

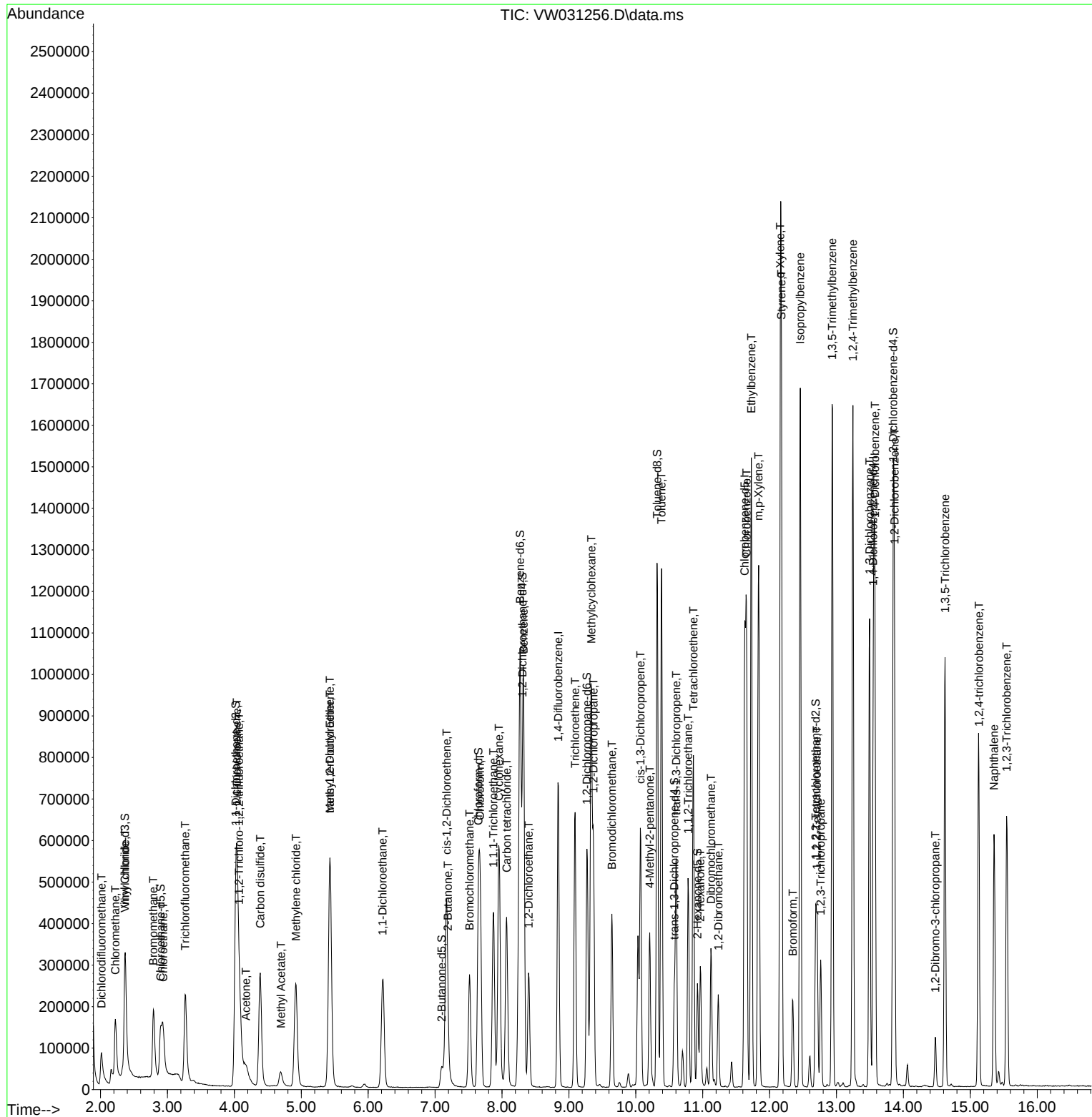
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
Data File : VW031256.D
Acq On : 13 Dec 2024 23:19
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Quant Time: Dec 17 12:51:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 12/23/2024
Supervised By : Mahesh Dadoda 12/23/2024



