

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019457.D
 Acq On : 13 Jul 2021 02:35
 Operator : SY/VA
 Sample : M2978-08
 Misc : 5.24G/10ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7K9

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\SFAMWLM070921SMA.M
 Title : SFAM01.0

Signal : TIC: VW019457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	12	15	28	rVB	9696	20900	1.30%	0.182%
2	2.154	38	41	47	rBV4	1685	3368	0.21%	0.029%
3	2.361	65	75	85	rBV	91466	180533	11.19%	1.568%
4	2.501	92	98	107	rBV	21958	53079	3.29%	0.461%
5	2.812	145	149	154	rBV	5116	9484	0.59%	0.082%
6	2.898	156	163	177	rVB	67979	164919	10.22%	1.432%
7	3.398	238	245	256	rVB2	3638	8789	0.54%	0.076%
8	3.556	269	271	274	rBV3	322	557	0.03%	0.005%
9	3.751	301	303	308	rVB4	464	578	0.04%	0.005%
10	3.904	321	328	336	rBV	2314	5981	0.37%	0.052%
11	4.025	336	348	359	rBV	158182	505038	31.31%	4.387%
12	4.129	359	365	377	rVB	31788	87409	5.42%	0.759%
13	4.403	398	410	424	rBV4	10619	36368	2.25%	0.316%
14	4.629	444	447	450	rVB3	322	471	0.03%	0.004%
15	4.922	484	495	515	rBV	44242	159333	9.88%	1.384%
16	5.123	522	528	529	rBV2	859	1369	0.08%	0.012%
17	5.793	626	638	648	rBV2	9812	33235	2.06%	0.289%
18	5.946	651	663	675	rVB2	18335	55783	3.46%	0.485%
