LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102219\
Data File : VW013656.D
Acq On : 22 Oct 2019 15:37
Operator : SY/VA
Sample : K5422-10
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC1

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\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	2.355	69	74	84	rVB	90464	169610	13.40%	2.019%
2	2.891	155	162	176	rVB	67685	165073	13.04%	1.965%
3	3.330	231	234	236	rBV	313	391	0.03%	0.005%
4	3.355	236	238	241	rVB	406	312	0.02%	0.004%
5	3.391	241	244	246	rBV2	490	631	0.05%	0.008%
6	3.434	249	251	253	rVV2	389	304	0.02%	0.004%
7	3.580	272	275	279	rVB2	341	455	0.04%	0.005%
8	3.629	279	283	285	rBV2	270	398	0.03%	0.005%
9	3.726	297	299	302	rBV	532	356	0.03%	0.004%
10	3.909	326	329	331	rVB2	366	340	0.03%	0.004%
11	4.025	336	348	361	rBV	154261	480858	37.99%	5.725%
12	4.263	385	387	388	rVB2	423	219	0.02%	0.003%
13	4.330	395	398	399	rBV2	199	208	0.02%	0.002%
14	4.385	399	407	419	rVB2	3991	11573	0.91%	0.138%
15	4.580	437	439	441	rBV2	358	235	0.02%	0.003%
16	4.635	444	448	449	rBV2	375	394	0.03%	0.005%
17	4.751	465	467	469	rVB	401	273	0.02%	0.003%
18	4.824	476	479	482	rVB	289	273	0.02%	0.003%
19	4.927	482	496	510	rVB4	9575	35017	2.77%	0.417%
20	5.031	510	513	516	rBV2	191	313	0.02%	0.004%
21	5.305	556	558	561	rBV2	249	228	0.02%	0.003%
22	5.397	572	573	576	rVV2	312	316	0.02%	0.004%
23	5.433	576	579	581	rVV2	276	371	0.03%	0.004%
24	5.470	583	585	587	rBV	402	299	0.02%	0.004%
25	5.946	654	663	669	rVB5	1567	3922	0.31%	0.047%
26	6.049	676	680	682	rVB2	376	446	0.04%	0.005%
27	6.098	684	688	689	rBV2	254	253	0.02%	0.003%
28	6.269	714	716	720	rVB2	200	278	0.02%	0.003%
29	6.372	732	733	736	rVB2	328	227	0.02%	0.003%
30	6.525	755	758	761	rBV2	216	226	0.02%	0.003%
31	6.665	778	781	783	rBV	312	312	0.02%	0.004%
32	6.695	785	786	788	rBV2	262	226	0.02%	0.003%
33	6.958	826	829	831	rBV2	283	318	0.03%	0.004%
34	7.086	840	850	871	rBV2	25888	91108	7.20%	1.085%

LSC Area Percent Report

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Operator : SY/VA
Sample : K5422-10
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC1

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\SOM2WLM101819S.M
Title : VOC Analysis

