

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018435.D
 Acq On : 24 Sep 2020 18:14
 Operator : SY/MD
 Sample : L4108-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	63	70	86	rVB	223383	227183	16.75%	1.969%
2	1.579	144	152	165	rVB	171531	192607	14.20%	1.669%
3	2.123	310	321	339	rBV	351743	525784	38.77%	4.557%
4	2.312	373	380	390	rVB2	3956	5864	0.43%	0.051%
5	2.547	441	453	466	rVB5	5102	12172	0.90%	0.105%
6	2.624	472	477	481	rBV3	265	251	0.02%	0.002%
7	2.782	514	526	539	rBV3	9444	18430	1.36%	0.160%
8	2.978	581	587	588	rBV2	357	335	0.02%	0.003%
9	3.065	601	614	628	rBV	24079	49357	3.64%	0.428%
10	3.753	819	828	829	rBV	1188	984	0.07%	0.009%
11	3.785	829	838	839	rBV4	2315	2841	0.21%	0.025%
12	3.917	867	879	921	rBV2	82875	257866	19.01%	2.235%
13	4.376	1004	1022	1051	rBV	210155	518795	38.26%	4.497%
14	4.508	1059	1063	1072	rVB3	765	939	0.07%	0.008%
15	4.708	1116	1125	1135	rVB7	1332	2481	0.18%	0.022%
16	5.074	1218	1239	1280	rBV2	530727	1356146	100.00%	11.754%
17	5.640	1401	1415	1447	rBV	480030	948416	69.93%	8.220%
18	5.804	1463	1466	1471	rVB3	415	340	0.03%	0.003%
19	5.933	1492	1506	1524	rBV	21577	44299	3.27%	0.384%
20	6.093	1540	1556	1588	rBV	296774	600577	44.29%	5.205%
21	6.341	1622	1633	1638	rBV4	1488	2989	0.22%	0.026%
22	6.415	1654	1656	1661	rVB2	363	257	0.02%	0.002%
23	6.544	1691	1696	1702	rVB3	448	509	0.04%	0.004%
24	6.611	1710	1717	1722	rBV2	229	343	0.03%	0.003%
25	7.010	1829	1841	1870	rBV	171492	311289	22.95%	2.698%
