LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030486.D
Acq On : 09 Oct 2024 20:23
Operator : SY/MD
Sample : P4346-12
Misc : 2.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Title : SFAM01.0

Signal : TIC: VW030486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	38	41	42	rBV2	861	839	0.06%	0.010%
2	2.204	50	52	53	rBV2	1070	904	0.06%	0.010%
3	2.222	53	55	57	rVB3	1474	1333	0.09%	0.015%
4	2.362	72	78	91	rVB	102856	223841	15.36%	2.591%
5	2.820	148	153	158	rBV	8784	17964	1.23%	0.208%
6	2.905	159	167	183	rVB	73437	221548	15.20%	2.564%
7	3.259	224	225	229	rVB3	934	991	0.07%	0.011%
8	3.399	241	248	256	rBV8	2798	8707	0.60%	0.101%
9	3.478	260	261	264	rVV3	616	625	0.04%	0.007%
10	3.667	290	292	294	rVB2	1085	717	0.05%	0.008%
11	3.704	294	298	301	rBV5	748	1132	0.08%	0.013%
12	3.746	302	305	308	rBV3	481	588	0.04%	0.007%
13	3.856	319	323	325	rBV4	1673	2384	0.16%	0.028%
14	4.027	338	351	362	rBV	163746	471886	32.38%	5.462%
15	4.210	375	381	392	rVB2	14155	40233	2.76%	0.466%
16	4.392	406	411	420	rVV4	2344	6361	0.44%	0.074%
17	4.460	420	422	426	rVB3	622	648	0.04%	0.008%
18	4.612	444	447	448	rBV3	885	956	0.07%	0.011%
19	4.807	477	479	482	rBV4	641	691	0.05%	0.008%
20	4.905	485	495	507	rBV6	10935	40580	2.78%	0.470%
