

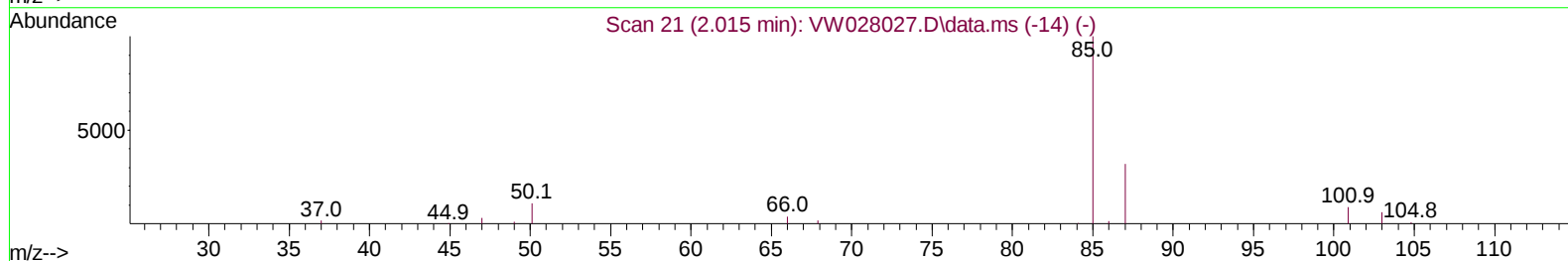
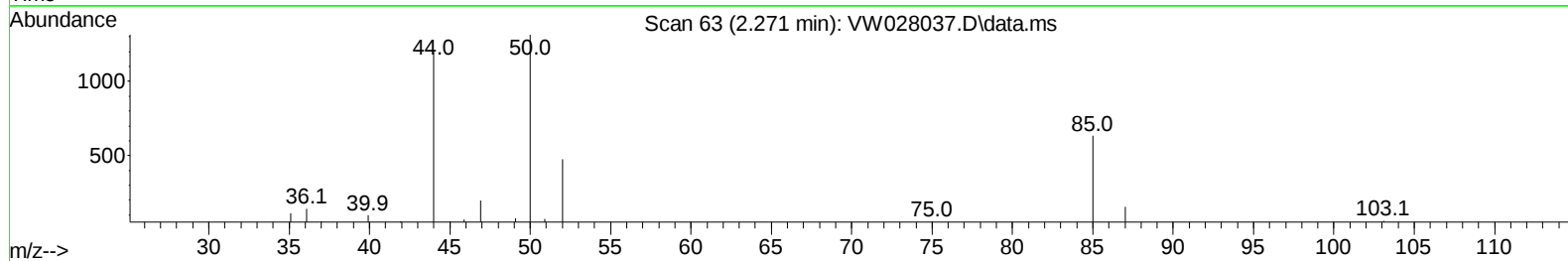
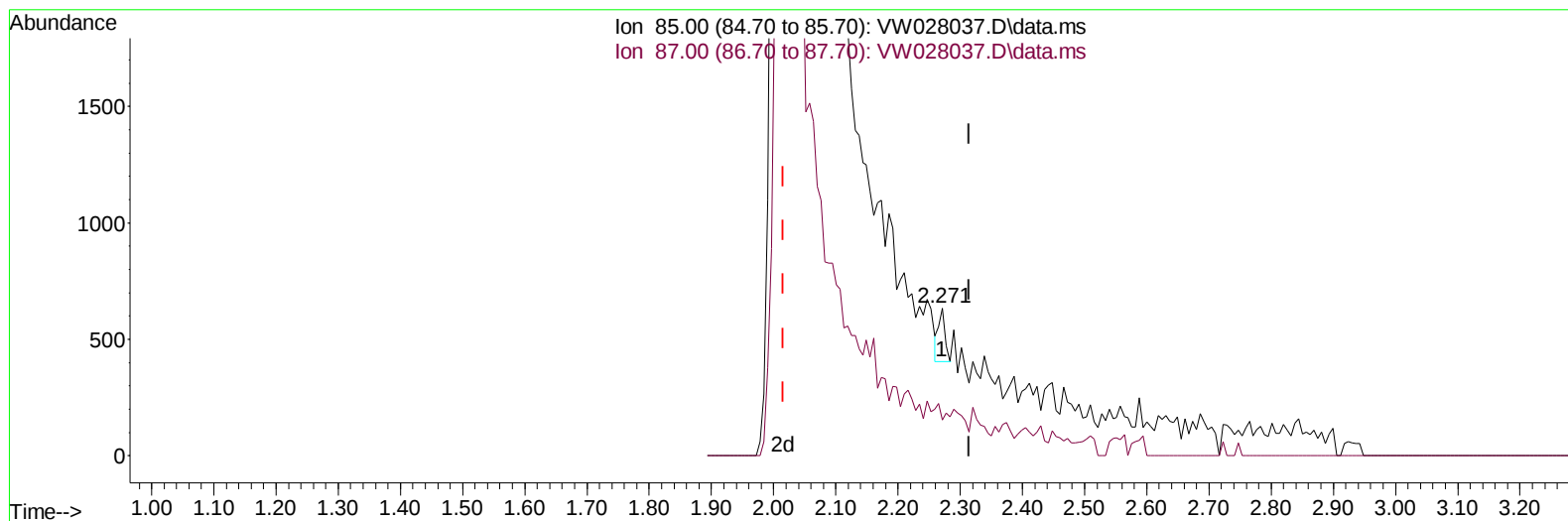
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021624\
 Data File : VW028037.D
 Acq On : 16 Feb 2024 17:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Feb 18 23:54:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/19/2024
 Supervised By :Mahesh Dadoda 02/20/2024