35	7.244	875	876	879	rVB2	302	235	0.02%	0.003%
36	7.378	896	898	900	rBV2	221	212	0.02%	0.003%
37	7.646	931	942	956	rBV	210450	522300	41.27%	6.218%
38	7.939	989	990	992	rBV	580	359	0.03%	0.004%
39	8.110	1016	1018	1021	rVB2	308	334	0.03%	0.004%
40	8.274	1035	1045	1062	rBV2	448865	1265688	100.00%	15.068%
41	8.476	1077	1078	1084	rVB2	368	423	0.03%	0.005%
42	8.530	1084	1087	1089	rVB2	345	337	0.03%	0.004%
43	8.610	1098	1100	1101	rBV2	230	230	0.02%	0.003%
44	8.689	1110	1113	1116	rVB3	643	682	0.05%	0.008%
45	8.726	1116	1119	1121	rBV3	374	434	0.03%	0.005%
46	8.841	1128	1138	1152	rBV	346413	677519	53.53%	8.066%
47	9.018	1164	1167	1169	rBV2	316	241	0.02%	0.003%
48	9.073	1171	1176	1181	rVV3	1263	2251	0.18%	0.027%
49	9.116	1181	1183	1185	rVV2	245	207	0.02%	0.002%
50	9.146	1186	1188	1190	rVB2	408	336	0.03%	0.004%
51	9.201	1196	1197	1200	rVB2	408	339	0.03%	0.004%
52	9.274	1200	1209	1220	rBV	287104	578389	45.70%	6.886%
53	9.384	1225	1227	1232	rVB3	480	601	0.05%	0.007%
54	9.500	1245	1246	1249	rVB	303	256	0.02%	0.003%
55	9.536	1249	1252	1253	rBV	334	408	0.03%	0.005%
56	9.591	1259	1261	1262	rBV2	341	250	0.02%	0.003%
57	9.750	1281	1287	1292	rBV4	510	1356	0.11%	0.016%
58	9.841	1298	1302	1305	rBV2	216	333	0.03%	0.004%
59	9.902	1307	1312	1315	rBV4	710	1420	0.11%	0.017%
60	9.945	1316	1319	1325	rVB3	1769	2749	0.22%	0.033%
61	10.036	1325	1334	1347	rBV	140579	263588	20.83%	3.138%
62	10.207	1358	1362	1365	rBV4	1906	3236	0.26%	0.039%
63	10.323	1372	1381	1398	rBV	647782	1146107	90.55%	13.644%
64	10.494	1404	1409	1416	rVB7	6631	16140	1.28%	0.192%
65	10.579	1416	1423	1432	rBV	86384	154487	12.21%	1.839%
66	10.664	1433	1437	1442	rVB3	10937	17477	1.38%	0.208%
67	10.762	1448	1453	1458	rBV5	6217	11846	0.94%	0.141%
68	10.859	1466	1469	1471	rVB2	616	574	0.05%	0.007%
69	10.926	1471	1480	1492	rBV	103139	184542	14.58%	2.197%
70	11.103	1507	1509	1511	rBV2	296	354	0.03%	0.004%
71	11.225	1527	1529	1533	rVB3	948	1217	0.10%	0.014%

LSC Area Percent Report

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Operator : SY/VA
Sample : K5422-10
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC1

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\SOM2WLM101819S.M
Title : VOC Analysis

72	11.280	1535	1538	1539	rVB2	387	328	0.03%	0.004%
73	11.304	1539	1542	1544	rBV2	161	204	0.02%	0.002%
74	11.335	1544	1547	1550	rVB2	649	675	0.05%	0.008%
75	11.414	1556	1560	1562	rBV	370	362	0.03%	0.004%
76	11.432	1562	1563	1565	rVB	476	240	0.02%	0.003%
77	11.530	1578	1579	1584	rBV2	356	490	0.04%	0.006%
78	11.627	1587	1595	1608	rBV	449241	765562	60.49%	9.114%
79	11.737	1611	1613	1615	rVB2	513	377	0.03%	0.004%
80	11.762	1615	1617	1620	rVB2	258	244	0.02%	0.003%
81	11.792	1620	1622	1625	rBV3	302	320	0.03%	0.004%
82	11.829	1626	1628	1629	rBV2	867	566	0.04%	0.007%
83	12.005	1655	1657	1659	rVB3	521	403	0.03%	0.005%
84	12.140	1673	1679	1686	rBV5	1944	5027	0.40%	0.060%
85	12.194	1686	1688	1691	rVB	788	617	0.05%	0.007%
86	12.255	1691	1698	1703	rVB3	3268	5945	0.47%	0.071%
87	12.329	1703	1710	1711	rBV4	1569	3085	0.24%	0.037%
88	12.414	1723	1724	1725	rBV	686	387	0.03%	0.005%
89	12.609	1751	1756	1762	rVB4	3115	6117	0.48%	0.073%
90	12.694	1763	1770	1777	rBV	165274	281247	22.22%	3.348%
91	12.774	1780	1783	1791	rVB6	4450	7478	0.59%	0.089%
92	12.859	1791	1797	1801	rBV6	2161	4480	0.35%	0.053%
93	12.938	1803	1810	1817	rBV6	5194	13747	1.09%	0.164%
94	13.048	1824	1828	1830	rBV4	3590	4864	0.38%	0.058%
95	13.127	1836	1841	1843	rBV3	2532	4052	0.32%	0.048%
96	13.328	1872	1874	1875	rBV2	1606	1271	0.10%	0.015%
97	13.560	1905	1912	1919	rVB	412665	684945	54.12%	8.154%
98	13.853	1953	1960	1968	rBV	394618	661350	52.25%	7.873%
99	15.328	2197	2202	2208	rBV2	39640	63904	5.05%	0.761%
100	16.285	2355	2359	2368	rVB2	31387	58326	4.61%	0.694%