19	6.110	686	690	691	rBV3	535	709	0.04%	0.006%
20	6.909	811	821	830	rBV2	7084	21658	1.34%	0.188%
21	7.080	838	849	854	rBV	62430	167498	10.38%	1.455%
22	7.543	923	925	930	rVV3	509	630	0.04%	0.005%
23	7.653	932	943	955	rVV	256984	632650	39.22%	5.495%
24	7.763	958	961	965	rVB3	450	769	0.05%	0.007%
25	7.946	987	991	999	rVB3	732	1480	0.09%	0.013%
26	8.281	1032	1046	1063	rBV2	539967	1613004	100.00%	14.010%
27	8.555	1082	1091	1100	rVV3	5729	12958	0.80%	0.113%
28	8.616	1100	1101	1109	rVB2	360	643	0.04%	0.006%
29	8.714	1109	1117	1126	rBV6	5095	13622	0.84%	0.118%
30	8.848	1130	1139	1151	rBV	464941	927501	57.50%	8.056%
31	9.043	1166	1171	1172	rBV2	1458	1813	0.11%	0.016%
32	9.086	1172	1178	1186	rVB7	2570	5923	0.37%	0.051%
33	9.275	1197	1209	1220	rBV	354735	730801	45.31%	6.348%
34	9.415	1225	1232	1239	rBV	10925	20518	1.27%	0.178%
35	9.665	1266	1273	1281	rBV2	3868	7721	0.48%	0.067%
36	9.768	1284	1290	1294	rBV3	508	942	0.06%	0.008%

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37	9.896	1304	1311	1316	rBV5	1395	2639	0.16%	0.023%
38	9.963	1316	1322	1325	rBV3	1287	2140	0.13%	0.019%
39	10.037	1325	1334	1344	rVV	170083	305270	18.93%	2.652%
40	10.122	1344	1348	1353	rVB2	2120	3712	0.23%	0.032%
41	10.213	1358	1363	1367	rBV3	2271	4412	0.27%	0.038%
