LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031666.D
Acq On : 30 Jan 2025 18:58
Operator : SY/MD
Sample : Q1189-05RE
Misc : 12.25g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44Q8RE

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\SFAMWLM011025SMA.M
Title : SFAM01.0

Signal : TIC: VW031666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	7	12	29	rVB4	30052	61047	7.93%	1.351%
2	2.174	40	47	49	rBV2	5242	10688	1.39%	0.237%
3	2.357	69	77	89	rBV2	33675	87030	11.30%	1.927%
4	2.899	160	166	176	rVB	19796	51325	6.66%	1.136%
5	3.387	241	246	254	rVB5	5009	12422	1.61%	0.275%
6	3.735	299	303	304	rBV3	849	1079	0.14%	0.024%
7	3.832	317	319	322	rBV3	870	1167	0.15%	0.026%
8	3.917	332	333	338	rBV4	625	986	0.13%	0.022%
9	4.015	338	349	364	rBV2	58551	202470	26.29%	4.482%
10	4.149	364	371	382	rVB	23119	73942	9.60%	1.637%
11	4.490	408	427	469	rBV2	100985	770093	100.00%	17.047%
12	4.905	492	495	496	rBV2	904	874	0.11%	0.019%
13	5.088	523	525	526	rBV	952	548	0.07%	0.012%
14	5.600	606	609	614	rBV3	524	834	0.11%	0.018%
15	5.765	633	636	637	rBV3	580	615	0.08%	0.014%
16	5.929	658	663	664	rVV3	1789	2822	0.37%	0.062%
17	5.948	664	666	676	rVB5	3086	6013	0.78%	0.133%
18	6.021	676	678	682	rBV3	727	1319	0.17%	0.029%
19	6.277	719	720	723	rVV2	587	539	0.07%	0.012%
20	6.380	734	737	740	rBV2	509	595	0.08%	0.013%
21	6.515	756	759	761	rBV3	624	795	0.10%	0.018%
22	6.563	765	767	769	rVV2	603	566	0.07%	0.013%
23	6.594	769	772	773	rVB2	671	595	0.08%	0.013%
24	6.618	773	776	779	rVB2	415	531	0.07%	0.012%
25	6.655	779	782	785	rVB4	555	723	0.09%	0.016%
26	6.899	816	822	823	rBV3	4715	7157	0.93%	0.158%
27	7.094	844	854	875	rBV2	31357	119437	15.51%	2.644%
28	7.270	878	883	889	rVB4	2116	5287	0.69%	0.117%
29	7.386	899	902	905	rBV5	528	692	0.09%	0.015%
30	7.459	912	914	916	rVB	622	503	0.07%	0.011%
31	7.539	924	927	929	rBV3	430	534	0.07%	0.012%
32	7.648	934	945	960	rVB	75639	185360	24.07%	4.103%
33	7.807	969	971	973	rBV3	643	759	0.10%	0.017%
34	7.917	984	989	990	rVV4	434	792	0.10%	0.018%
35	7.935	990	992	995	rVV3	584	665	0.09%	0.015%
36	8.014	1002	1005	1009	rVV3	510	664	0.09%	0.015%

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Misc : 12.25g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44Q8RE

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\SFAMWLM011025SMA.M
Title : SFAM01.0

