

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
 Data File : VW013797.D
 Acq On : 29 Oct 2019 16:54
 Operator : SY/VA
 Sample : K5535-07RE
 Misc : 5.96G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK29RE

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_W\METHOD\SOM2WLM101819S.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	1.971	7	11	17	rVB4	5458	11263	1.14%	0.155%
2	2.166	37	43	54	rBV3	19847	47275	4.77%	0.651%
3	2.355	68	74	84	rVB	83911	154569	15.60%	2.129%
4	2.623	114	118	126	rBV9	2858	5316	0.54%	0.073%
5	2.891	154	162	175	rBV	49751	123326	12.45%	1.699%
6	3.026	179	184	192	rVB2	11951	27057	2.73%	0.373%
7	3.276	223	225	228	rVB	683	612	0.06%	0.008%
8	3.385	235	243	251	rVV2	14073	34685	3.50%	0.478%
9	3.538	266	268	269	rVV	595	409	0.04%	0.006%
10	3.678	286	291	301	rVB4	1424	2780	0.28%	0.038%
11	3.763	303	305	308	rBV	398	378	0.04%	0.005%
12	4.019	335	347	363	rBV	103306	339592	34.28%	4.677%
13	4.190	373	375	380	rVB3	424	627	0.06%	0.009%
14	4.245	380	384	387	rBV2	340	449	0.05%	0.006%
15	4.379	402	406	407	rBV4	453	489	0.05%	0.007%
16	4.477	419	422	424	rVB2	423	470	0.05%	0.006%
17	4.507	424	427	429	rBV2	426	507	0.05%	0.007%
18	4.574	435	438	439	rVV	404	388	0.04%	0.005%
19	4.617	439	445	451	rVV3	1333	3674	0.37%	0.051%
20	4.666	451	453	454	rVV	443	385	0.04%	0.005%
21	4.922	480	495	516	rBV5	22876	104630	10.56%	1.441%
22	5.111	523	526	528	rBV2	335	430	0.04%	0.006%
23	5.141	528	531	534	rBV3	525	537	0.05%	0.007%
24	5.434	569	579	589	rVV4	4520	13520	1.36%	0.186%
25	5.940	652	662	673	rVV3	14115	41940	4.23%	0.578%
26	6.397	734	737	740	rVB3	312	379	0.04%	0.005%
27	6.519	754	757	761	rVB2	242	369	0.04%	0.005%
28	6.702	784	787	788	rVV	401	369	0.04%	0.005%
29	6.799	801	803	806	rBV2	358	400	0.04%	0.006%
30	6.848	809	811	812	rBV	676	378	0.04%	0.005%
31	6.982	825	833	840	rBV4	6543	17861	1.80%	0.246%
32	7.074	841	848	854	rBV	33425	91873	9.27%	1.265%
33	7.342	888	892	897	rVB3	395	776	0.08%	0.011%
34	7.378	897	898	900	rBV	501	432	0.04%	0.006%