42	10.323	1372	1381	1389	rBV	727058	1275142	79.05%	11.076%
43	10.390	1389	1392	1399	rVB	4440	7832	0.49%	0.068%
44	10.506	1407	1411	1415	rVB5	1422	2155	0.13%	0.019%
45	10.579	1415	1423	1429	rBV	111797	192053	11.91%	1.668%
46	10.634	1429	1432	1438	rVV2	6565	11625	0.72%	0.101%
47	10.707	1438	1444	1450	rVB	23528	40451	2.51%	0.351%
48	10.780	1453	1456	1457	rBV	817	870	0.05%	0.008%
49	10.927	1473	1480	1496	rBV	240602	398563	24.71%	3.462%
50	11.067	1498	1503	1511	rBV3	23765	44031	2.73%	0.382%
51	11.177	1518	1521	1527	rVB4	2324	4036	0.25%	0.035%
52	11.292	1533	1540	1541	rBV5	939	1592	0.10%	0.014%
53	11.439	1558	1564	1572	rVB2	21061	34738	2.15%	0.302%
54	11.555	1581	1583	1584	rBV2	499	417	0.03%	0.004%
55	11.634	1588	1596	1604	rVV	608340	1014359	62.89%	8.810%
56	11.731	1611	1612	1616	rVB3	662	676	0.04%	0.006%
57	11.841	1626	1630	1640	rVB7	1905	4304	0.27%	0.037%
58	11.951	1643	1648	1652	rVB3	877	1344	0.08%	0.012%
59	12.012	1655	1658	1662	rBV2	261	422	0.03%	0.004%
60	12.164	1681	1683	1687	rVB4	411	579	0.04%	0.005%
61	12.244	1693	1696	1700	rVB4	376	486	0.03%	0.004%
62	12.341	1706	1712	1719	rBV2	12210	19712	1.22%	0.171%
63	12.469	1728	1733	1736	rBV4	640	973	0.06%	0.008%
64	12.609	1748	1756	1762	rBV	85343	145413	9.02%	1.263%