37	8.154	1024	1028	1030	rVV2	711	878	0.11%	0.019%
38	8.173	1030	1031	1034	rVB3	582	562	0.07%	0.012%
39	8.270	1038	1047	1062	rVV2	153880	441980	57.39%	9.784%
40	8.520	1082	1088	1089	rBV4	1337	1838	0.24%	0.041%
41	8.624	1102	1105	1110	rVB2	653	688	0.09%	0.015%
42	8.703	1110	1118	1125	rBV3	2471	7364	0.96%	0.163%
43	8.837	1131	1140	1153	rBV	233764	463252	60.16%	10.255%
44	9.045	1171	1174	1175	rBV2	578	605	0.08%	0.013%
45	9.087	1175	1181	1182	rVV4	901	1276	0.17%	0.028%
46	9.270	1200	1211	1222	rBV	91368	193748	25.16%	4.289%
47	9.410	1227	1234	1243	rBV2	16496	34961	4.54%	0.774%
48	9.520	1250	1252	1254	rVB2	597	503	0.07%	0.011%
49	9.782	1292	1295	1297	rBV3	588	712	0.09%	0.016%
50	9.874	1307	1310	1312	rBV2	568	798	0.10%	0.018%
51	10.032	1328	1336	1346	rBV	40510	74764	9.71%	1.655%
52	10.136	1350	1353	1355	rVB3	733	569	0.07%	0.013%
53	10.160	1355	1357	1362	rVB2	348	533	0.07%	0.012%
54	10.209	1362	1365	1369	rVB4	355	545	0.07%	0.012%
55	10.319	1374	1383	1391	rBV	172408	308678	40.08%	6.833%
56	10.380	1391	1393	1398	rVV5	2123	3857	0.50%	0.085%
57	10.428	1398	1401	1404	rVB4	1086	1093	0.14%	0.024%
58	10.496	1410	1412	1418	rVB4	1645	2722	0.35%	0.060%
59	10.575	1418	1425	1435	rBV	20304	39140	5.08%	0.866%
60	10.697	1439	1445	1450	rBV	10961	19014	2.47%	0.421%
61	10.855	1468	1471	1473	rBV2	664	722	0.09%	0.016%
62	10.922	1476	1482	1496	rBV2	65726	127057	16.50%	2.813%
63	11.020	1496	1498	1500	rVV3	881	906	0.12%	0.020%
64	11.069	1500	1506	1522	rVB	99204	174217	22.62%	3.857%
65	11.331	1547	1549	1554	rVB5	605	757	0.10%	0.017%
66	11.440	1565	1567	1573	rVB5	519	906	0.12%	0.020%
67	11.575	1587	1589	1590	rVB	1080	686	0.09%	0.015%
68	11.629	1590	1598	1606	rBV	185655	323776	42.04%	7.167%
69	11.709	1608	1611	1618	rVB4	2874	4950	0.64%	0.110%
70	11.776	1620	1622	1625	rVB3	559	547	0.07%	0.012%
71	11.849	1627	1634	1641	rBV2	19915	44961	5.84%	0.995%
72	12.026	1661	1663	1667	rVB5	1460	1949	0.25%	0.043%
73	12.135	1679	1681	1682	rBV2	557	564	0.07%	0.012%
74	12.343	1708	1715	1721	rBV6	4941	11308	1.47%	0.250%
75	12.550	1747	1749	1751	rBV3	538	581	0.08%	0.013%
76	12.599	1751	1757	1764	rVV2	22457	38768	5.03%	0.858%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44Q8RE

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\SFAMWLM011025SMA.M
Title : SFAM01.0

77	12.690	1764	1772	1780	rVV	65782	112489	14.61%	2.490%
78	12.770	1782	1785	1789	rVB5	1221	1541	0.20%	0.034%
79	12.928	1806	1811	1814	rBV5	2600	4455	0.58%	0.099%
80	13.099	1835	1839	1844	rBV6	2295	4348	0.56%	0.096%
81	13.349	1879	1880	1883	rBV3	659	739	0.10%	0.016%
82	13.391	1883	1887	1896	rVV7	4165	9775	1.27%	0.216%
83	13.495	1900	1904	1907	rVB6	1921	2483	0.32%	0.055%
84	13.550	1907	1913	1922	rBV	84201	145649	18.91%	3.224%
85	13.641	1924	1928	1934	rBV3	8585	14096	1.83%	0.312%
86	13.849	1955	1962	1972	rBV	55265	100908	13.10%	2.234%
87	13.977	1981	1983	1986	rBV3	1193	1249	0.16%	0.028%
88	14.062	1991	1997	2004	rVV2	39010	66020	8.57%	1.461%
89	14.196	2015	2019	2024	rVB8	2019	3243	0.42%	0.072%
90	14.275	2030	2032	2034	rBV3	1196	751	0.10%	0.017%
91	14.324	2035	2040	2048	rVV6	8424	15675	2.04%	0.347%
92	14.464	2061	2063	2064	rBV2	1176	830	0.11%	0.018%
93	14.519	2068	2072	2082	rVB4	13242	26652	3.46%	0.590%
94	14.714	2101	2104	2109	rVB7	2489	3796	0.49%	0.084%
95	14.781	2110	2115	2118	rBV6	2355	4232	0.55%	0.094%
96	14.867	2127	2129	2132	rBV4	1004	932	0.12%	0.021%
97	15.300	2198	2200	2201	rBV2	1380	741	0.10%	0.016%
98	15.476	2223	2229	2235	rBV	21769	37240	4.84%	0.824%
99	15.580	2244	2246	2247	rBV2	1797	1596	0.21%	0.035%
100	15.787	2275	2280	2286	rBV5	8465	13796	1.79%	0.305%

