LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017905.D
Acq On : 15 Jan 2021 18:09
Operator : SY/VA
Sample : M1099-16
Misc : 5.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C12

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\SOM2WLM122420S.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	2.148	34	40	46	rBV2	4106	9554	0.92%	0.120%
2	2.209	48	50	52	rBV2	2117	1763	0.17%	0.022%
3	2.349	63	73	82	rBV	91351	196213	18.85%	2.465%
4	2.446	87	89	93	rBV5	2772	4044	0.39%	0.051%
5	2.885	154	161	172	rVB	69935	154059	14.80%	1.935%
6	3.184	209	210	213	rVB3	746	602	0.06%	0.008%
7	3.215	213	215	218	rVB4	921	820	0.08%	0.010%
8	3.379	240	242	244	rVV2	1058	1145	0.11%	0.014%
9	3.440	251	252	256	rVB3	1062	762	0.07%	0.010%
10	3.477	256	258	260	rBV3	588	687	0.07%	0.009%
11	3.574	273	274	276	rBV2	717	578	0.06%	0.007%
12	3.660	285	288	289	rBV2	1116	798	0.08%	0.010%
13	3.721	296	298	302	rVB3	598	631	0.06%	0.008%
14	3.861	312	321	325	rBV6	1352	3491	0.34%	0.044%
15	4.019	335	347	359	rBV	117798	356495	34.26%	4.478%
16	4.129	359	365	374	rVB	16219	42803	4.11%	0.538%
17	4.275	386	389	391	rBV3	411	547	0.05%	0.007%
18	4.391	395	408	417	rBV2	7280	22439	2.16%	0.282%
19	4.714	460	461	465	rBV4	699	937	0.09%	0.012%
20	4.915	483	494	509	rBV5	12085	50418	4.84%	0.633%
21	5.062	515	518	519	rBV3	725	800	0.08%	0.010%
22	5.159	531	534	535	rBV3	639	691	0.07%	0.009%
23	5.415	569	576	578	rBV6	1262	2574	0.25%	0.032%
24	5.525	592	594	596	rBV2	711	598	0.06%	0.008%
25	5.550	596	598	602	rVB3	774	696	0.07%	0.009%
26	5.617	606	609	610	rBV3	725	598	0.06%	0.008%
27	5.732	625	628	629	rBV2	583	723	0.07%	0.009%
28	5.873	649	651	654	rBV3	630	663	0.06%	0.008%
29	5.940	656	662	671	rVB4	3396	9746	0.94%	0.122%
30	6.031	673	677	678	rBV3	567	724	0.07%	0.009%
31	6.104	686	689	690	rVV2	595	584	0.06%	0.007%
32	6.135	693	694	699	rVV3	661	823	0.08%	0.010%
33	6.184	699	702	704	rVB3	605	588	0.06%	0.007%
34	6.208	704	706	709	rBV3	421	571	0.05%	0.007%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C12

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\SOM2WLM122420S.M
Title : VOC Analysis