Sum of corrected areas: 8399833

LSC Report - Integrated Chromatogram

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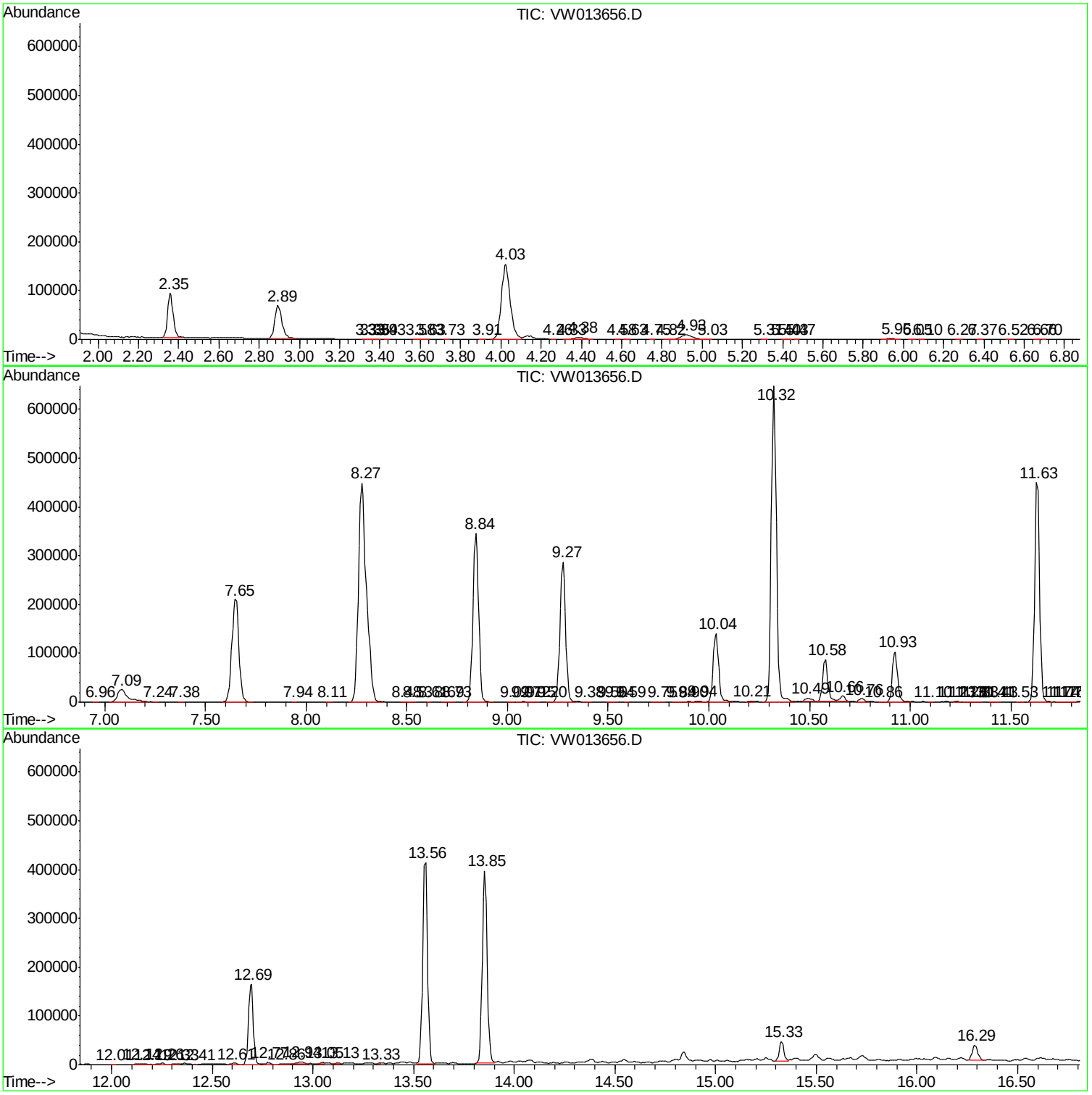
Sample : K5422-10
Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC1

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102219\
Data File : VW013656.D
Acq On : 22 Oct 2019 15:37
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC1