Sum of corrected areas: 4517439

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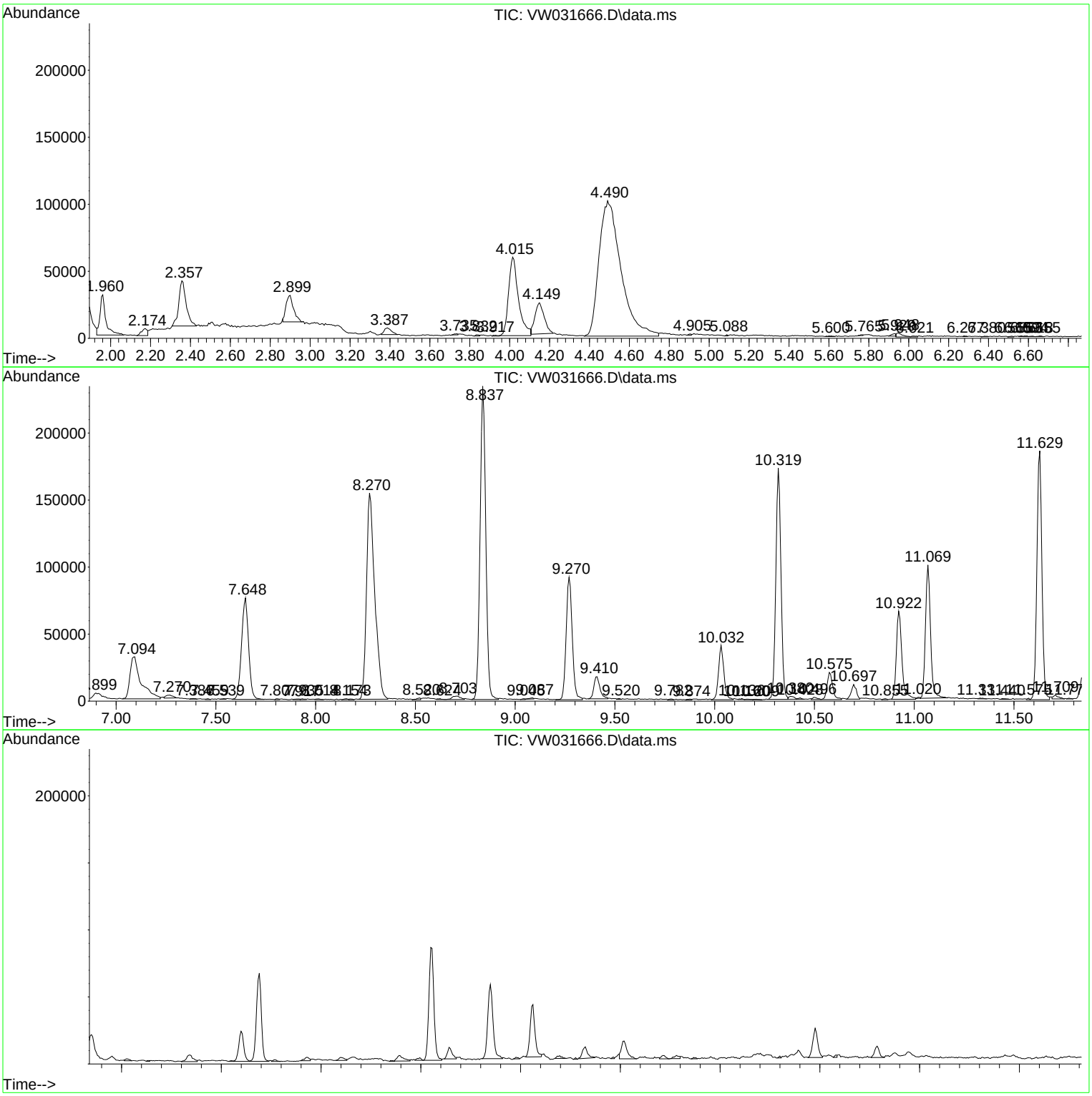
Instrument :
MSVOA_W
ClientSampleId :
A44Q8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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



