

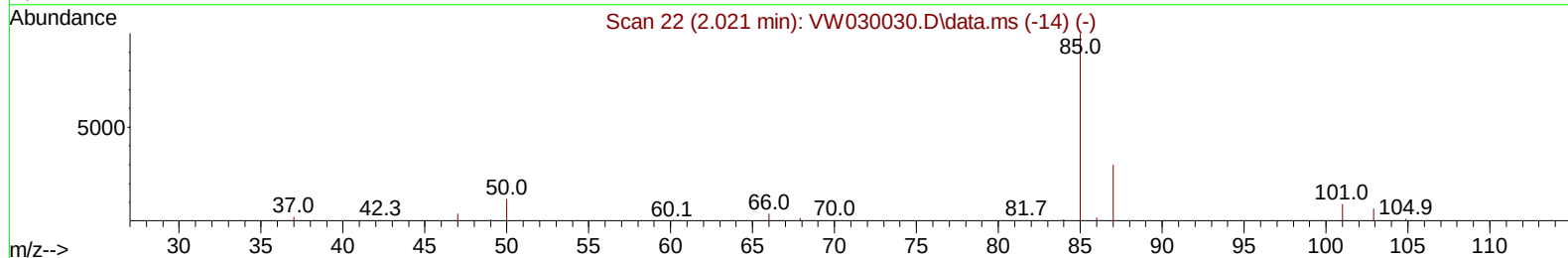
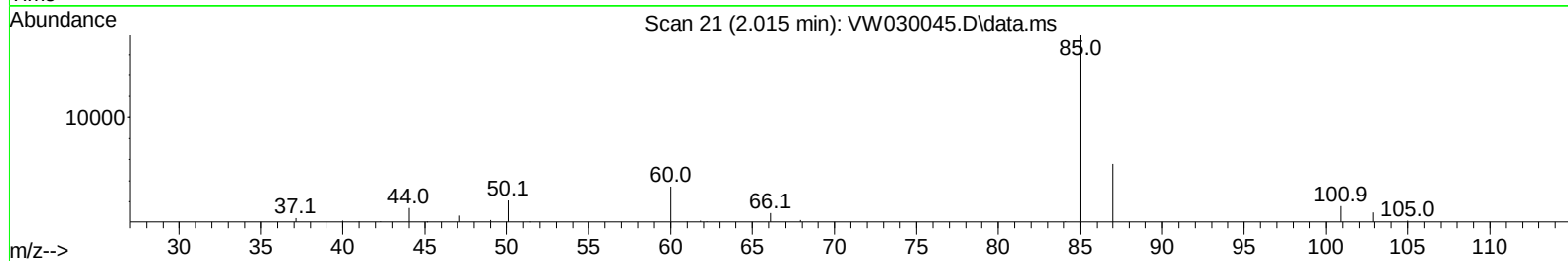
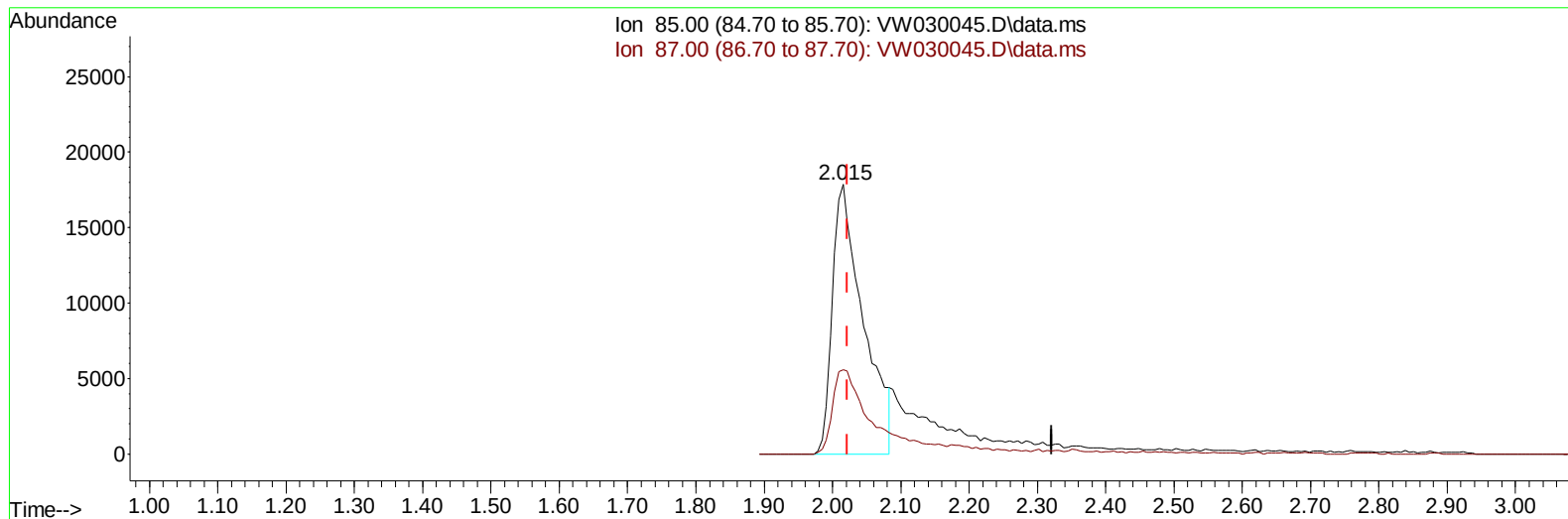
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030045.D
Acq On : 27 Aug 2024 15:33
Operator : SY/MD
Sample : P3675-20MS
Misc : 5.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYA1MS