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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	622934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	259139	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	241394	25.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.000%
7) Chloroethane-d5	2.899	69	182360	26.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	4.021	65	114814	25.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.280%
21) 2-Butanone-d5	7.100	46	109505	62.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.080%
24) Chloroform-d	7.648	84	449900	26.360	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.440%
26) 1,2-Dichloroethane-d4	8.307	65	240664	28.076	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.320%
32) Benzene-d6	8.270	84	902240	25.909	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.270	67	266163	26.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.880%
41) Toluene-d8	10.318	98	842557	26.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.040%
43) trans-1,3-Dichloroprop...	10.575	79	124559	26.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.480%
47) 2-Hexanone-d5	10.922	63	86624	63.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	192181	30.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	250907	26.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	152746	27.132	ug/L	99
3) Chloromethane	2.222	50	180215	28.494	ug/L	98
5) Vinyl chloride	2.369	62	224424	25.605	ug/L	99
6) Bromomethane	2.789	94	143689	26.665	ug/L	99
8) Chloroethane	2.936	64	137131	26.308	ug/L	99
9) Trichlorofluoromethane	3.265	101	268652	28.771	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	191825	25.441	ug/L	96
12) 1,1-Dichloroethene	4.039	96	192321	25.184	ug/L	100
13) Acetone	4.173	43	95691	38.927	ug/L #	100
14) Carbon disulfide	4.387	76	611187	24.540	ug/L	100
15) Methyl Acetate	4.698	43	90649m	32.467	ug/L	
16) Methylene chloride	4.923	84	195767	24.977	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	210962	25.628	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	390807	28.399	ug/L	99
19) 1,1-Dichloroethane	6.216	63	395264	25.696	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	229647	25.785	ug/L	98
22) 2-Butanone	7.191	43	131472	44.140	ug/L	97
23) Bromochloromethane	7.514	128	94748	26.675	ug/L	97
25) Chloroform	7.673	83	391416	25.782	ug/L	97

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Instrument :
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 ClientSampleId :
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Quant Time: Dec 17 12:51:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	260377	27.281	ug/L	99
29) Cyclohexane	7.953	56	354850	24.083	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	349425	24.882	ug/L	99
31) Carbon tetrachloride	8.069	117	312400	24.970	ug/L	99
33) Benzene	8.325	78	839818	25.013	ug/L	100
34) Trichloroethene	9.093	95	234665	24.756	ug/L	91
35) Methylcyclohexane	9.337	83	405567	24.568	ug/L	99
37) 1,2-Dichloropropane	9.367	63	216910	25.896	ug/L	99
38) Bromodichloromethane	9.642	83	279101	25.631	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	357571	25.263	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	250140	56.289	ug/L	99
42) Toluene	10.386	91	912469	24.961	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	303375	26.250	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	153456	27.544	ug/L	98
46) Tetrachloroethene	10.861	164	168699	24.296	ug/L	96
48) 2-Hexanone	10.965	43	187830	49.697	ug/L	98
49) Dibromochloromethane	11.123	129	173845	26.324	ug/L	95
50) 1,2-Dibromoethane	11.233	107	149263	28.282	ug/L	95
51) Chlorobenzene	11.654	112	583926	25.477	ug/L	98
52) Ethylbenzene	11.727	91	1052573	24.844	ug/L	97
53) m,p-Xylene	11.836	106	407741	25.281	ug/L	100
54) o-Xylene	12.160	106	378848	24.923	ug/L	96
55) Styrene	12.178	104	649690	25.695	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	174599	29.071	ug/L	96
59) Bromoform	12.349	173	96487	26.504	ug/L	100
60) Isopropylbenzene	12.458	105	1076607	25.387	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	129503	29.205	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	906966	25.226	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	879576	25.312	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	447830	26.065	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	418718	24.596	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	391633	26.455	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	31434	27.934	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	297385	24.714	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	250976	25.073	ug/L	99
71) Naphthalene	15.354	128	530014	30.202	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	211240	26.193	ug/L	98