TIC: VW028037.D\data.ms

(2) Dichlorodifluoromethane (T)

2.271min (+ 0.256) 0.07 ug/L

response 162

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	31.60	25.93
0.00	0.00	0.00
0.00	0.00	0.00

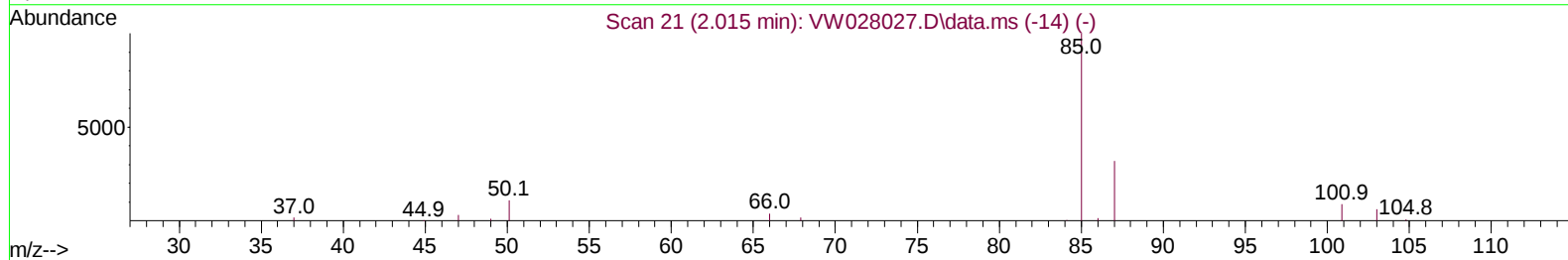