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:15:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration



TIC: VW030045.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.006) 16.37 ug/L

response 55841

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.20	39.34#
0.00	0.00	0.00
0.00	0.00	0.00

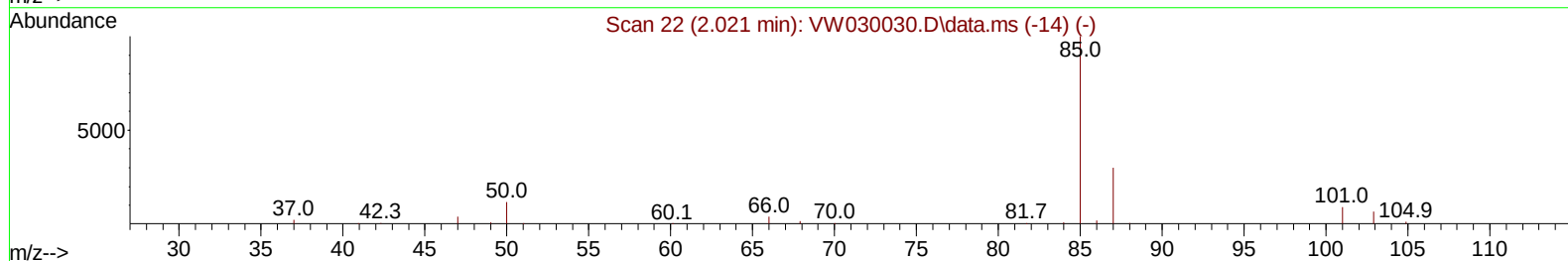
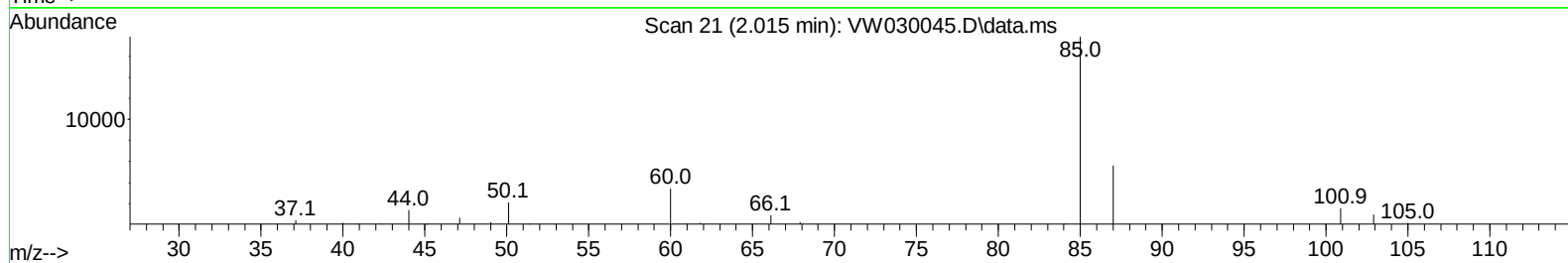
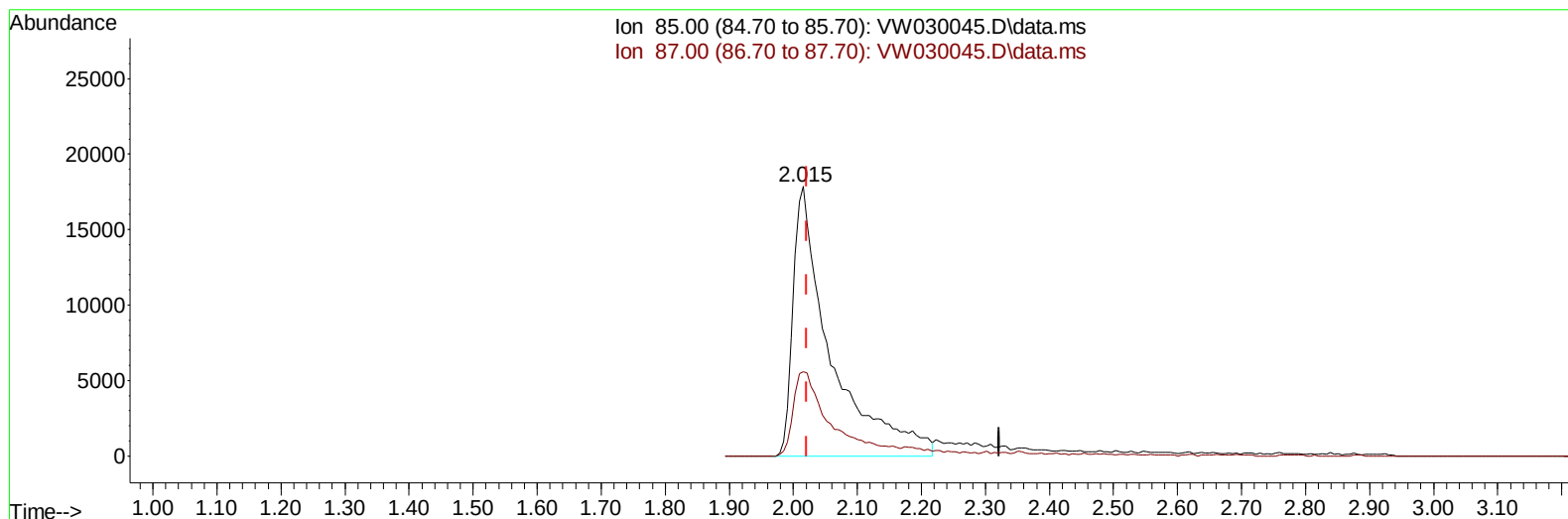
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TIC: VW030045.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.006) 21.34 ug/L m