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

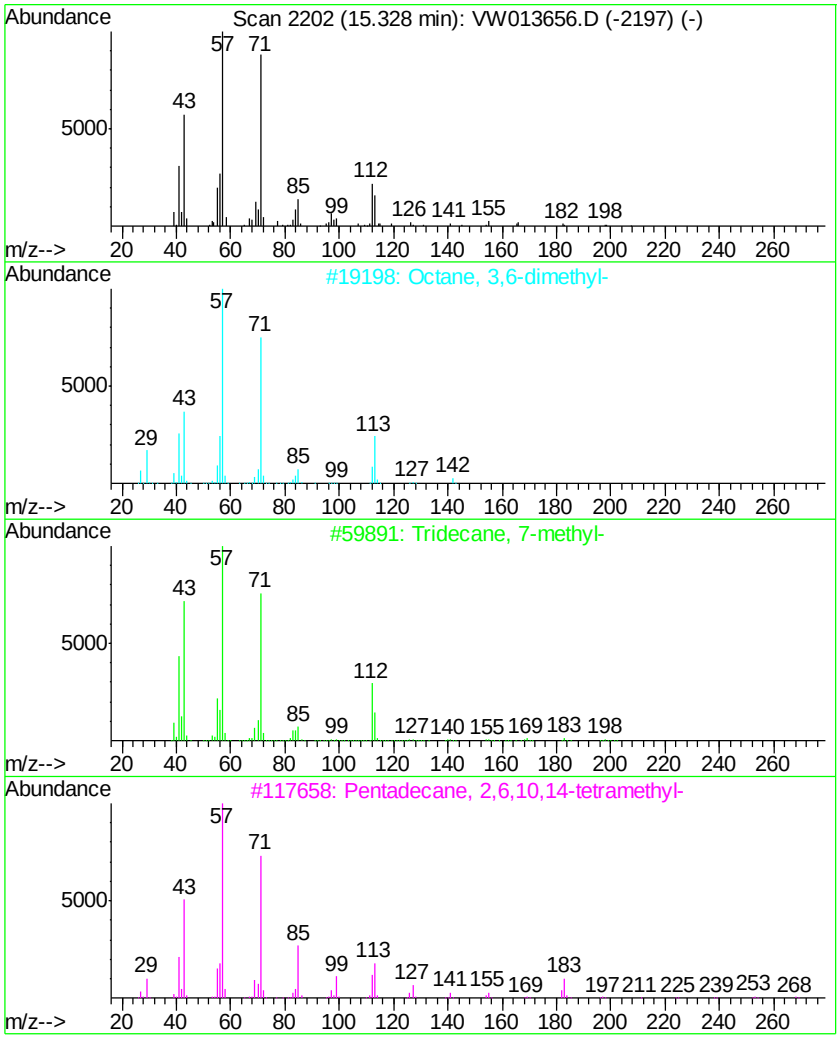
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

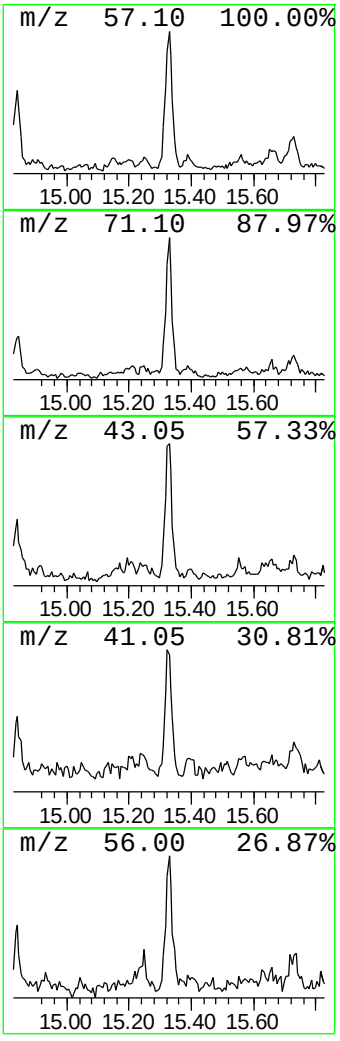
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.33 ug/L	63904	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
4	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	53
5	Heptacosane	380	C27H56	000593-49-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102219\
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Misc : 4.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC1