65	12.695	1762	1770	1777	rBV	324426	536373	33.25%	4.659%
66	12.756	1777	1780	1784	rBV5	1557	2387	0.15%	0.021%
67	12.859	1793	1797	1799	rBV4	476	584	0.04%	0.005%
68	12.932	1799	1809	1812	rBV4	10434	21092	1.31%	0.183%
69	12.963	1812	1814	1821	rVB	8617	13148	0.82%	0.114%
70	13.036	1824	1826	1828	rBV3	652	530	0.03%	0.005%
71	13.079	1830	1833	1836	rBV3	905	1092	0.07%	0.009%
72	13.195	1839	1852	1857	rVB2	4738	10300	0.64%	0.089%
73	13.292	1857	1868	1874	rVB3	15790	28441	1.76%	0.247%
74	13.402	1877	1886	1892	rBV4	14041	28018	1.74%	0.243%
75	13.469	1894	1897	1900	rBV4	963	1282	0.08%	0.011%
76	13.512	1900	1904	1905	rBV3	1329	1649	0.10%	0.014%

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77	13.560	1905	1912	1918	rBV	495926	819299	50.79%	7.116%
78	13.762	1940	1945	1953	rBV5	4436	9740	0.60%	0.085%
79	13.853	1953	1960	1967	rBV	563806	913546	56.64%	7.935%
80	14.018	1984	1987	1989	rBV3	1185	1431	0.09%	0.012%
81	14.066	1989	1995	2006	rVB	35260	60693	3.76%	0.527%
82	14.322	2031	2037	2045	rVV3	7252	12228	0.76%	0.106%
83	14.487	2061	2064	2067	rVV2	1323	1920	0.12%	0.017%
84	14.627	2082	2087	2093	rBV4	939	1806	0.11%	0.016%
85	14.725	2098	2103	2111	rVB3	4930	7983	0.49%	0.069%
86	14.804	2114	2116	2118	rBV2	457	539	0.03%	0.005%