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

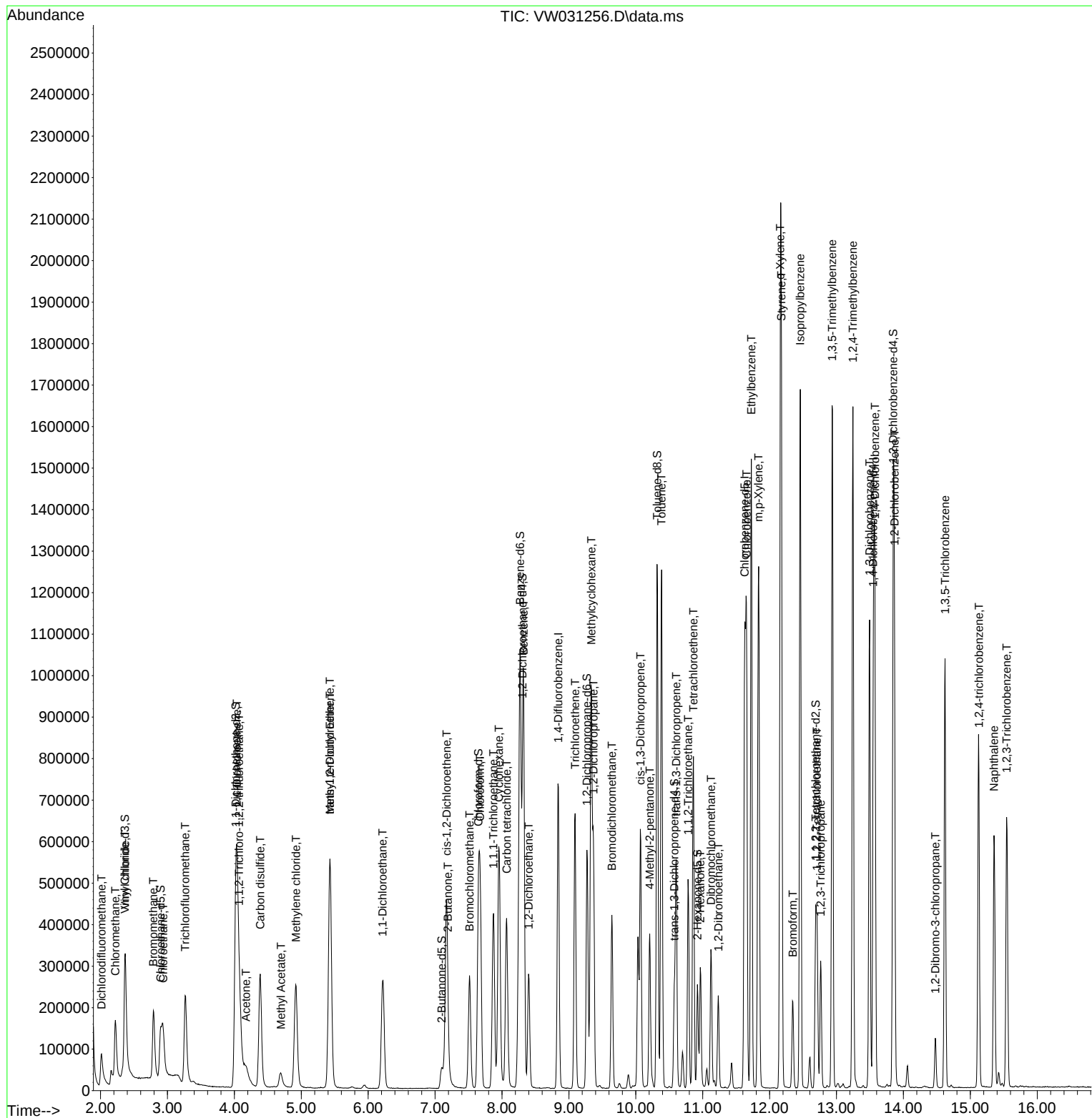
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Quant Time: Dec 17 12:51:24 2024
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 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
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Manual Integrations APPROVED