26	7.145	1880	1883	1887	rVB3	353	283	0.02%	0.002%
27	7.267	1914	1921	1922	rBV2	751	753	0.06%	0.007%
28	7.338	1931	1943	1959	rBV	648954	1108707	81.75%	9.610%
29	7.418	1960	1968	1985	rVB	23788	45528	3.36%	0.395%
30	7.592	2017	2022	2028	rBV4	599	711	0.05%	0.006%
31	7.643	2028	2038	2065	rBV	122852	213372	15.73%	1.849%
32	7.955	2128	2135	2143	rBV3	1724	2577	0.19%	0.022%
33	8.000	2143	2149	2159	rVB6	1528	2163	0.16%	0.019%
34	8.109	2173	2183	2223	rBV2	292052	553597	40.82%	4.798%

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 Title : VOC Analysis

35	8.267	2224	2232	2245	rVV2	18749	31770	2.34%	0.275%
36	8.450	2286	2289	2297	rVB3	243	342	0.03%	0.003%
37	8.688	2353	2363	2371	rVV3	1046	1222	0.09%	0.011%
38	8.807	2395	2400	2404	rBV3	460	477	0.04%	0.004%
39	8.871	2408	2420	2448	rBV	728313	1173084	86.50%	10.168%
40	9.039	2466	2472	2482	rVB6	2213	3259	0.24%	0.028%
41	9.100	2488	2491	2493	rBV2	449	365	0.03%	0.003%
42	9.164	2503	2511	2523	rBV2	4300	6650	0.49%	0.058%
43	9.228	2523	2531	2541	rVV4	4055	6788	0.50%	0.059%
44	9.318	2553	2559	2563	rVV3	457	523	0.04%	0.005%
45	9.431	2591	2594	2597	rBV	355	258	0.02%	0.002%
46	9.495	2608	2614	2621	rBV4	905	1195	0.09%	0.010%
47	9.569	2629	2637	2640	rBV2	1838	2227	0.16%	0.019%
48	9.736	2680	2689	2698	rVV6	2180	3303	0.24%	0.029%
49	9.833	2711	2719	2738	rVB7	6338	12057	0.89%	0.105%
50	9.955	2751	2757	2767	rVB2	2428	3450	0.25%	0.030%
51	10.039	2776	2783	2790	rBV4	2472	3563	0.26%	0.031%
52	10.077	2790	2795	2797	rBV3	769	671	0.05%	0.006%