21	5.148	533	535	537	rBV3	476	631	0.04%	0.007%
22	5.380	570	573	575	rVB4	886	873	0.06%	0.010%
23	5.417	575	579	581	rBV3	808	1322	0.09%	0.015%
24	5.472	585	588	590	rVV4	781	987	0.07%	0.011%
25	5.569	601	604	606	rVB2	605	598	0.04%	0.007%
26	5.758	630	635	637	rBV4	1134	1581	0.11%	0.018%
27	5.789	637	640	642	rVV3	601	735	0.05%	0.009%
28	5.813	642	644	646	rVV2	899	650	0.04%	0.008%
29	5.947	659	666	674	rBV8	2035	6114	0.42%	0.071%
30	6.282	718	721	726	rBV5	1074	2078	0.14%	0.024%
31	6.618	773	776	780	rBV4	481	730	0.05%	0.008%
32	6.752	794	798	802	rVB4	687	1223	0.08%	0.014%
33	6.794	802	805	807	rBV3	723	782	0.05%	0.009%
34	6.996	834	838	840	rBV3	1044	1207	0.08%	0.014%
35	7.081	844	852	857	rBV2	37994	109051	7.48%	1.262%
36	7.343	892	895	897	rBV3	573	785	0.05%	0.009%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Title : SFAM01.0

37	7.654	934	946	960	rVV	267360	645011	44.26%	7.466%
38	7.752	960	962	963	rVV	789	627	0.04%	0.007%
39	7.788	966	968	971	rVV3	985	774	0.05%	0.009%
40	7.819	971	973	976	rVB4	544	673	0.05%	0.008%
41	7.904	983	987	990	rVB6	729	1167	0.08%	0.014%
42	7.947	990	994	996	rBV5	855	1144	0.08%	0.013%
43	8.014	1001	1005	1009	rBV6	480	906	0.06%	0.010%
44	8.093	1017	1018	1022	rVB2	633	658	0.05%	0.008%
45	8.154	1022	1028	1030	rBV5	864	1568	0.11%	0.018%