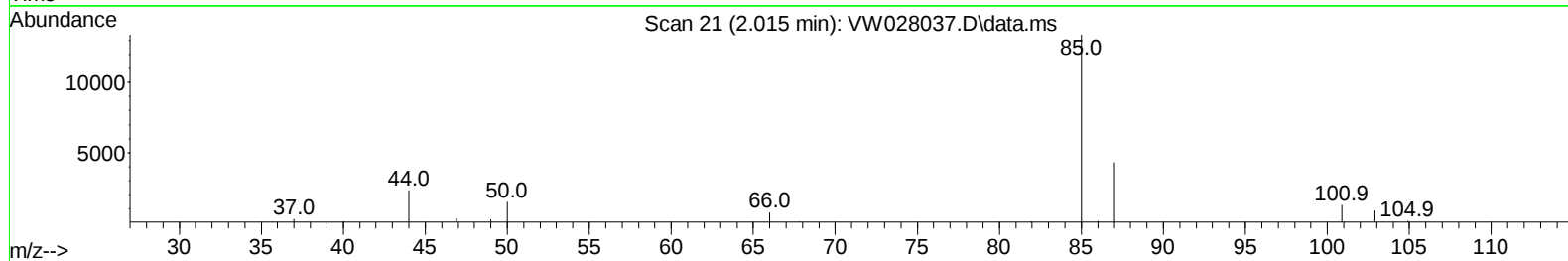
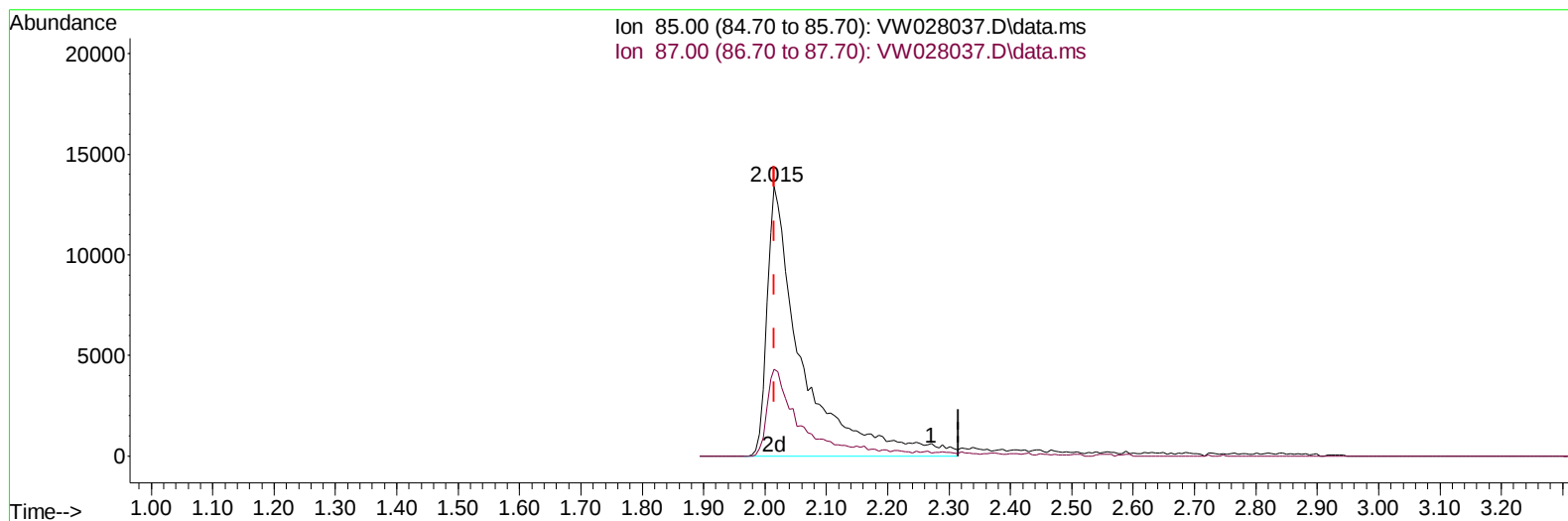
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TIC: VW028037.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (0.000) 23.13 ug/L m