53	10.141	2810	2815	2828	rVB6	5297	8183	0.60%	0.071%
54	10.238	2828	2845	2866	rBV	369395	572955	42.25%	4.966%
55	10.379	2881	2889	2892	rBV4	3090	4046	0.30%	0.035%
56	10.473	2908	2918	2924	rBV	10723	17595	1.30%	0.153%
57	10.563	2941	2946	2950	rBV	4427	4732	0.35%	0.041%
58	10.601	2951	2958	2973	rVB2	23111	35573	2.62%	0.308%
59	10.685	2979	2984	2986	rBV3	617	552	0.04%	0.005%
60	10.717	2989	2994	3001	rBV4	1142	1564	0.12%	0.014%
61	10.759	3004	3007	3013	rVB4	1531	1518	0.11%	0.013%
62	10.900	3043	3051	3055	rBV4	4670	6315	0.47%	0.055%
63	10.939	3055	3063	3073	rVB	17706	26463	1.95%	0.229%
64	11.051	3092	3098	3111	rBV7	2492	5673	0.42%	0.049%
65	11.119	3112	3119	3125	rVB7	1408	2108	0.16%	0.018%
66	11.174	3126	3136	3144	rBV4	11529	19571	1.44%	0.170%
67	11.270	3155	3166	3186	rBV	808237	1232358	90.87%	10.681%
68	11.357	3189	3193	3200	rVB6	4240	4993	0.37%	0.043%
69	11.485	3226	3233	3242	rVB4	4567	6624	0.49%	0.057%
70	11.550	3245	3253	3265	rBV2	23337	41626	3.07%	0.361%
71	11.646	3271	3283	3309	rVB	677544	1064812	78.52%	9.229%

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72	11.810	3324	3334	3351	rVB	27657	41784	3.08%	0.362%
73	11.961	3368	3381	3389	rBV10	3291	7692	0.57%	0.067%
74	12.138	3432	3436	3448	rVB5	1691	2741	0.20%	0.024%
75	12.215	3455	3460	3463	rBV4	834	880	0.06%	0.008%
76	12.267	3470	3476	3478	rBV3	2457	2634	0.19%	0.023%
77	12.366	3497	3507	3523	rBV2	36322	62994	4.65%	0.546%
78	12.489	3539	3545	3551	rBV5	3484	4577	0.34%	0.040%