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

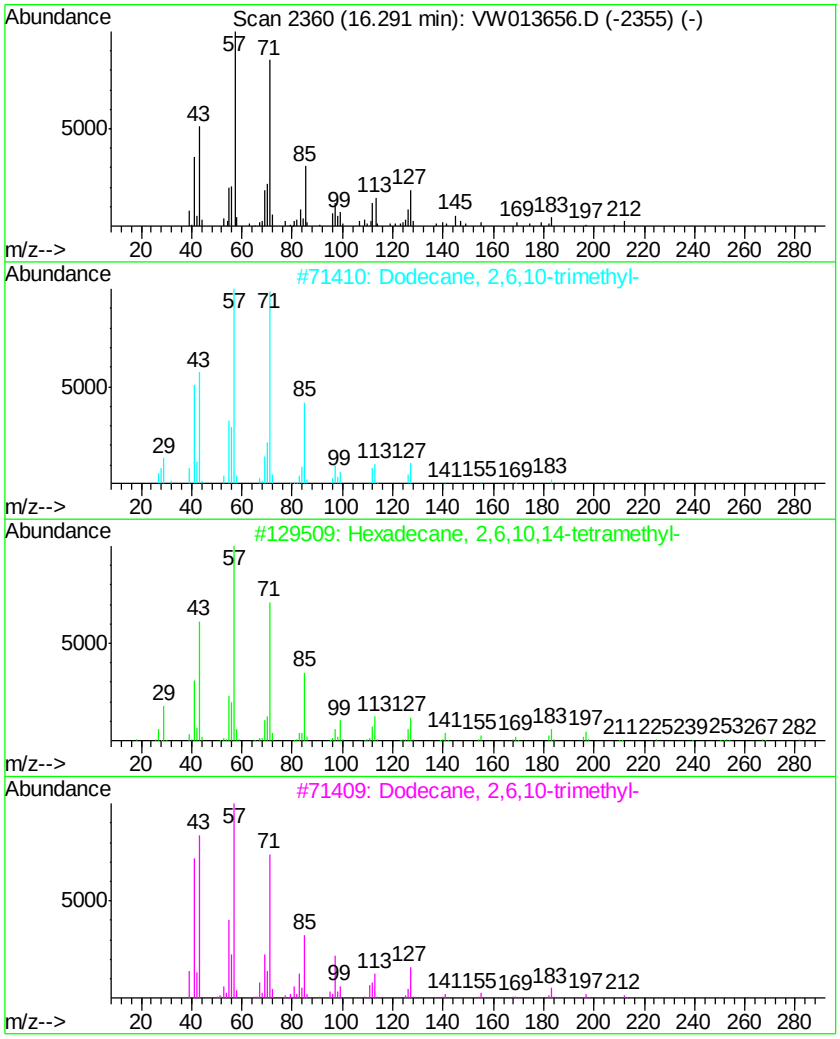
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

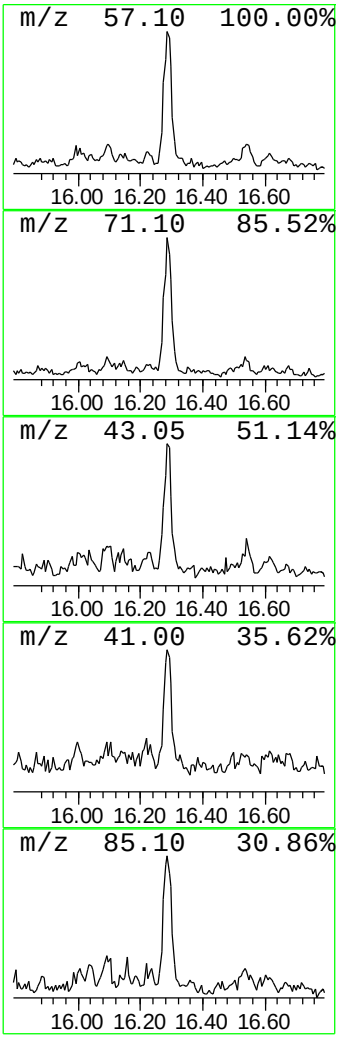
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.13 ug/L	58326	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	81
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102219\
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	15.33	2.3	ug/L	63904	3	13.56	684945	25.0
(DEL) Alkane: Str...	16.29	2.1	ug/L	58326	3	13.56	684945	25.0