46	8.276	1037	1048	1069	rBV2	464639	1457213	100.00%	16.867%
47	8.465	1077	1079	1086	rVB6	1217	2077	0.14%	0.024%
48	8.526	1088	1089	1092	rBV3	884	659	0.05%	0.008%
49	8.556	1092	1094	1096	rBV3	775	873	0.06%	0.010%
50	8.697	1110	1117	1123	rBV7	1533	3910	0.27%	0.045%
51	8.843	1132	1141	1154	rBV	391157	770532	52.88%	8.919%
52	9.075	1171	1179	1185	rVV10	2840	6960	0.48%	0.081%
53	9.276	1202	1212	1222	rBV	343107	723247	49.63%	8.372%
54	9.660	1272	1275	1276	rBV2	832	727	0.05%	0.008%
55	9.977	1324	1327	1330	rBV4	592	871	0.06%	0.010%
56	10.038	1330	1337	1350	rBV	116435	217925	14.95%	2.523%
57	10.208	1363	1365	1369	rBV4	1013	852	0.06%	0.010%
58	10.239	1369	1370	1376	rVB7	1239	1355	0.09%	0.016%
59	10.324	1376	1384	1393	rBV	521583	909152	62.39%	10.524%
60	10.446	1402	1404	1406	rVB2	870	646	0.04%	0.007%
61	10.507	1412	1414	1418	rVV5	1142	1260	0.09%	0.015%
62	10.580	1419	1426	1436	rVV	75349	136748	9.38%	1.583%
63	10.702	1439	1446	1451	rVV	22903	41811	2.87%	0.484%
64	10.757	1453	1455	1461	rVV6	2970	4265	0.29%	0.049%
65	10.922	1475	1482	1496	rBV	157000	308131	21.15%	3.567%
66	11.062	1500	1505	1513	rVB2	15982	29566	2.03%	0.342%
67	11.220	1529	1531	1538	rVB6	1535	2761	0.19%	0.032%
68	11.373	1553	1556	1559	rVB5	840	1126	0.08%	0.013%