79	12.614	3578	3584	3592	rVB5	1328	2061	0.15%	0.018%
80	12.672	3594	3602	3609	rVB3	5586	7791	0.57%	0.068%
81	12.746	3619	3625	3626	rBV2	1140	817	0.06%	0.007%
82	12.817	3643	3647	3649	rBV2	479	371	0.03%	0.003%
83	12.910	3666	3676	3691	rVB5	10003	16123	1.19%	0.140%
84	13.058	3716	3722	3723	rBV	1592	1278	0.09%	0.011%
85	13.286	3785	3793	3803	rBV3	7499	11148	0.82%	0.097%
86	13.350	3808	3813	3817	rBV4	643	661	0.05%	0.006%
87	13.460	3839	3847	3852	rVV5	1421	2268	0.17%	0.020%
88	13.530	3861	3869	3893	rVB2	12830	29143	2.15%	0.253%
89	13.659	3903	3909	3910	rBV3	1167	1034	0.08%	0.009%
90	13.707	3921	3924	3928	rVB2	543	476	0.04%	0.004%
91	13.768	3935	3943	3953	rVV3	8667	12372	0.91%	0.107%
92	13.817	3956	3958	3964	rVB2	447	298	0.02%	0.003%
93	13.845	3964	3967	3970	rBV3	609	386	0.03%	0.003%
94	13.923	3984	3991	3998	rBV4	4447	5986	0.44%	0.052%
95	14.032	4023	4025	4029	rVB2	461	342	0.03%	0.003%
96	14.055	4029	4032	4043	rBV4	418	672	0.05%	0.006%
97	14.524	4174	4178	4181	rBV4	730	676	0.05%	0.006%
98	14.675	4220	4225	4229	rBV2	824	800	0.06%	0.007%
99	14.868	4280	4285	4292	rVB2	1701	2031	0.15%	0.018%
100	15.852	4589	4591	4592	rBV	561	272	0.02%	0.002%

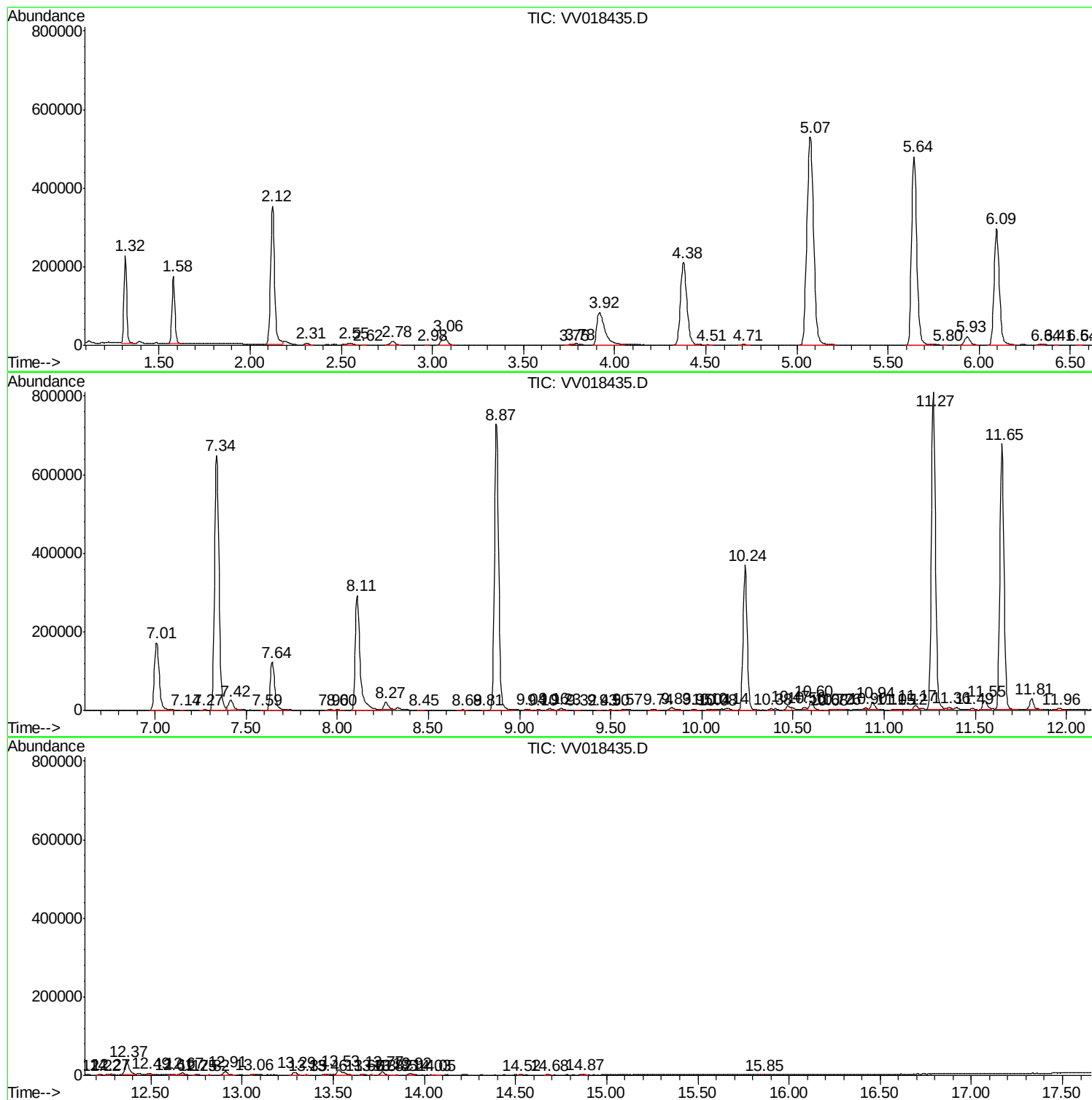
Sum of corrected areas: 11537518

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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



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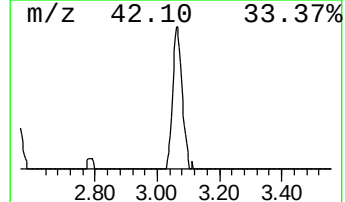
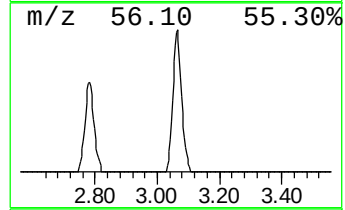