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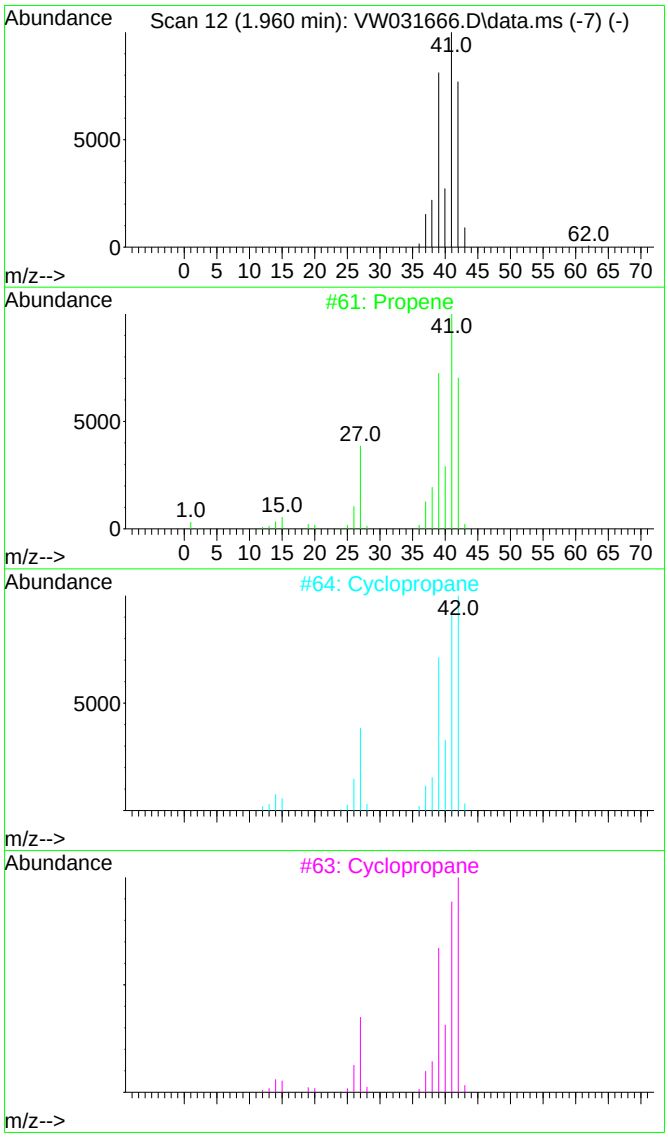
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

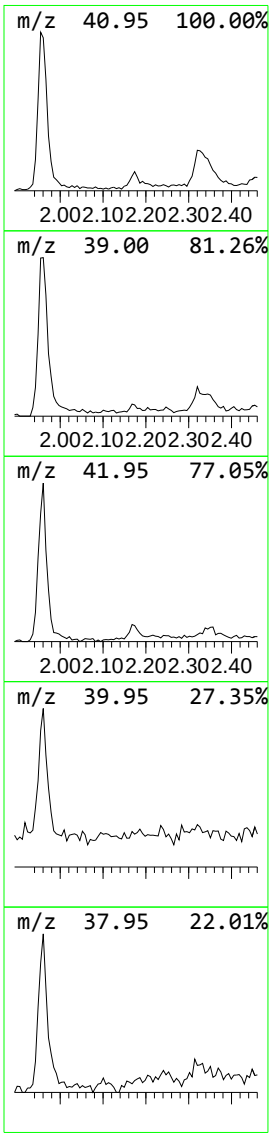
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.960	3.29 ug/L	61047	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	80
3	Cyclopropane	42	C3H6	000075-19-4	72
4	Cyclopropane	42	C3H6	000075-19-4	59
5	Propene	42	C3H6	000115-07-1	45