response 72794

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.20	30.18
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	296522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	267777	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125868	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77597	17.585	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	70.360%	
7) Chloroethane-d5	2.899	69	54424	17.378	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	69.520%	
11) 1,1-Dichloroethene-d2	4.021	65	34674	18.392	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	73.560%	
21) 2-Butanone-d5	7.088	46	50029	56.876	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	113.760%	
24) Chloroform-d	7.648	84	152265	19.042	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	76.160%	
26) 1,2-Dichloroethane-d4	8.307	65	85242	20.994	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	83.960%	
32) Benzene-d6	8.276	84	304823	19.285	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	77.160%	
36) 1,2-Dichloropropane-d6	9.270	67	94321	20.368	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	81.480%	
41) Toluene-d8	10.319	98	276648	19.230	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	76.920%	
43) trans-1,3-Dichloroprop...	10.575	79	39935	20.964	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	83.840%	
47) 2-Hexanone-d5	10.922	63	45236	63.825	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	127.660%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86797	25.457	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	101.840%	
66) 1,2-Dichlorobenzene-d4	13.849	152	86184	18.930	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	75.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72794m	21.345	ug/L	
3) Chloromethane	2.223	50	72276	18.230	ug/L	97
5) Vinyl chloride	2.375	62	83508	17.820	ug/L	95
6) Bromomethane	2.790	94	48432	16.631	ug/L	99
8) Chloroethane	2.936	64	46531	17.232	ug/L	98
9) Trichlorofluoromethane	3.265	101	72065	17.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	69497	17.901	ug/L	98
12) 1,1-Dichloroethene	4.045	96	66682	17.544	ug/L	94
13) Acetone	4.143	43	185047	230.001	ug/L	98
14) Carbon disulfide	4.399	76	222690	18.887	ug/L	97
15) Methyl Acetate	4.679	43	37523	23.921	ug/L	97
16) Methylene chloride	4.923	84	85207	17.395	ug/L	87
17) trans-1,2-Dichloroethene	5.429	96	75186	17.887	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	128901	20.052	ug/L	98
19) 1,1-Dichloroethane	6.222	63	143113	18.322	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	80797	17.391	ug/L	93
22) 2-Butanone	7.179	43	71073	61.734	ug/L	96
23) Bromochloromethane	7.514	128	35826	18.181	ug/L	90

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 Quant Title : SFAM01.0
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Reviewed By :Romaben Patel 08/28/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.673	83	142726	17.864	ug/L	99
27) 1,2-Dichloroethane	8.398	62	100358	19.623	ug/L	99
29) Cyclohexane	7.953	56	130866	20.240	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	113009	18.018	ug/L	99
31) Carbon tetrachloride	8.069	117	102960	18.272	ug/L	99
33) Benzene	8.319	78	315650	18.398	ug/L	100
34) Trichloroethene	9.093	95	82745	17.911	ug/L	97
35) Methylcyclohexane	9.337	83	141547	18.708	ug/L	95
37) 1,2-Dichloropropane	9.368	63	84023	19.340	ug/L	99
38) Bromodichloromethane	9.642	83	101898	18.589	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	126653	18.941	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	127518	58.965	ug/L	97
42) Toluene	10.386	91	335595	18.368	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	106387	19.661	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	62230	19.543	ug/L	93
46) Tetrachloroethene	10.861	164	59336	16.923	ug/L	90
48) 2-Hexanone	10.965	43	92091	59.901	ug/L	96
49) Dibromochloromethane	11.123	129	67103	19.833	ug/L	94
50) 1,2-Dibromoethane	11.233	107	63490	21.345	ug/L	97
51) Chlorobenzene	11.654	112	202387	17.324	ug/L	95
52) Ethylbenzene	11.727	91	371431	17.942	ug/L	97
53) m,p-Xylene	11.837	106	138032	17.867	ug/L	97
54) o-Xylene	12.160	106	128132	17.280	ug/L	93
55) Styrene	12.178	104	121630	9.790	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	86015	23.987	ug/L	99
59) Bromoform	12.349	173	40815	21.775	ug/L	96
60) Isopropylbenzene	12.459	105	358371	17.846	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62923	24.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	277863	18.610	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	306184	19.455	ug/L	90
64) 1,3-Dichlorobenzene	13.495	146	142667	16.665	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	152376	17.620	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	136173	17.782	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14623	26.692	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	79306	14.189	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	73158	15.124	ug/L	97
71) Naphthalene	15.360	128	203172	21.995	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	68351	16.098	ug/L	98

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

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