69	11.434	1561	1566	1571	rVV3	3673	6235	0.43%	0.072%
70	11.629	1590	1598	1611	rBV	377423	638802	43.84%	7.394%
71	11.830	1628	1631	1633	rBV3	1994	2497	0.17%	0.029%
72	11.958	1650	1652	1654	rBV3	1272	1224	0.08%	0.014%
73	11.983	1654	1656	1659	rVV3	968	1150	0.08%	0.013%
74	12.025	1661	1663	1665	rVV3	1058	954	0.07%	0.011%
75	12.062	1665	1669	1672	rVB6	888	1334	0.09%	0.015%
76	12.123	1678	1679	1680	rBV	1025	647	0.04%	0.007%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Title : SFAM01.0

77	12.159	1682	1685	1691	rVB5	1866	3934	0.27%	0.046%
78	12.306	1706	1709	1710	rBV3	553	624	0.04%	0.007%
79	12.330	1712	1713	1714	rVV	1586	976	0.07%	0.011%
80	12.348	1714	1716	1724	rVB8	2000	4769	0.33%	0.055%
81	12.458	1731	1734	1739	rVB5	1217	1371	0.09%	0.016%
82	12.543	1746	1748	1750	rVB3	916	797	0.05%	0.009%
83	12.604	1750	1758	1765	rBV	100321	170263	11.68%	1.971%
84	12.690	1765	1772	1780	rBV	261072	414766	28.46%	4.801%
85	12.745	1780	1781	1783	rBV2	954	835	0.06%	0.010%
86	12.934	1807	1812	1825	rVB8	7940	22013	1.51%	0.255%
87	13.025	1825	1827	1828	rBV2	1069	857	0.06%	0.010%
88	13.080	1833	1836	1837	rBV3	1828	2141	0.15%	0.025%
89	13.153	1845	1848	1849	rBV3	1121	1267	0.09%	0.015%
90	13.190	1851	1854	1857	rVV5	2066	2944	0.20%	0.034%