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Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44Q8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

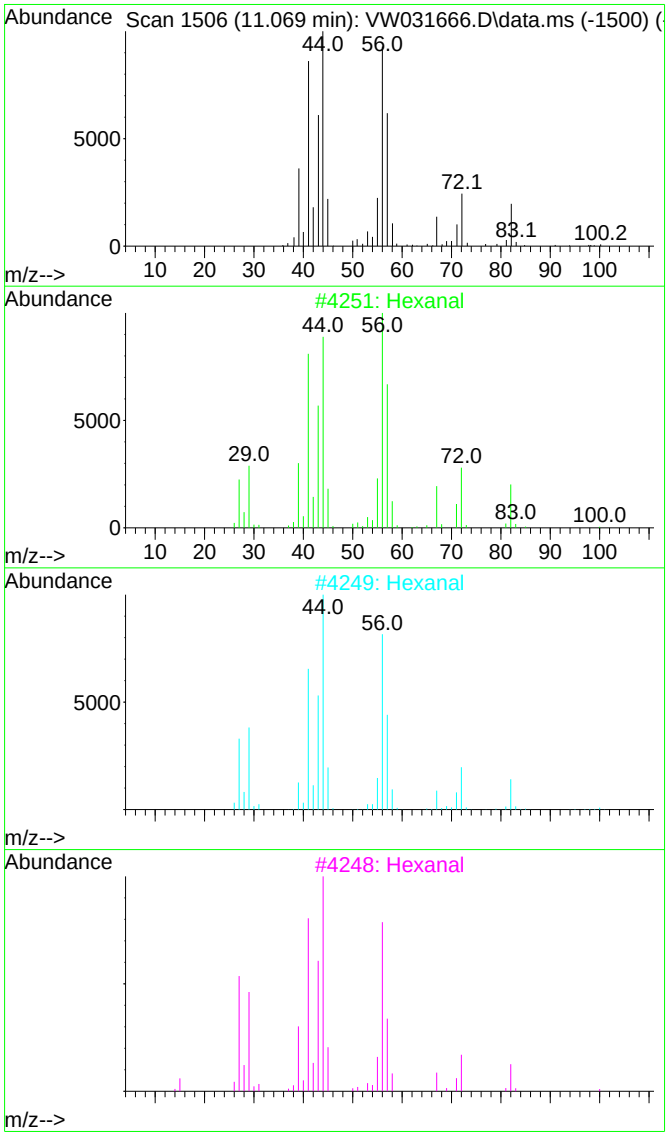
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

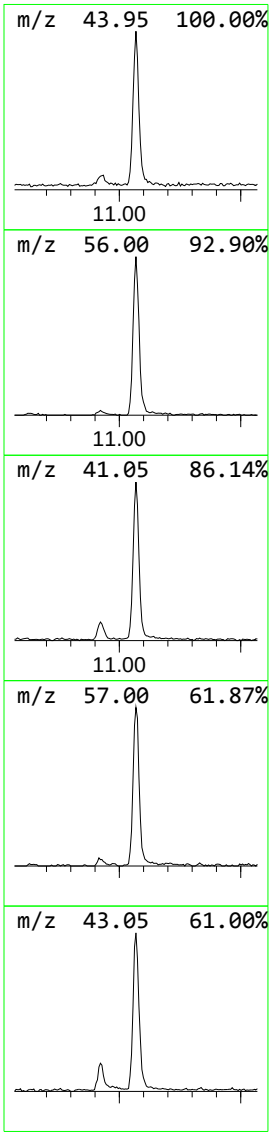
****

Peak Number 6 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	13.45 ug/L	174217	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	93
2	Hexanal	100	C6H12O	000066-25-1	91
3	Hexanal	100	C6H12O	000066-25-1	87
4	Hexanal	100	C6H12O	000066-25-1	72
5	Hexanal	100	C6H12O	000066-25-1	62





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Instrument :
MSVOA_W
ClientSampleId :
A44Q8RE