35	6.245	711	712	715	rVV2	537	582	0.06%	0.007%
36	6.306	715	722	731	rVV7	2117	7471	0.72%	0.094%
37	6.415	738	740	745	rVV5	489	749	0.07%	0.009%
38	6.488	750	752	754	rVV3	1077	1184	0.11%	0.015%
39	6.586	766	768	770	rVB3	642	664	0.06%	0.008%
40	6.616	770	773	774	rBV2	686	669	0.06%	0.008%
41	6.641	774	777	779	rVB2	590	622	0.06%	0.008%
42	6.671	779	782	783	rBV2	708	561	0.05%	0.007%
43	6.763	795	797	799	rBV	835	813	0.08%	0.010%
44	6.818	804	806	809	rVB3	798	725	0.07%	0.009%
45	6.866	809	814	815	rBV2	467	703	0.07%	0.009%
46	6.976	829	832	835	rVB4	738	821	0.08%	0.010%
47	7.080	840	849	858	rBV	30181	90749	8.72%	1.140%
48	7.305	884	886	888	rVB2	786	663	0.06%	0.008%
49	7.348	888	893	896	rBV6	942	1536	0.15%	0.019%
50	7.647	929	942	953	rBV	178124	441855	42.46%	5.550%
51	7.824	970	971	974	rBV3	691	625	0.06%	0.008%
52	7.909	981	985	986	rBV2	1165	1296	0.12%	0.016%
53	7.933	986	989	991	rBV3	1345	1696	0.16%	0.021%
54	8.031	1003	1005	1011	rVB5	1877	2502	0.24%	0.031%
55	8.159	1017	1026	1031	rBV8	2383	5654	0.54%	0.071%
56	8.275	1036	1045	1063	rBV2	340075	1040662	100.00%	13.072%
57	8.415	1066	1068	1071	rBV5	1204	1602	0.15%	0.020%
58	8.488	1078	1080	1081	rBV2	886	720	0.07%	0.009%
59	8.573	1088	1094	1100	rVB7	1202	2931	0.28%	0.037%
60	8.665	1105	1109	1110	rBV5	740	938	0.09%	0.012%
61	8.695	1110	1114	1122	rBV9	2090	4616	0.44%	0.058%
62	8.756	1122	1124	1128	rVB4	915	792	0.08%	0.010%
63	8.842	1128	1138	1150	rBV	350877	693159	66.61%	8.707%
64	9.073	1170	1176	1183	rBV7	8583	18564	1.78%	0.233%
65	9.274	1201	1209	1217	rBV	236013	484428	46.55%	6.085%
66	9.463	1238	1240	1244	rVB4	1744	2079	0.20%	0.026%
67	9.524	1244	1250	1256	rBV7	5763	12664	1.22%	0.159%
68	9.756	1283	1288	1295	rVB5	3964	7924	0.76%	0.100%
69	9.841	1300	1302	1305	rBV3	1495	1504	0.14%	0.019%
70	9.896	1305	1311	1316	rBV3	16951	31178	3.00%	0.392%
71	9.957	1317	1321	1324	rBV5	3388	5314	0.51%	0.067%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C12

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\SOM2WLM122420S.M
Title : VOC Analysis

72	10.037	1328	1334	1342	rBV	117070	204140	19.62%	2.564%
73	10.201	1359	1361	1362	rBV2	1325	891	0.09%	0.011%
74	10.250	1364	1369	1374	rVV3	19490	35253	3.39%	0.443%
75	10.323	1374	1381	1388	rVV	452350	804285	77.29%	10.103%
76	10.390	1389	1392	1396	rVB2	10116	14890	1.43%	0.187%
77	10.506	1406	1411	1417	rVB6	7008	13531	1.30%	0.170%
78	10.579	1417	1423	1433	rBV	74372	129764	12.47%	1.630%
79	10.664	1433	1437	1445	rVB9	5592	11886	1.14%	0.149%
80	10.756	1450	1452	1457	rVB5	4511	7118	0.68%	0.089%
81	10.841	1460	1466	1473	rVB3	26795	53704	5.16%	0.675%
82	10.927	1474	1480	1493	rBV	105897	209220	20.10%	2.628%
83	11.110	1506	1510	1513	rBV4	10037	14959	1.44%	0.188%
84	11.225	1526	1529	1534	rVB4	10922	15632	1.50%	0.196%
85	11.274	1534	1537	1545	rVB4	12557	22242	2.14%	0.279%
86	11.341	1545	1548	1550	rBV3	5591	6965	0.67%	0.087%
87	11.402	1554	1558	1564	rVB5	26802	47957	4.61%	0.602%
88	11.512	1572	1576	1581	rBV3	6382	9149	0.88%	0.115%
89	11.634	1589	1596	1597	rBV	509629	743387	71.43%	9.338%
90	11.835	1622	1629	1633	rBV	21992	46146	4.43%	0.580%
91	12.164	1672	1683	1688	rBV9	17191	49874	4.79%	0.626%
92	12.463	1727	1732	1738	rBV	74847	119779	11.51%	1.505%
93	12.603	1752	1755	1759	rVB5	6211	9408	0.90%	0.118%
94	12.695	1764	1770	1778	rVB	172804	300849	28.91%	3.779%
95	12.865	1793	1798	1801	rBV4	10868	18063	1.74%	0.227%
96	13.127	1837	1841	1845	rBV3	15281	23916	2.30%	0.300%
97	13.499	1896	1902	1906	rVB3	46957	82931	7.97%	1.042%
98	13.560	1906	1912	1924	rVB3	355181	773736	74.35%	9.719%
99	13.853	1955	1960	1966	rVB	248329	407688	39.18%	5.121%
100	15.554	2235	2239	2247	rVB4	23842	43277	4.16%	0.544%