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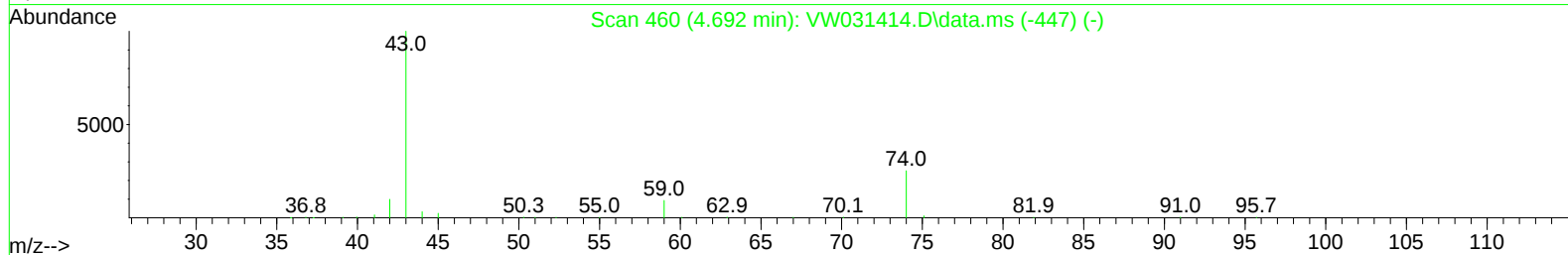
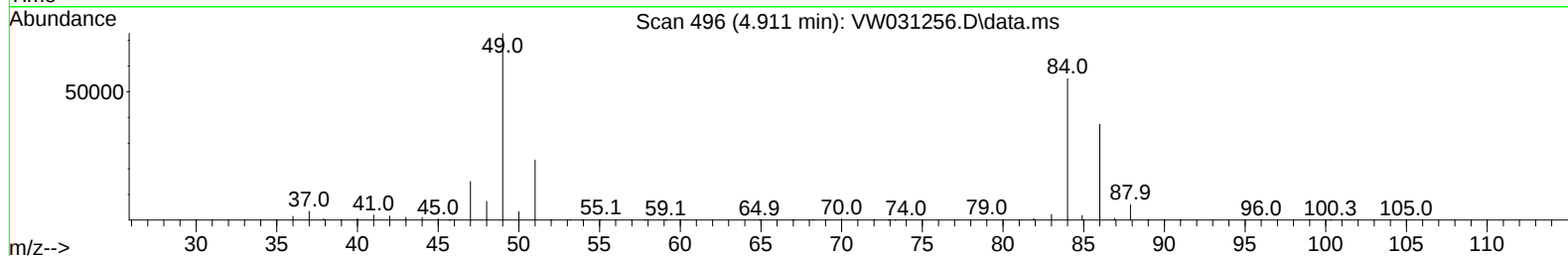
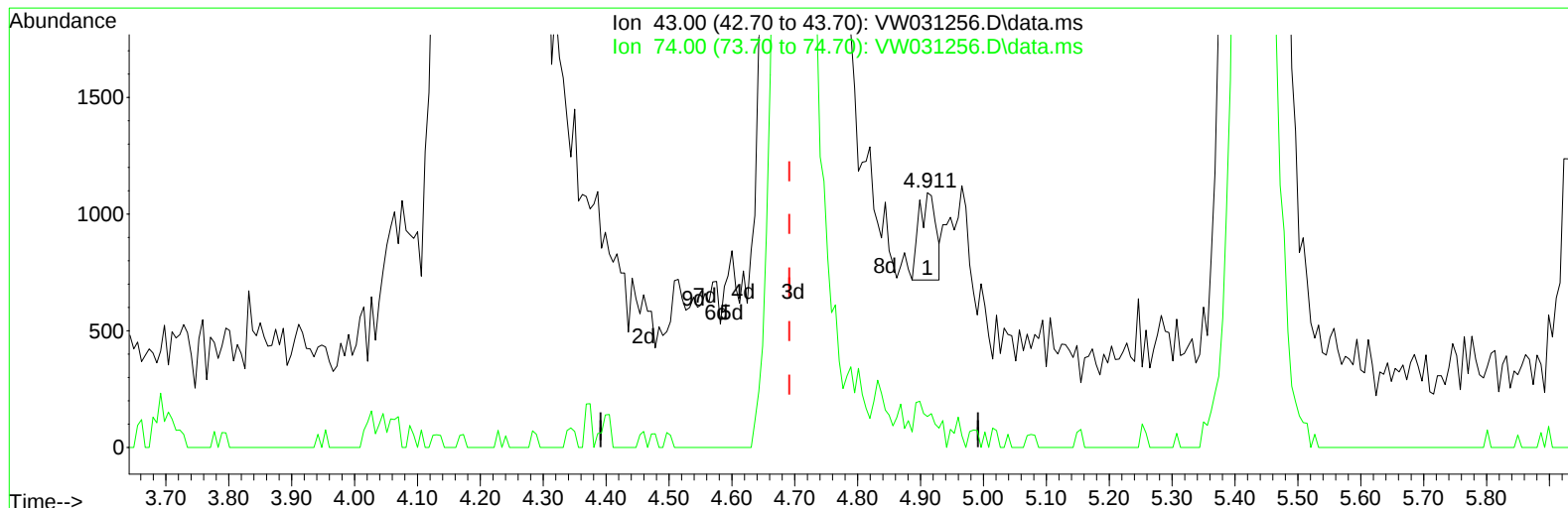
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MSVOA_W
ClientSampleId :
VSTD025588

