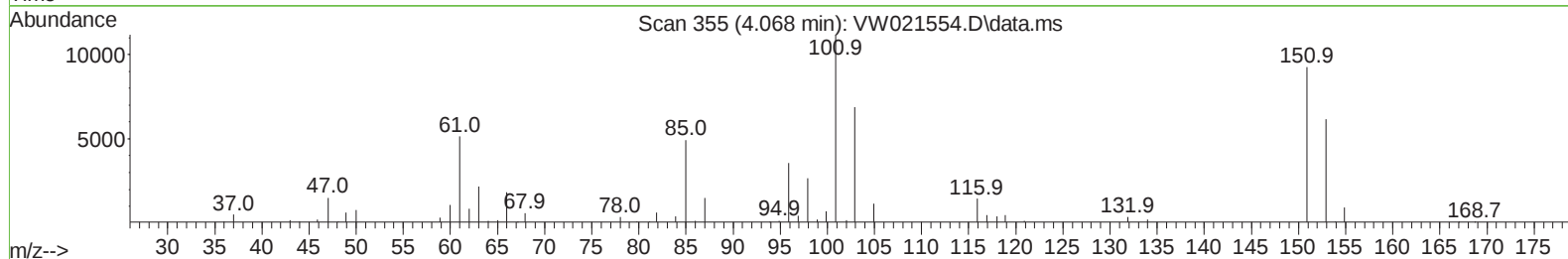
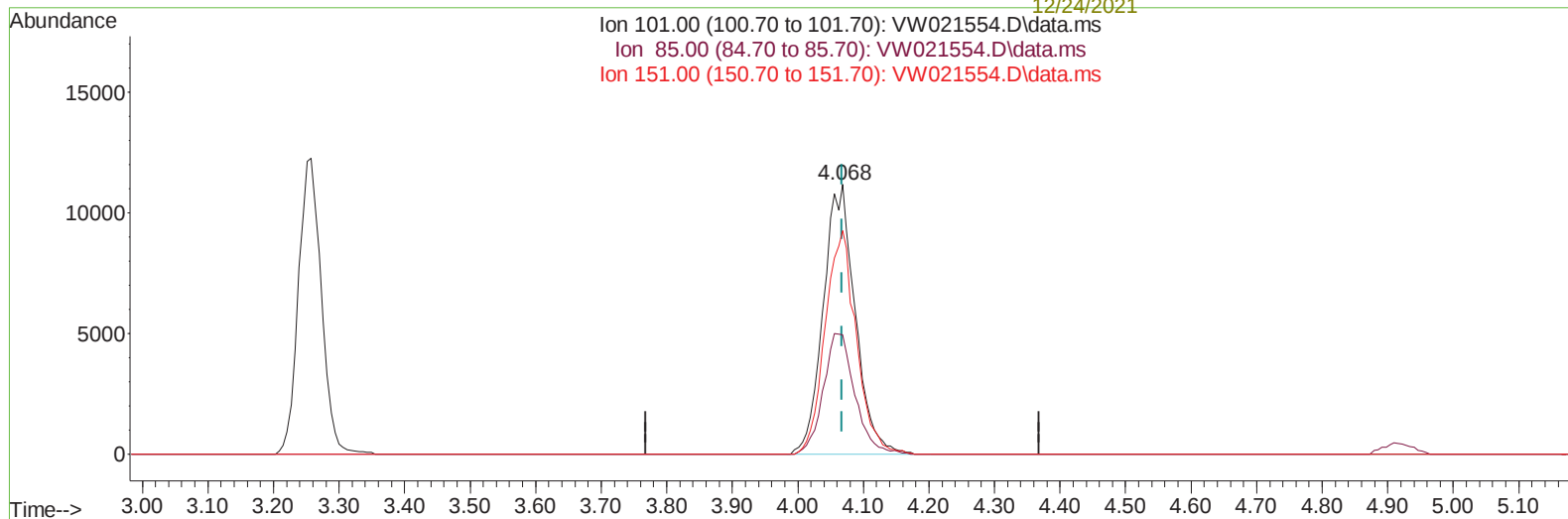
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TIC: VW021554.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.068min (+ 0.000) 25.96 ug/L m