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35	7.464	909	912	913	rVV2	585	602	0.06%	0.008%
36	7.494	913	917	918	rVV2	933	1249	0.13%	0.017%
37	7.513	918	920	921	rVV	1133	849	0.09%	0.012%
38	7.647	931	942	954	rVV	163141	400853	40.46%	5.521%
39	7.787	962	965	968	rVB2	353	370	0.04%	0.005%
40	7.878	976	980	981	rBV2	391	401	0.04%	0.006%
41	7.952	981	992	999	rBV4	19520	55162	5.57%	0.760%
42	8.025	999	1004	1005	rBV3	720	876	0.09%	0.012%
43	8.153	1019	1025	1031	rVV3	5055	11678	1.18%	0.161%
44	8.275	1031	1045	1061	rVV2	324179	990668	100.00%	13.644%
45	8.433	1064	1071	1078	rVV10	4424	11511	1.16%	0.159%
46	8.500	1078	1082	1087	rVV5	3024	5541	0.56%	0.076%
47	8.573	1087	1094	1101	rVB6	4997	12050	1.22%	0.166%
48	8.695	1107	1114	1121	rVB3	9068	18674	1.88%	0.257%
49	8.842	1129	1138	1150	rBV	391161	772124	77.94%	10.634%
50	8.945	1153	1155	1158	rVB2	528	417	0.04%	0.006%
51	8.970	1158	1159	1163	rVB3	443	403	0.04%	0.006%
52	9.049	1167	1172	1173	rBV3	1000	1394	0.14%	0.019%
53	9.079	1175	1177	1182	rVB4	2159	2863	0.29%	0.039%
54	9.274	1200	1209	1215	rBV	222435	455874	46.02%	6.279%
55	9.329	1215	1218	1226	rVB2	45517	89725	9.06%	1.236%
56	9.506	1244	1247	1252	rBV5	1748	2958	0.30%	0.041%
57	9.598	1258	1262	1263	rBV3	3182	3787	0.38%	0.052%
58	9.750	1282	1287	1291	rVV7	2864	5305	0.54%	0.073%
59	9.811	1295	1297	1298	rBV2	558	507	0.05%	0.007%
60	9.854	1301	1304	1306	rBV4	421	607	0.06%	0.008%
61	9.884	1307	1309	1311	rBV3	909	959	0.10%	0.013%
62	9.957	1316	1321	1324	rBV4	3330	5475	0.55%	0.075%
63	10.037	1327	1334	1340	rBV	106321	195776	19.76%	2.696%
64	10.207	1360	1362	1363	rBV	714	519	0.05%	0.007%
65	10.323	1373	1381	1388	rBV	433934	754159	76.13%	10.387%
66	10.445	1399	1401	1402	rVB2	941	410	0.04%	0.006%
67	10.500	1402	1410	1415	rBV6	7553	17047	1.72%	0.235%
68	10.579	1416	1423	1431	rBV	67164	120023	12.12%	1.653%
69	10.664	1432	1437	1441	rBV3	6969	11135	1.12%	0.153%
70	10.762	1449	1453	1459	rBV7	3832	7557	0.76%	0.104%
71	10.927	1473	1480	1489	rBV	114423	200450	20.23%	2.761%

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72	11.018	1493	1495	1499	rVV4	1860	3156	0.32%	0.043%
73	11.067	1499	1503	1507	rVB2	5139	7747	0.78%	0.107%
74	11.177	1516	1521	1526	rBV	11537	17234	1.74%	0.237%
75	11.225	1526	1529	1535	rVB3	5402	8209	0.83%	0.113%
76	11.512	1572	1576	1578	rBV5	2529	3715	0.37%	0.051%
77	11.634	1588	1596	1607	rVB	435807	755573	76.27%	10.406%
78	11.731	1607	1612	1616	rBV2	7411	10692	1.08%	0.147%
79	11.841	1623	1630	1639	rBV2	19829	42360	4.28%	0.583%
80	12.012	1654	1658	1659	rBV2	2589	3085	0.31%	0.042%
81	12.164	1680	1683	1690	rVB4	8457	14340	1.45%	0.198%
82	12.310	1702	1707	1708	rBV4	1303	2226	0.22%	0.031%
83	12.341	1708	1712	1713	rBV2	2222	2775	0.28%	0.038%
84	12.469	1730	1733	1736	rBV2	3508	3871	0.39%	0.053%
85	12.609	1751	1756	1761	rBV2	7869	14135	1.43%	0.195%
86	12.695	1763	1770	1777	rVB	158286	268983	27.15%	3.705%
87	12.774	1777	1783	1786	rBV6	3864	7529	0.76%	0.104%
88	12.865	1793	1798	1801	rBV3	6240	9782	0.99%	0.135%
89	12.896	1801	1803	1805	rVV3	3661	4066	0.41%	0.056%
90	12.945	1806	1811	1817	rVB4	10650	20397	2.06%	0.281%
91	13.249	1857	1861	1867	rBV2	9923	15438	1.56%	0.213%
92	13.469	1893	1897	1902	rVB3	11844	18961	1.91%	0.261%
93	13.560	1905	1912	1921	rBV	282069	468833	47.32%	6.457%
94	13.853	1954	1960	1970	rVB	185078	306213	30.91%	4.217%
95	14.066	1992	1995	2006	rVB2	10105	22770	2.30%	0.314%
96	14.213	2013	2019	2020	rBV5	5558	9898	1.00%	0.136%
97	14.328	2035	2038	2044	rBV7	6023	13283	1.34%	0.183%
98	15.054	2155	2157	2162	rVB5	1975	2631	0.27%	0.036%
99	15.432	2217	2219	2226	rVB3	9303	14014	1.41%	0.193%
100	16.694	2424	2426	2428	rBV3	851	687	0.07%	0.009%