Quant Time: Dec 23 08:08:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 23 01:56:19 2024
Response via : Initial Calibration

Manual Integrations
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Supervised By :Mahesh Dadoda 12/23/2024



TIC: VW031256.D\data.ms

(15) Methyl Acetate (T)

4.911min (+ 0.219) 0.25 ug/L

response 685

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	23.60	21.46
0.00	0.00	0.00
0.00	0.00	0.00

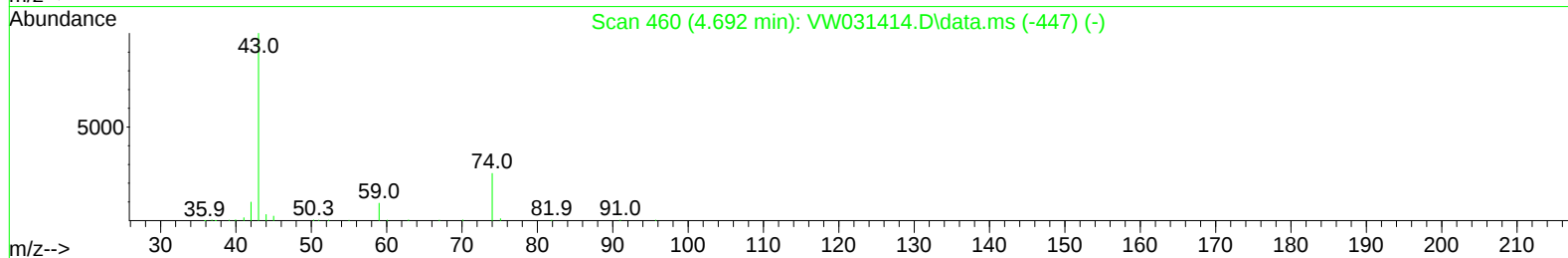
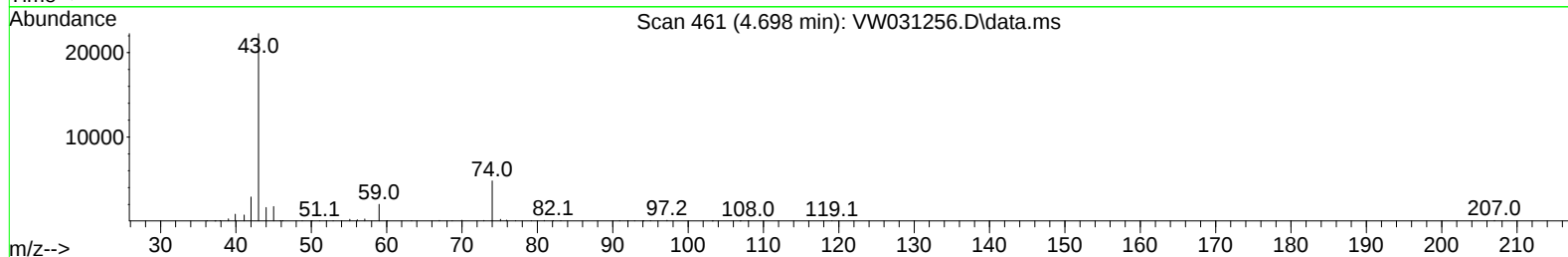
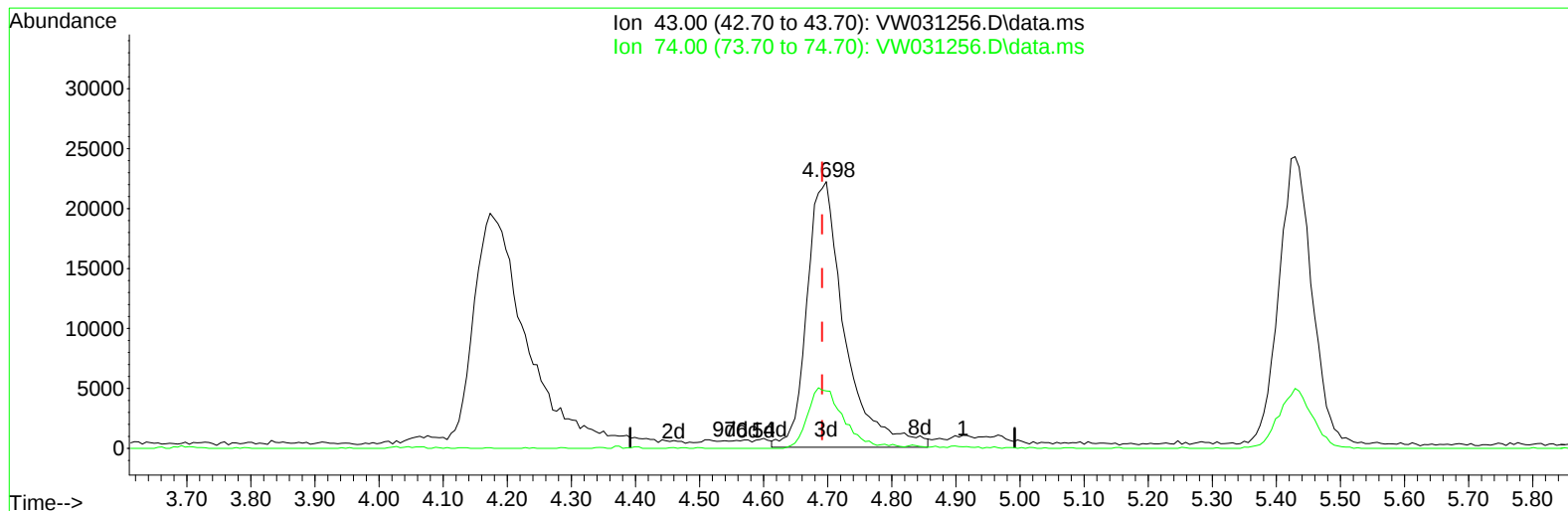
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TIC: VW031256.D\data.ms