87	14.944	2136	2139	2141	rBV2	586	741	0.05%	0.006%
88	15.103	2163	2165	2168	rVB2	495	423	0.03%	0.004%
89	15.176	2173	2177	2181	rVV5	710	1222	0.08%	0.011%
90	15.237	2184	2187	2188	rBV3	507	480	0.03%	0.004%
91	15.389	2208	2212	2215	rBV4	1706	2720	0.17%	0.024%
92	15.432	2215	2219	2224	rVV2	6903	10652	0.66%	0.093%
93	15.487	2224	2228	2233	rVB2	5046	8194	0.51%	0.071%
94	15.694	2259	2262	2265	rVB4	668	778	0.05%	0.007%
95	15.767	2271	2274	2276	rVB4	768	810	0.05%	0.007%
96	15.798	2276	2279	2283	rVB4	929	1325	0.08%	0.012%
97	15.840	2283	2286	2291	rBV4	767	1260	0.08%	0.011%
98	15.968	2301	2307	2308	rBV4	514	1007	0.06%	0.009%
99	16.145	2333	2336	2340	rBV4	524	1010	0.06%	0.009%
100	16.383	2373	2375	2377	rBV2	400	415	0.03%	0.004%

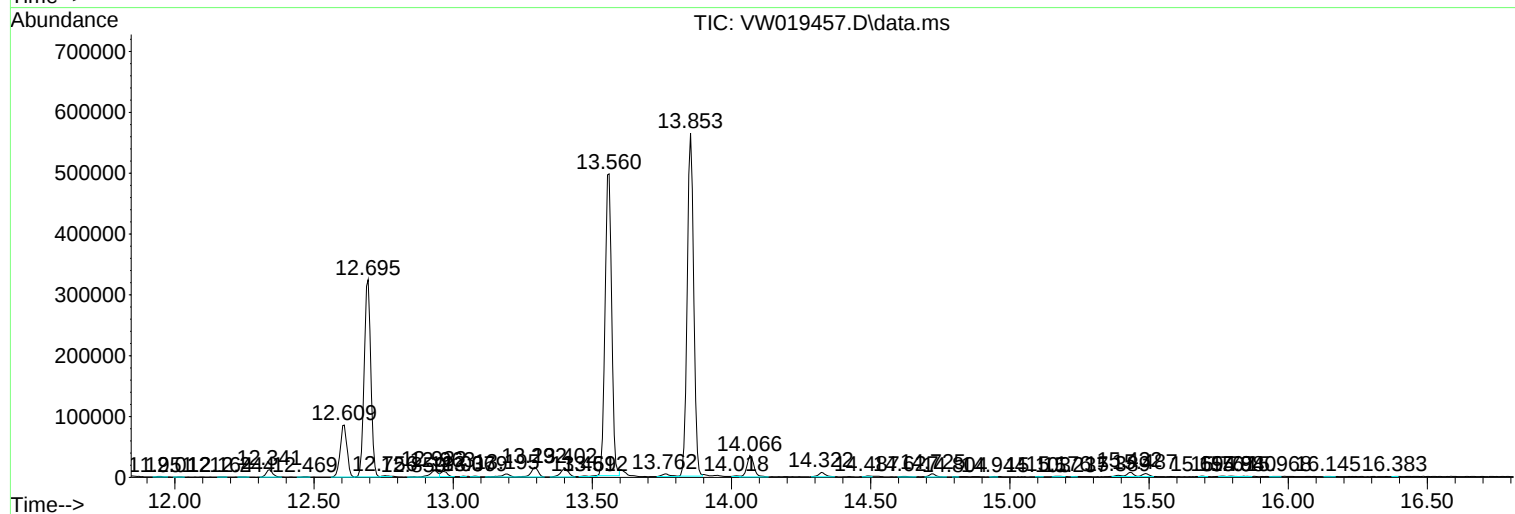
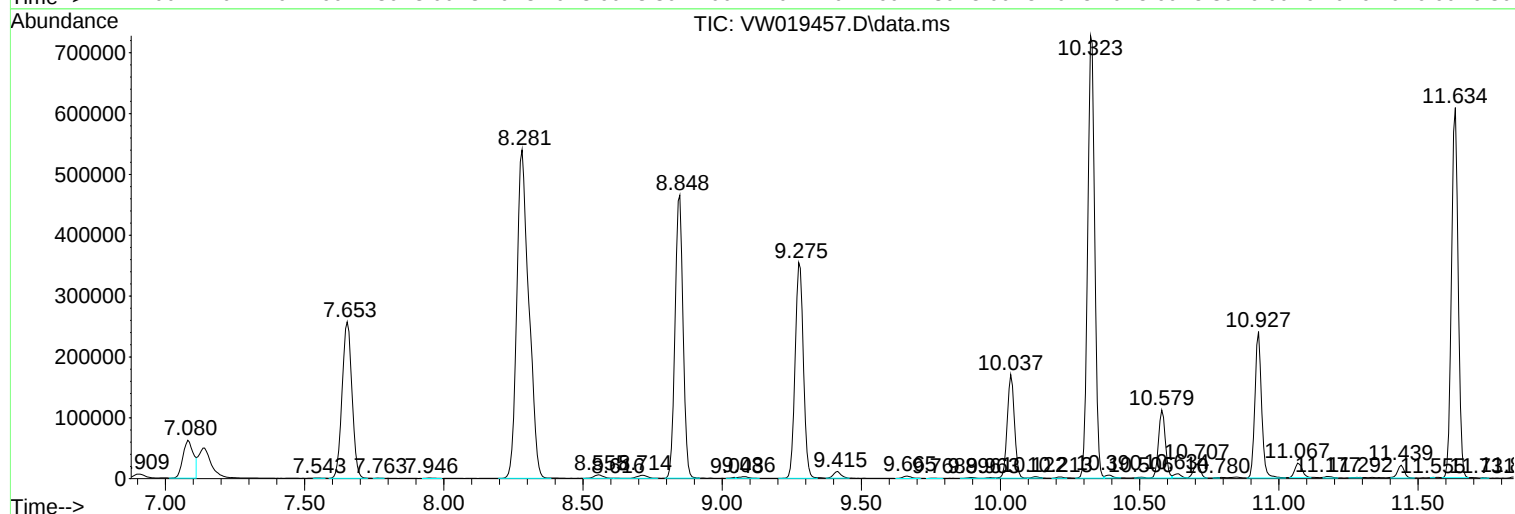
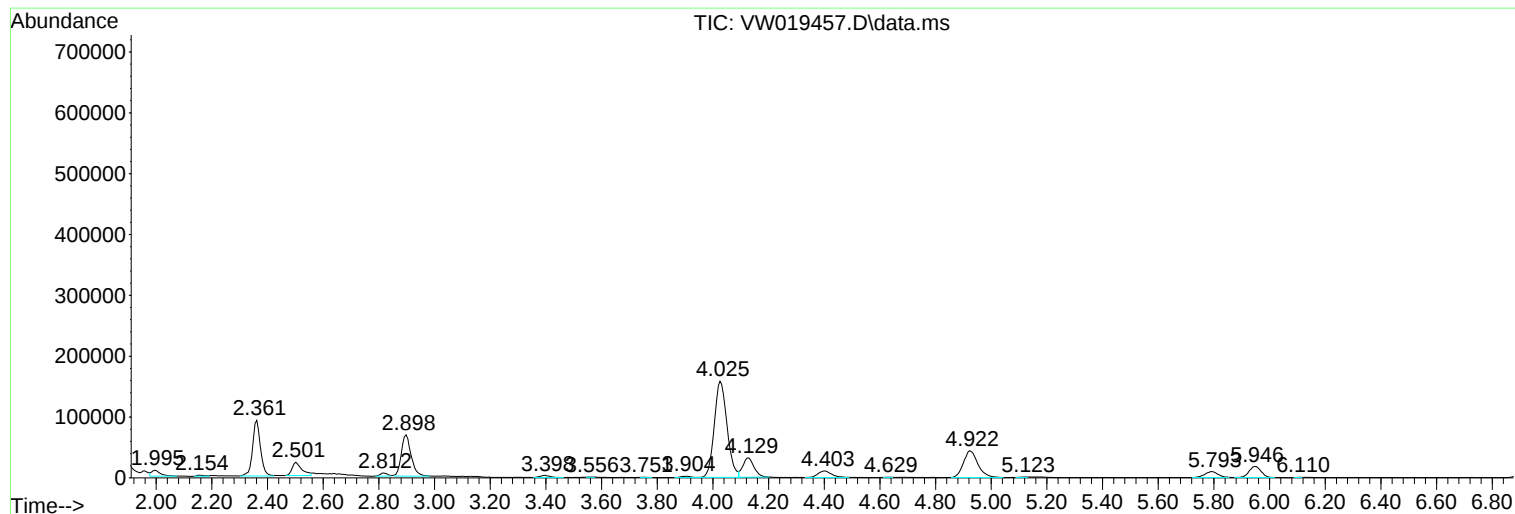
Sum of corrected areas: 11513098

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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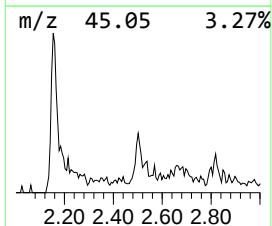
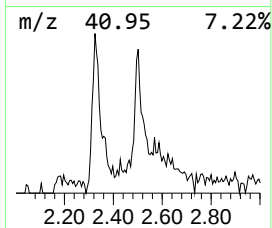
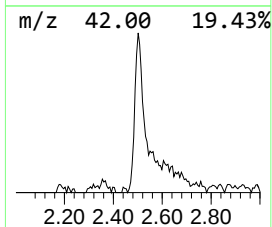
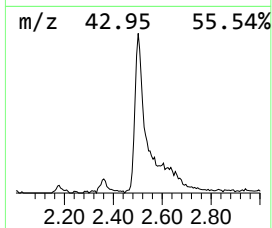
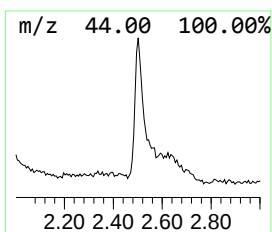
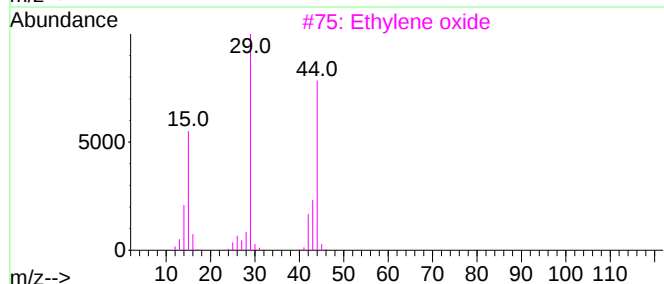