response 53414

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	31.60	0.08#
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	8.843	114	268206	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	237770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	131347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	56536	17.998	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	72.000%	
7) Chloroethane-d5	2.899	69	52419	22.001	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	4.027	65	25670	19.098	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	76.400%	
21) 2-Butanone-d5	7.069	46	30204	61.882	ug/L	-0.01
Spiked Amount 50.000	Range 20	- 135	Recovery	=	123.760%	
24) Chloroform-d	7.648	84	148183	23.629	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	94.520%	
26) 1,2-Dichloroethane-d4	8.307	65	72262	25.513	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	102.040%	
32) Benzene-d6	8.270	84	292674	23.007	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	92.040%	
36) 1,2-Dichloropropane-d6	9.270	67	82216	23.836	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	95.360%	
41) Toluene-d8	10.318	98	279531	22.965	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	91.880%	
43) trans-1,3-Dichloroprop...	10.575	79	35084	24.734	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	98.920%	
47) 2-Hexanone-d5	10.922	63	30457	64.917	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	129.840%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73681	28.580	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	114.320%	
66) 1,2-Dichlorobenzene-d4	13.848	152	106875	23.940	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	95.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53414m	23.126	ug/L	
3) Chloromethane	2.222	50	47638	18.781	ug/L	99
5) Vinyl chloride	2.375	62	66142	19.239	ug/L	100
6) Bromomethane	2.789	94	50515	20.795	ug/L	96
8) Chloroethane	2.942	64	44273	22.792	ug/L	96
9) Trichlorofluoromethane	3.271	101	54705	17.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	62006	19.689	ug/L	98
12) 1,1-Dichloroethene	4.045	96	60668	20.708	ug/L	94
13) Acetone	4.124	43	22162	46.694	ug/L	93
14) Carbon disulfide	4.393	76	158808	18.310	ug/L	100
15) Methyl Acetate	4.667	43	21762	27.543	ug/L	100
16) Methylene chloride	4.923	84	73993	22.072	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	68425	21.738	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	100260	26.869	ug/L	99
19) 1,1-Dichloroethane	6.216	63	120172	23.501	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79191	23.825	ug/L	97
22) 2-Butanone	7.167	43	30170	55.068	ug/L	97
23) Bromochloromethane	7.514	128	37341	25.291	ug/L	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.673	83	137243	24.967	ug/L	95
27) 1,2-Dichloroethane	8.398	62	81768	26.711	ug/L	96
29) Cyclohexane	7.959	56	86482	20.407	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	108656	23.673	ug/L	100
31) Carbon tetrachloride	8.069	117	99449	23.420	ug/L	100
33) Benzene	8.319	78	279579	23.542	ug/L	100
34) Trichloroethene	9.093	95	78093	22.906	ug/L	98
35) Methylcyclohexane	9.337	83	115596	20.605	ug/L	100
37) 1,2-Dichloropropane	9.367	63	69895	25.046	ug/L	100
38) Bromodichloromethane	9.642	83	99581	26.733	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	112971	25.257	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	66351	62.994	ug/L	99
42) Toluene	10.386	91	316563	23.775	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	94464	26.608	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	60786	27.519	ug/L	97
46) Tetrachloroethene	10.861	164	65641	22.882	ug/L	89
48) 2-Hexanone	10.965	43	47102	59.040	ug/L	100
49) Dibromochloromethane	11.123	129	69730	27.690	ug/L	92
50) 1,2-Dibromoethane	11.233	107	55096	26.723	ug/L	97
51) Chlorobenzene	11.654	112	218438	24.665	ug/L	96
52) Ethylbenzene	11.727	91	365655	24.357	ug/L	99
53) m,p-Xylene	11.836	106	143273	24.335	ug/L	95
54) o-Xylene	12.160	106	133949	24.258	ug/L	96
55) Styrene	12.178	104	234584	25.506	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	67426	28.505	ug/L	95
59) Bromoform	12.343	173	40165	25.908	ug/L	100
60) Isopropylbenzene	12.458	105	376921	22.983	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47489	27.091	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	315157	24.014	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	309699	24.115	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	178172	23.650	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	179952	23.493	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	160461	24.114	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	9864	28.343	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	126991	23.474	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	102792	23.530	ug/L	100
71) Naphthalene	15.360	128	189599	27.929	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84532	23.192	ug/L	94

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

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