91	13.293	1868	1871	1876	rVB6	3094	4413	0.30%	0.051%
92	13.403	1886	1889	1894	rVB4	4063	5847	0.40%	0.068%
93	13.555	1907	1914	1928	rBV	180324	306653	21.04%	3.550%
94	13.757	1943	1947	1955	rBV9	3856	6718	0.46%	0.078%
95	13.848	1955	1962	1974	rBV	308846	519949	35.68%	6.018%
96	14.061	1992	1997	2007	rVB2	17788	32553	2.23%	0.377%
97	14.324	2037	2040	2043	rVB5	3662	3923	0.27%	0.045%
98	14.915	2133	2137	2142	rVB2	9839	14430	0.99%	0.167%
99	15.427	2217	2221	2225	rVB2	9334	15253	1.05%	0.177%
100	15.787	2278	2280	2282	rBV3	1976	1586	0.11%	0.018%

Sum of corrected areas: 8639195

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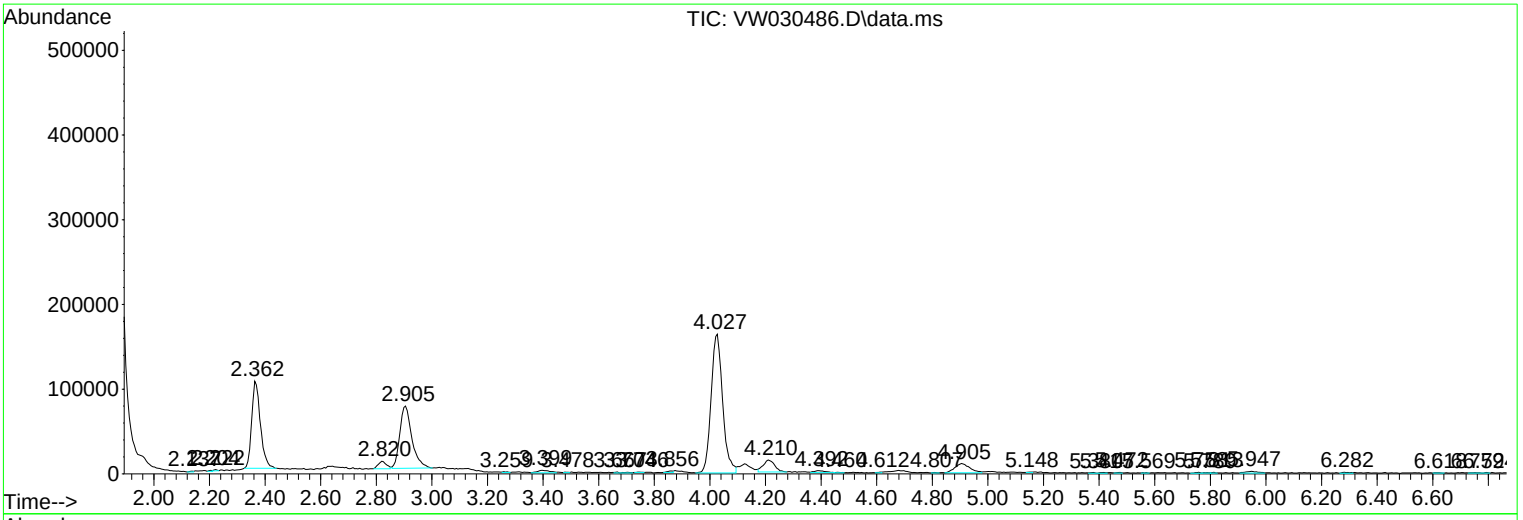
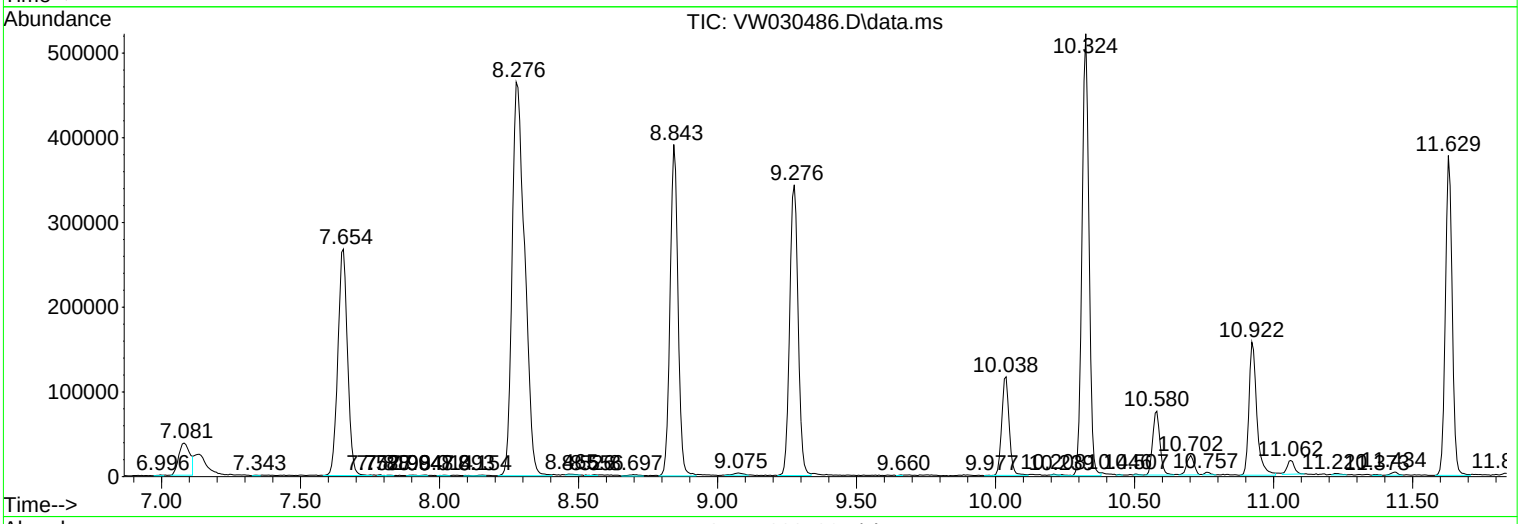
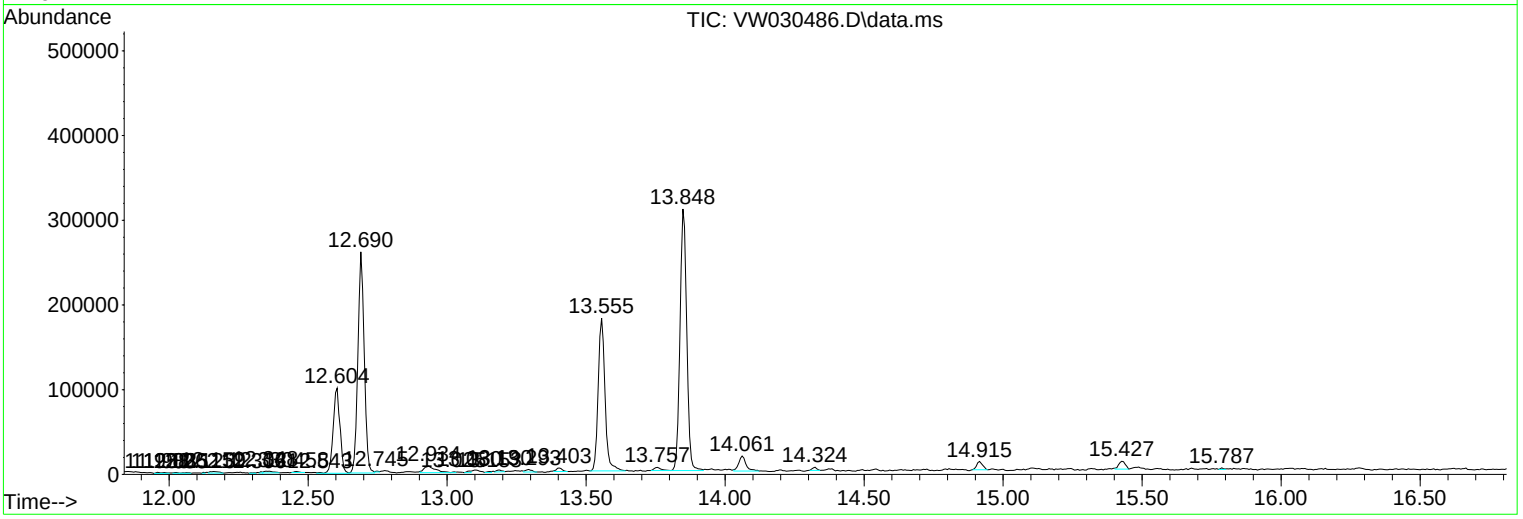
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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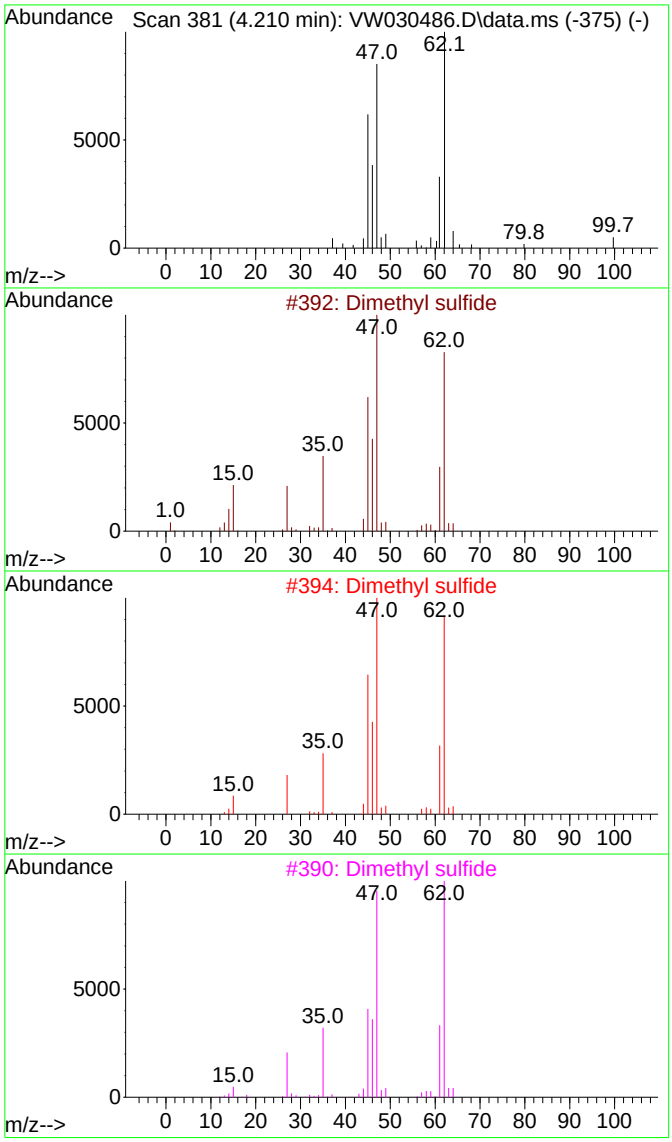
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

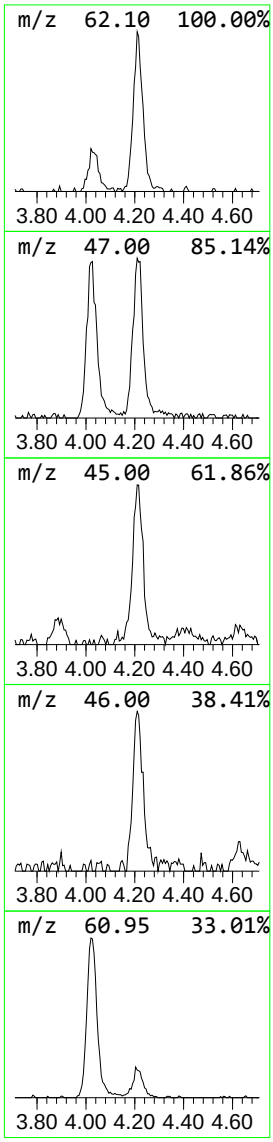
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dimethyl sulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.210	1.31 ug/L	40233	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl sulfide	4.210	1.3	ug/L	40233	1	8.843	770532	25.0