(15) Methyl Acetate (T)

4.698min (+ 0.006) 32.47 ug/L m

response 90649

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	23.60	0.16#
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	622934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	259139	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	241394	25.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.000%
7) Chloroethane-d5	2.899	69	182360	26.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	4.021	65	114814	25.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.280%
21) 2-Butanone-d5	7.100	46	109505	62.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.080%
24) Chloroform-d	7.648	84	449900	26.360	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.440%
26) 1,2-Dichloroethane-d4	8.307	65	240664	28.076	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.320%
32) Benzene-d6	8.270	84	902240	25.909	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.270	67	266163	26.225	ug/L	0.00
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47) 2-Hexanone-d5	10.922	63	86624	63.466	ug/L	0.00
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66) 1,2-Dichlorobenzene-d4	13.848	152	250907	26.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	152746	27.132	ug/L	99
3) Chloromethane	2.222	50	180215	28.494	ug/L	98
5) Vinyl chloride	2.369	62	224424	25.605	ug/L	99
6) Bromomethane	2.789	94	143689	26.665	ug/L	99
8) Chloroethane	2.936	64	137131	26.308	ug/L	99
9) Trichlorofluoromethane	3.265	101	268652	28.771	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	191825	25.441	ug/L	96
12) 1,1-Dichloroethene	4.039	96	192321	25.184	ug/L	100
13) Acetone	4.173	43	95691	38.927	ug/L #	100
14) Carbon disulfide	4.387	76	611187	24.540	ug/L	100
15) Methyl Acetate	4.698	43	90649m	32.467	ug/L	
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29) Cyclohexane	7.953	56	354850	24.083	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	349425	24.882	ug/L	99
31) Carbon tetrachloride	8.069	117	312400	24.970	ug/L	99
33) Benzene	8.325	78	839818	25.013	ug/L	100
34) Trichloroethene	9.093	95	234665	24.756	ug/L	91
35) Methylcyclohexane	9.337	83	405567	24.568	ug/L	99
37) 1,2-Dichloropropane	9.367	63	216910	25.896	ug/L	99
38) Bromodichloromethane	9.642	83	279101	25.631	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	357571	25.263	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	250140	56.289	ug/L	99
42) Toluene	10.386	91	912469	24.961	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	303375	26.250	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	153456	27.544	ug/L	98
46) Tetrachloroethene	10.861	164	168699	24.296	ug/L	96
48) 2-Hexanone	10.965	43	187830	49.697	ug/L	98
49) Dibromochloromethane	11.123	129	173845	26.324	ug/L	95
50) 1,2-Dibromoethane	11.233	107	149263	28.282	ug/L	95
51) Chlorobenzene	11.654	112	583926	25.477	ug/L	98
52) Ethylbenzene	11.727	91	1052573	24.844	ug/L	97
53) m,p-Xylene	11.836	106	407741	25.281	ug/L	100
54) o-Xylene	12.160	106	378848	24.923	ug/L	96
55) Styrene	12.178	104	649690	25.695	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	174599	29.071	ug/L	96
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60) Isopropylbenzene	12.458	105	1076607	25.387	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	129503	29.205	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	906966	25.226	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	879576	25.312	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	447830	26.065	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	418718	24.596	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	391633	26.455	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	31434	27.934	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	297385	24.714	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	250976	25.073	ug/L	99
71) Naphthalene	15.354	128	530014	30.202	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	211240	26.193	ug/L	98

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