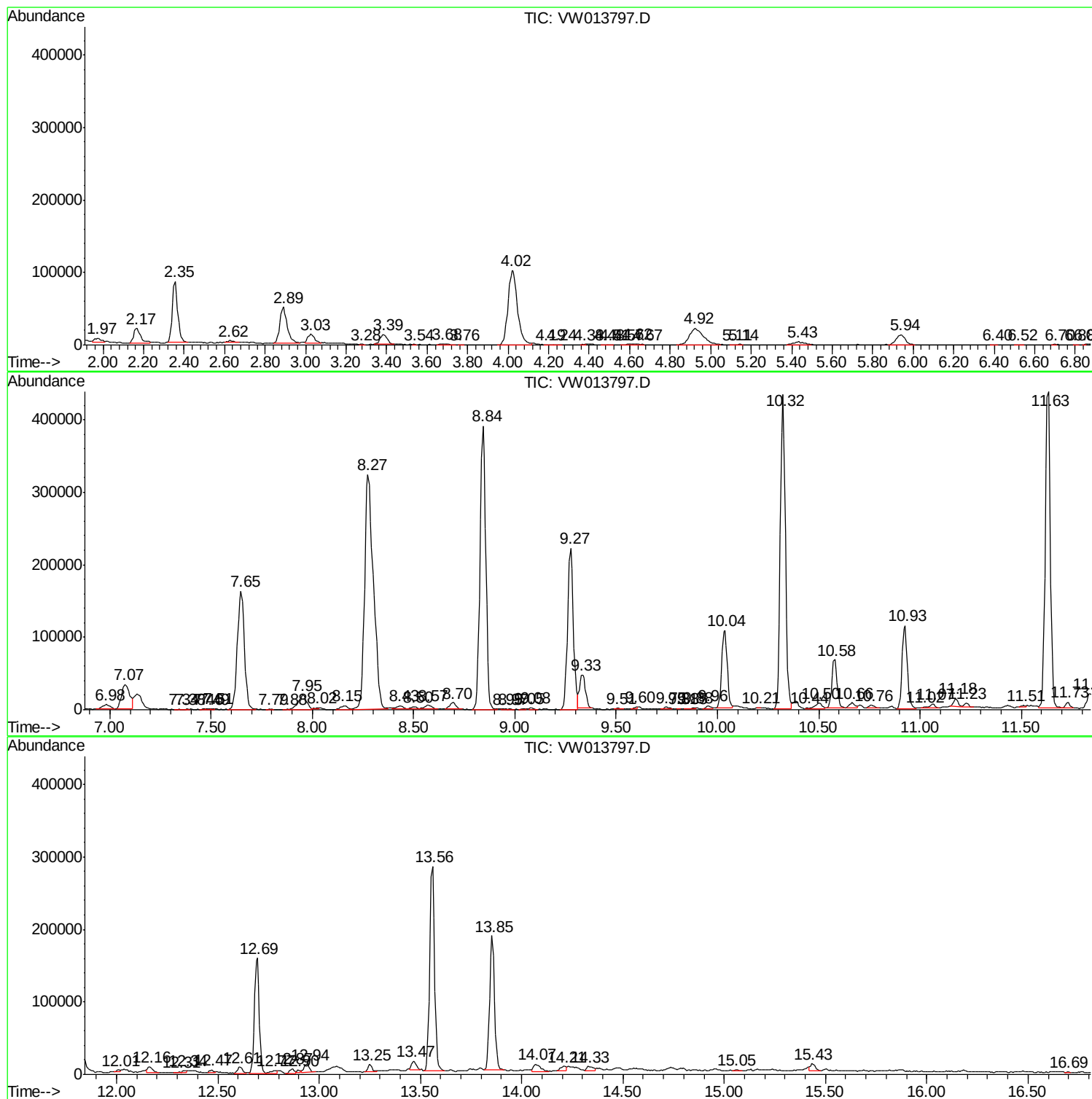
Sum of corrected areas: 7260706

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



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Instrument :
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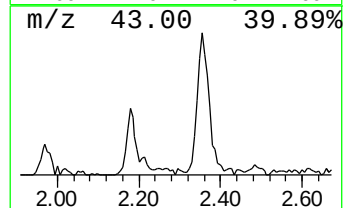
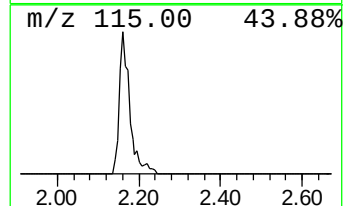
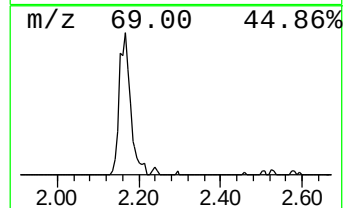
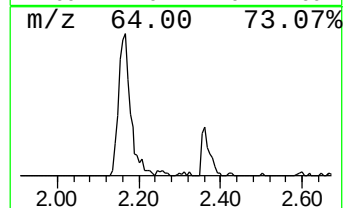
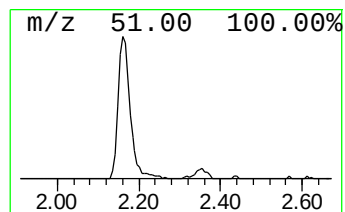
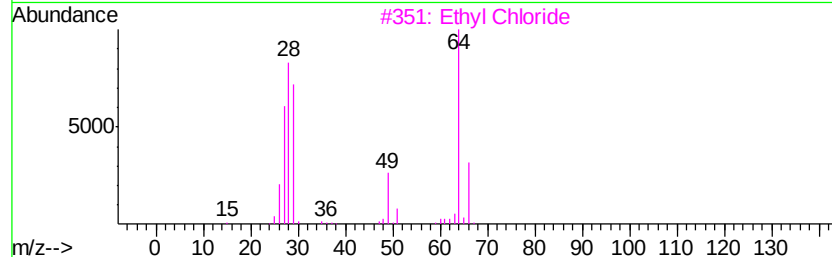