response 37795

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	45.70	43.64
151.00	71.70	80.88
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	105438	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38269	19.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
7) Chloroethane-d5	2.879	69	28924	22.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
11) 1,1-Dichloroethene-d2	4.019	63	64307	25.119	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.480%
21) 2-Butanone-d5	7.092	46	16640	61.473	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.940%
24) Chloroform-d	7.653	84	79619	27.097	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	8.305	65	42191	26.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.960%
32) Benzene-d6	8.275	84	145336	25.230	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	9.275	67	40985	26.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.120%
41) Toluene-d8	10.323	98	144496	24.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	10.579	79	18823	26.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.840%
47) 2-Hexanone-d5	10.921	63	15051	65.885	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.760%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	36427	27.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	62322	26.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	7924	19.451	ug/L	99
3) Chloromethane	2.209	50	30666	22.737	ug/L	98
5) Vinyl chloride	2.355	62	45458	21.470	ug/L	97
6) Bromomethane	2.782	94	28345	20.639	ug/L	95
8) Chloroethane	2.916	64	22431	22.996	ug/L	97
9) Trichlorofluoromethane	3.257	101	29823	26.695	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37795m	25.959	ug/L	
12) 1,1-Dichloroethene	4.044	96	33656	25.752	ug/L	73
13) Acetone	4.154	43	11975	49.348	ug/L	100
14) Carbon disulfide	4.385	76	76042	22.530	ug/L	98
15) Methyl Acetate	4.678	43	12461	29.761	ug/L	# 88
16) Methylene chloride	4.922	84	40103	23.019	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	35637	25.183	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	59206	30.293	ug/L	93
19) 1,1-Dichloroethane	6.214	63	60749	27.357	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	39848	26.697	ug/L	77
22) 2-Butanone	7.183	43	16786	52.969	ug/L	87
23) Bromochloromethane	7.519	128	18669	26.750	ug/L	# 66
25) Chloroform	7.677	83	71047	27.561	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	46057	28.214	ug/L #	95
29) Cyclohexane	7.958	56	51168	24.462	ug/L #	81
30) 1,1,1-Trichloroethane	7.878	97	62750	26.612	ug/L	95
31) Carbon tetrachloride	8.074	117	56087	25.785	ug/L	98
33) Benzene	8.324	78	143097	24.996	ug/L	100
34) Trichloroethene	9.092	95	39586	24.633	ug/L	90
35) Methylcyclohexane	9.336	83	62390	23.535	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	32797	25.684	ug/L #	96
38) Bromodichloromethane	9.646	83	48747	27.764	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	54378	27.014	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	39775	57.165	ug/L #	91
42) Toluene	10.390	91	167477	25.013	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	47698	27.053	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	28055	26.843	ug/L	93
46) Tetrachloroethene	10.866	164	36064	23.623	ug/L	97
48) 2-Hexanone	10.969	43	27654	54.806	ug/L #	94
49) Dibromochloromethane	11.128	129	34153	26.506	ug/L	95
50) 1,2-Dibromoethane	11.238	107	28071	26.988	ug/L	95
51) Chlorobenzene	11.658	112	112501	25.097	ug/L	96
52) Ethylbenzene	11.731	91	187518	24.508	ug/L	97
53) m,p-Xylene	11.835	106	74656	24.187	ug/L	95
54) o-Xylene	12.164	106	73310	25.026	ug/L	97
55) Styrene	12.183	104	123689	24.810	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	32862	27.428	ug/L #	93
59) Bromoform	12.347	173	20250	27.576	ug/L	97
60) Isopropylbenzene	12.463	105	199827	23.829	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23668	26.350	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.939	105	176553	24.741	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	172920	24.564	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	93342	23.598	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	93993	23.917	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	83510	23.981	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4711	25.428	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	74513	25.204	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	55537	23.355	ug/L	96
71) Naphthalene	15.365	128	104772	27.120	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	48907	24.887	ug/L	97

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

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