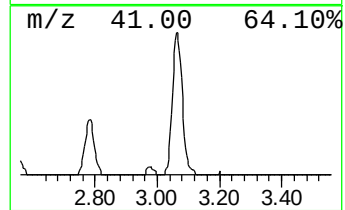
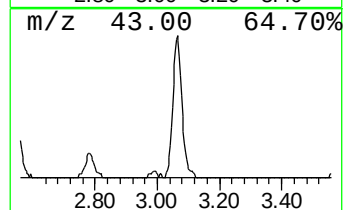
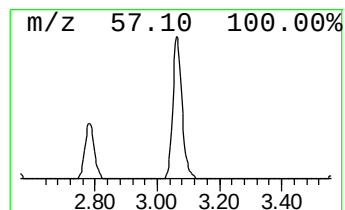
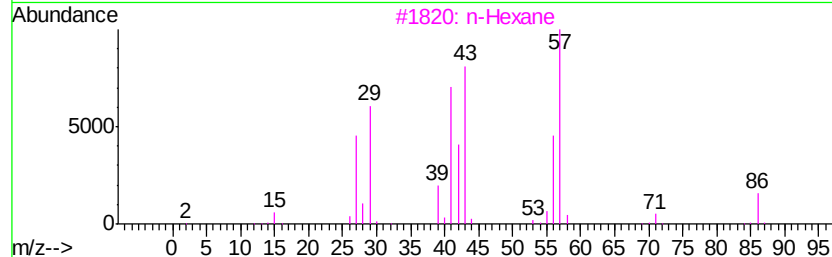
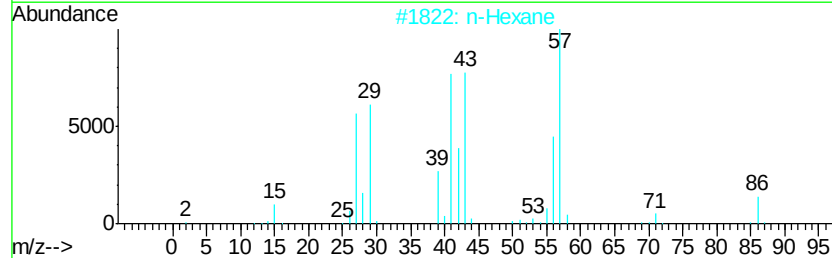
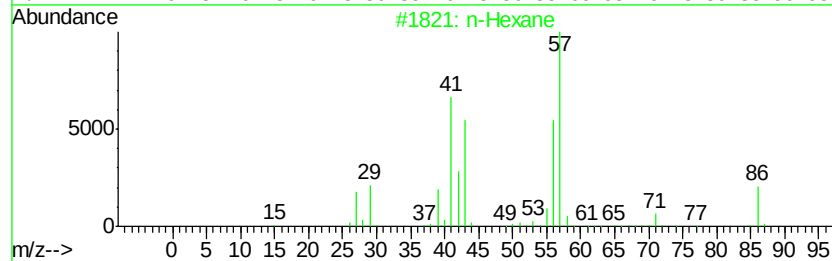
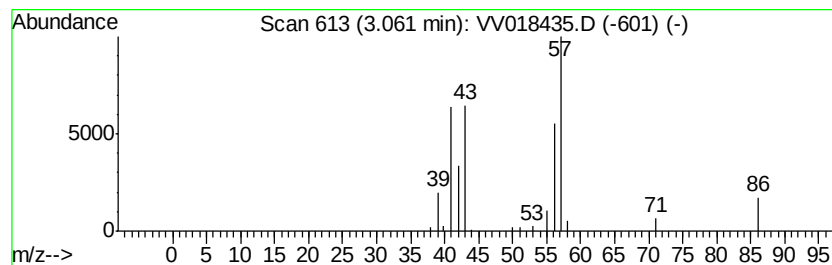
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	2.60 ug/L	49357	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	72
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	42
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	39



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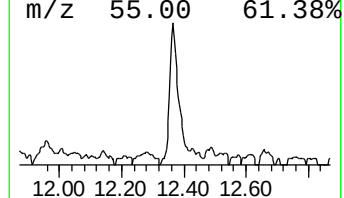
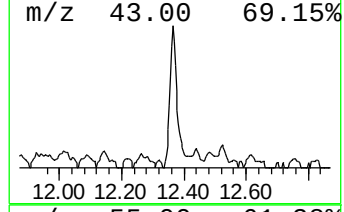
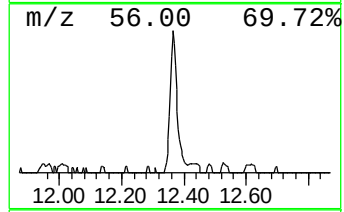
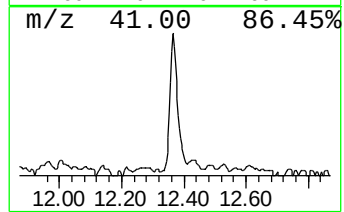
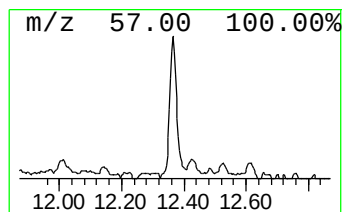
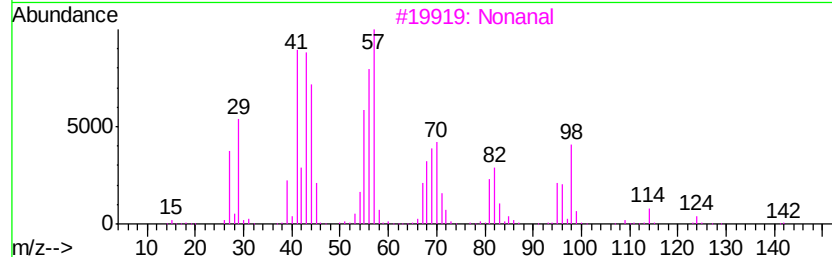
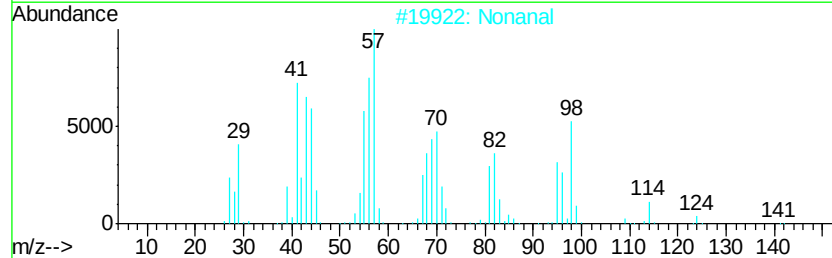
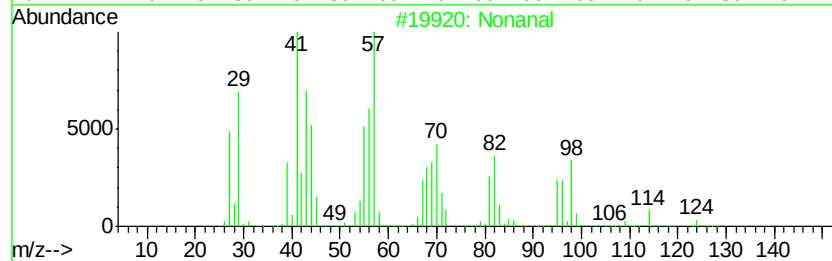
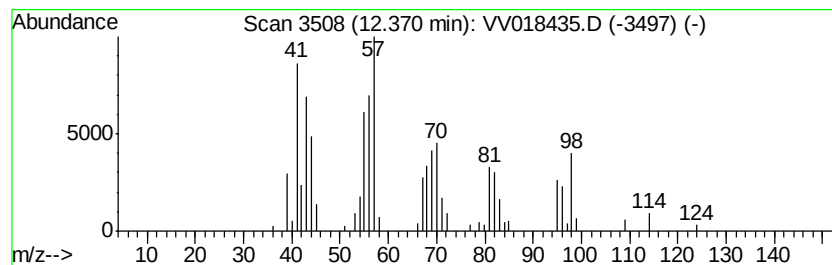
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 Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.56 ug/L	62994	1,4-Dichlorobenzene-d4	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 91
2	Nonanal		142 C9H18O	000124-19-6 91
3	Nonanal		142 C9H18O	000124-19-6 83
4	Nonanal		142 C9H18O	000124-19-6 80
5	Cycloheptane		98 C7H14	000291-64-5 43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.06	2.6	ug/L	49357	1	5.64	948416	50.0
Nonanal	12.37	2.6	ug/L	62994	3	11.27	1232360	50.0