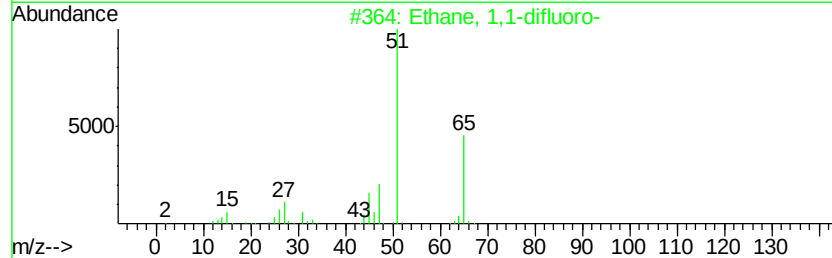
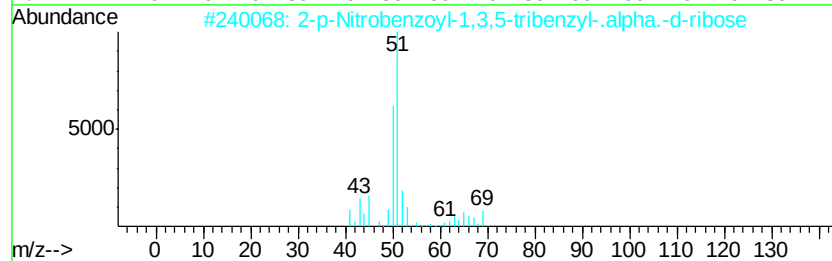
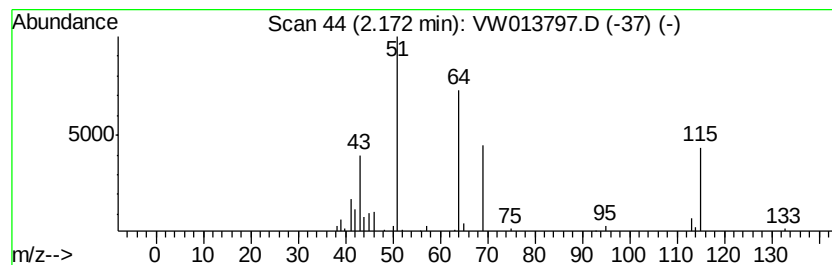
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.53 ug/L	47275	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31N08	1000129-85-6	17
2			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	9
3			Ethyl Chloride	64	C2H5Cl	000075-00-3	7
4			Tetrafluoroformamidine	116	CF4N2	014362-70-0	7
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7