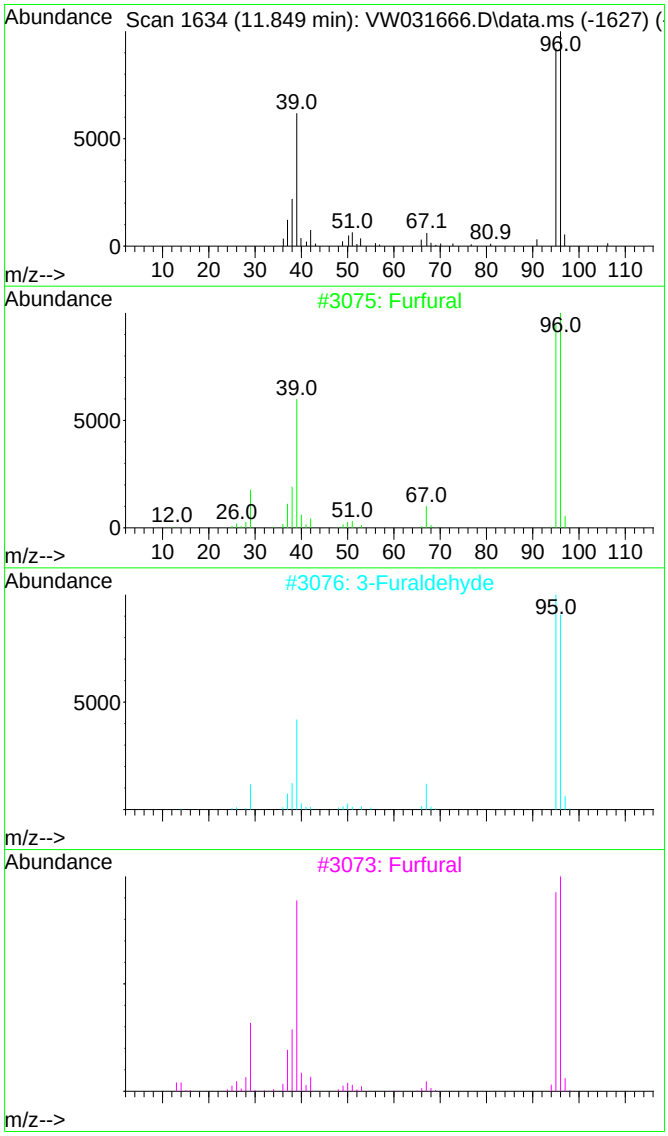
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

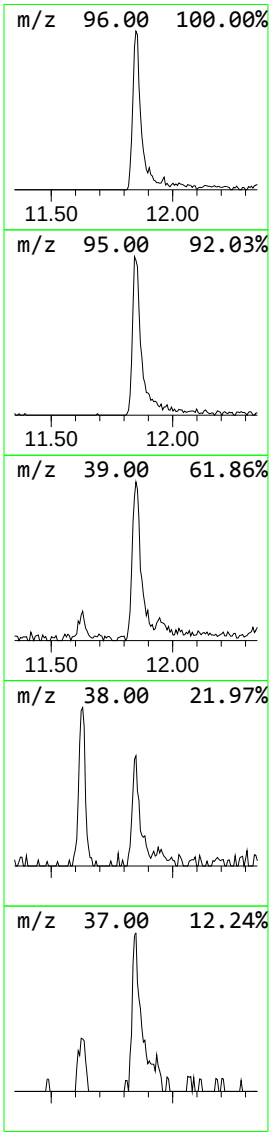
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Furfural Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.849	3.47 ug/L	44961	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	94
2	3-Furaldehyde	96	C5H4O2	000498-60-2	91
3	Furfural	96	C5H4O2	000098-01-1	91
4	Furfural	96	C5H4O2	000098-01-1	91
5	1H-Imidazole, 1,4-dimethyl-	96	C5H8N2	006338-45-0	86





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
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
(DEL) Alkane: S...	1.960	3.3	ug/L	61047	1	8.837	463252	25.0
Hexanal	11.069	13.4	ug/L	174217	2	11.630	323776	25.0
Furfural	11.849	3.5	ug/L	44961	2	11.630	323776	25.0