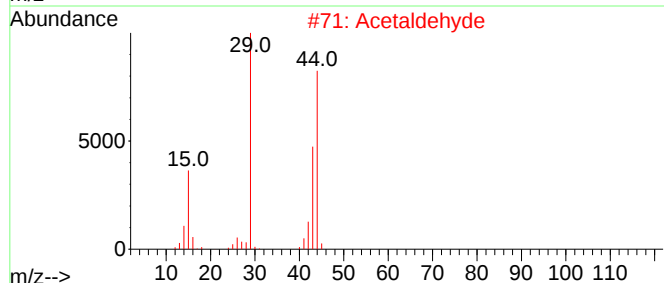
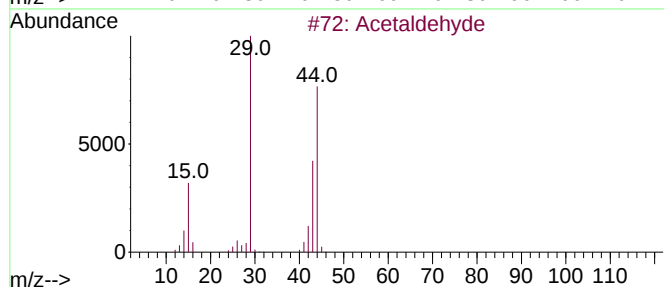
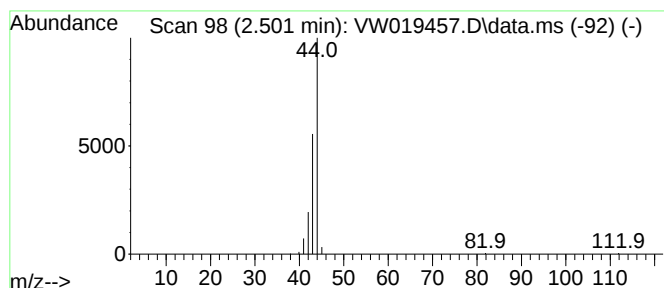
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.501	1.43 ug/L	53079	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	64
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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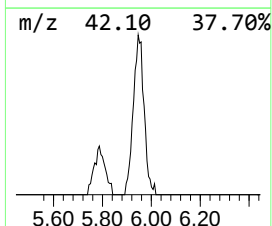
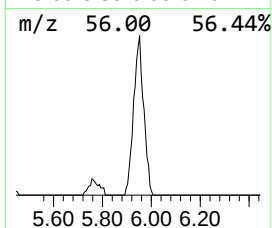
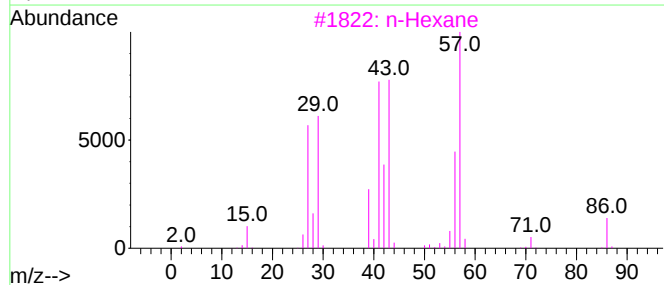
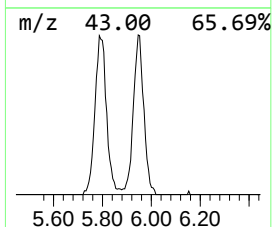
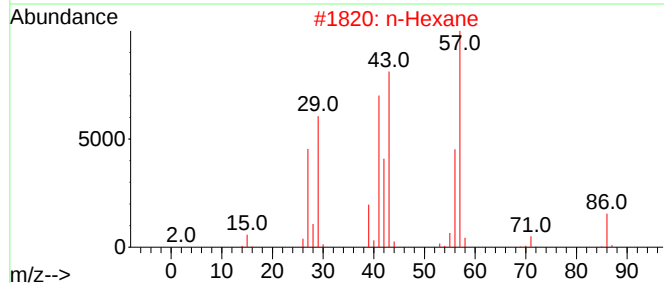
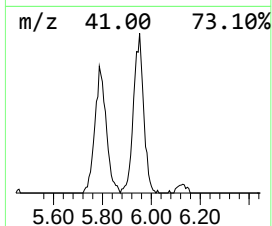
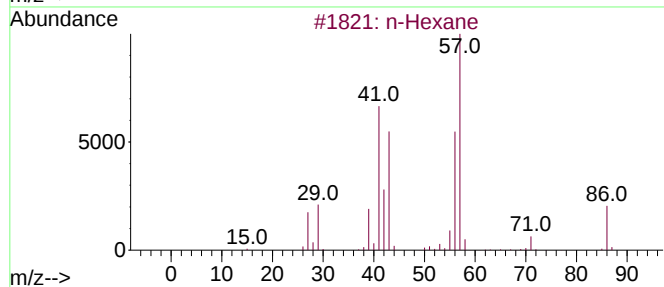
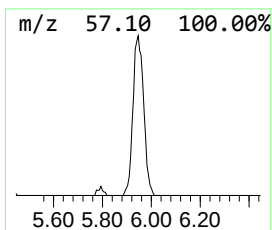
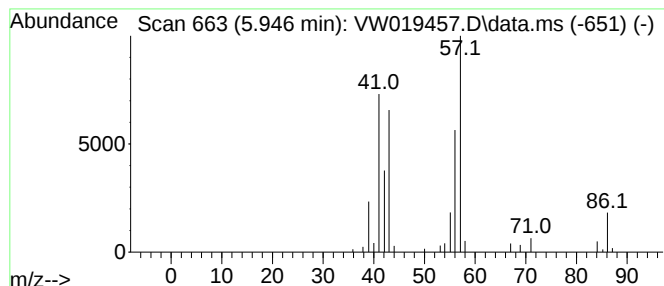
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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	1.50 ug/L	55783	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	87
2	n-Hexane		86	C6H14	000110-54-3	58
3	n-Hexane		86	C6H14	000110-54-3	50
4	Tetrahydropyran		86	C5H10O	000142-68-7	43
5	Methane, isocyanato-		57	C2H3NO	000624-83-9	43



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.501	1.4	ug/L	53079	1	8.848	927501	25.0
(DEL) Alkane: S...	5.946	1.5	ug/L	55783	1	8.848	927501	25.0