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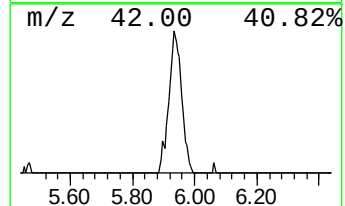
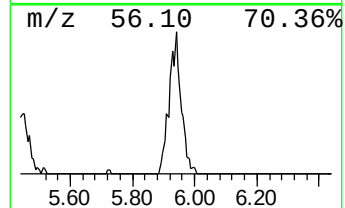
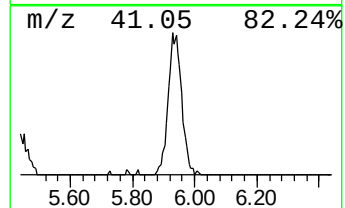
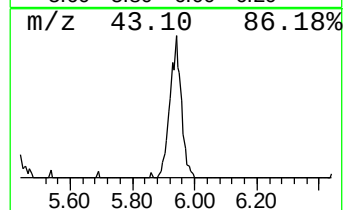
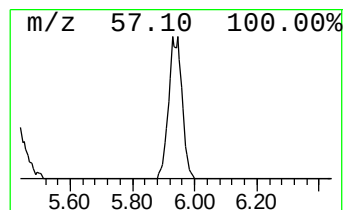
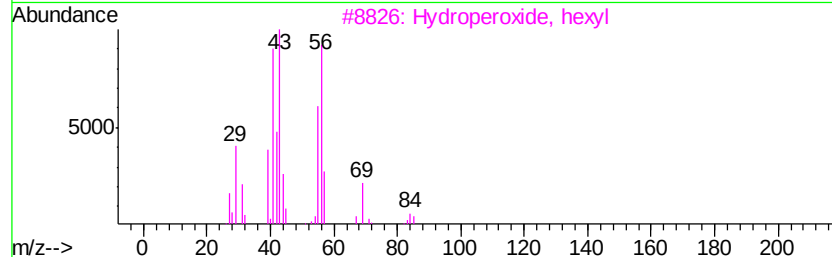
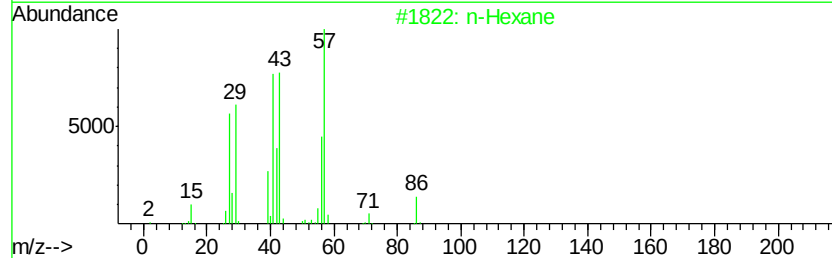
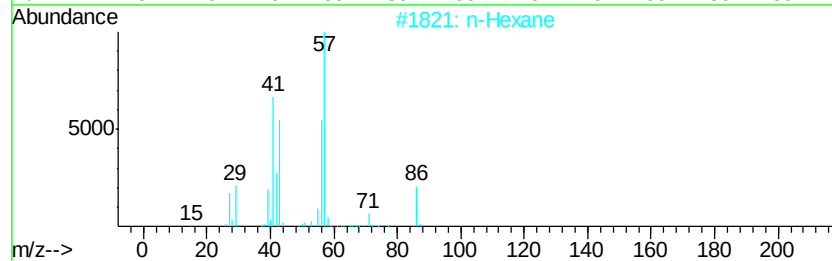
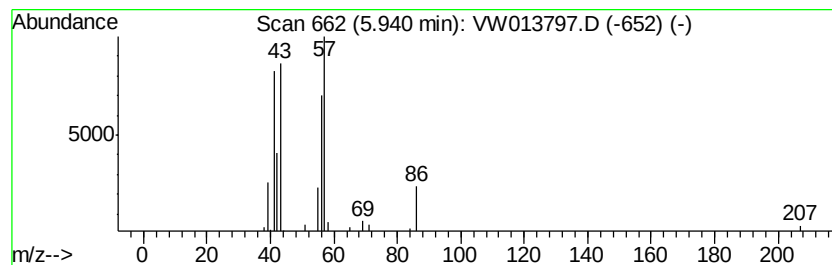
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.36 ug/L	41940	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	59
2		n-Hexane	86	C6H14	000110-54-3	56
3		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	42
4		n-Hexane	86	C6H14	000110-54-3	40
5		1-Butanol	74	C4H10O	000071-36-3	36



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.17	1.5	ug/L	47275	1	8.84	772124	25.0
(DEL) Alkane: Str...	5.94	1.4	ug/L	41940	1	8.84	772124	25.0