Sum of corrected areas: 7961020

LSC Report - Integrated Chromatogram

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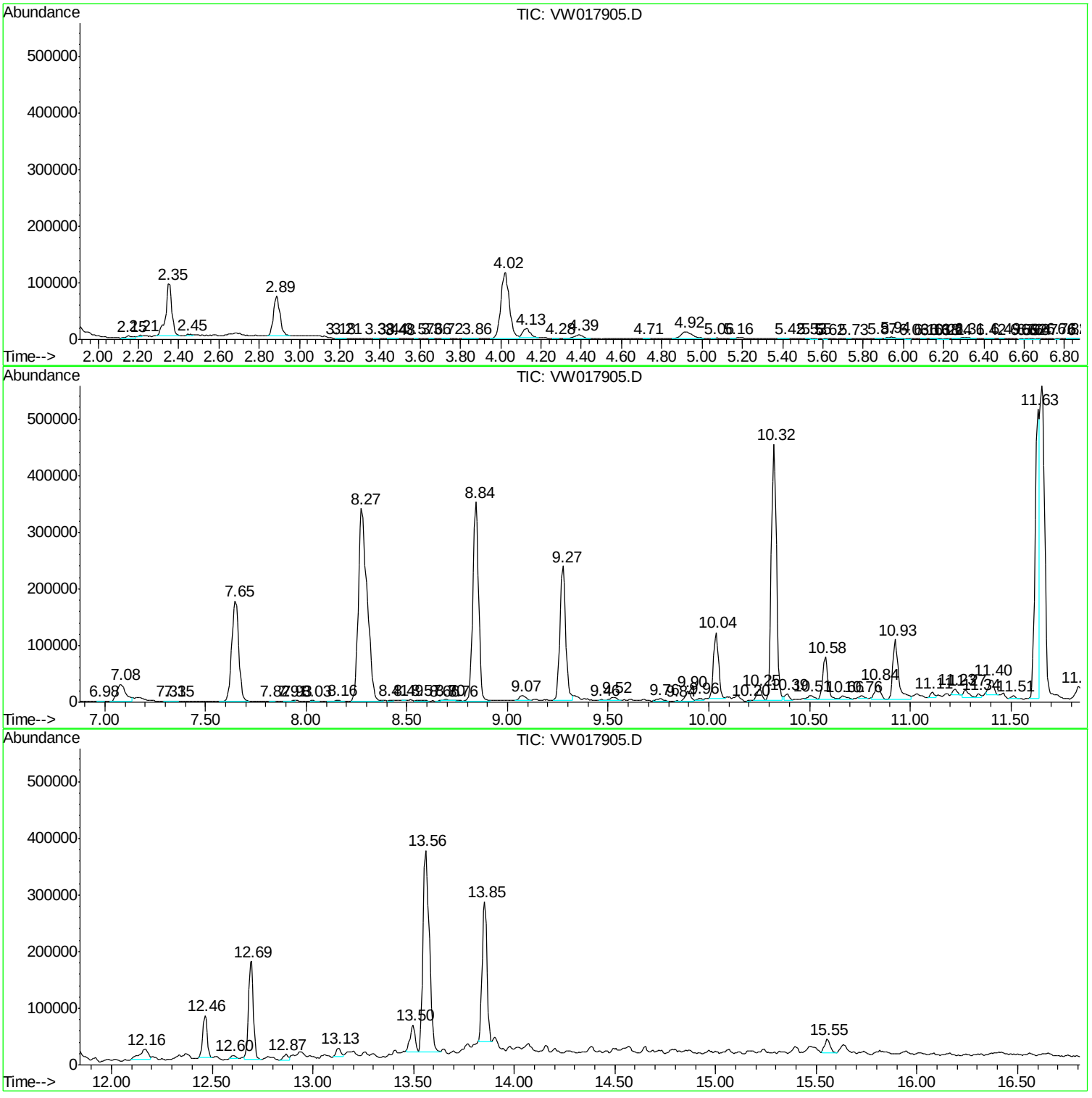
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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



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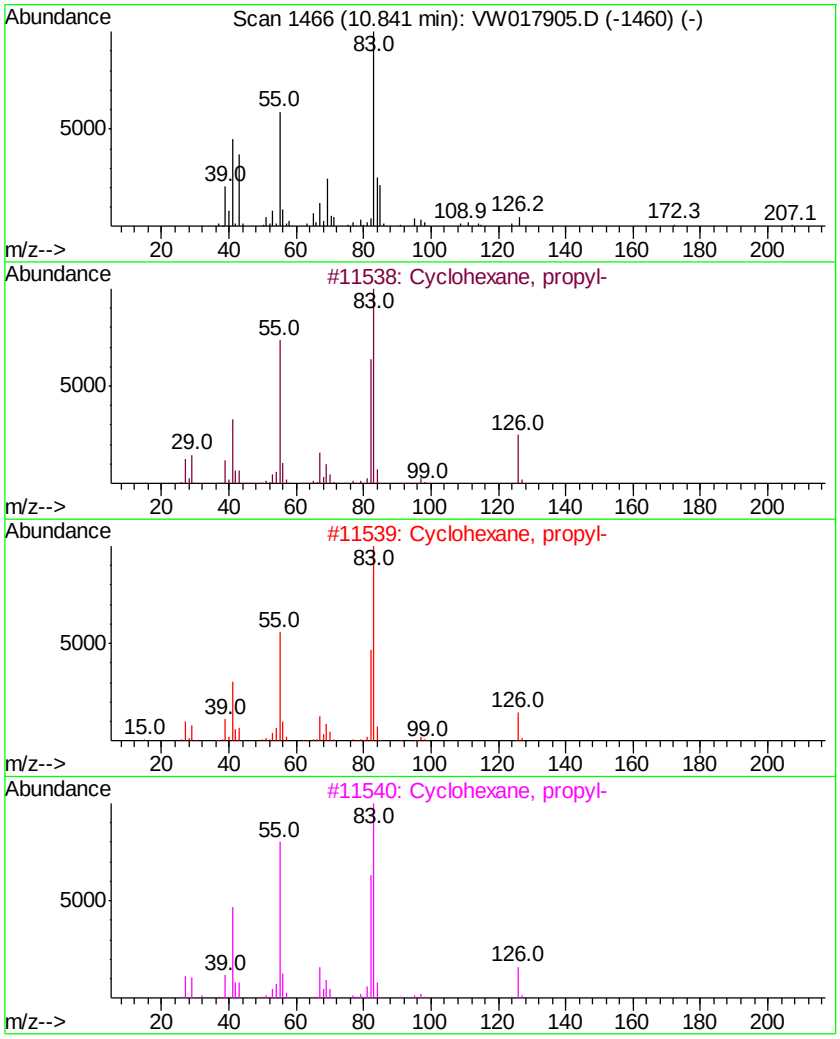
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

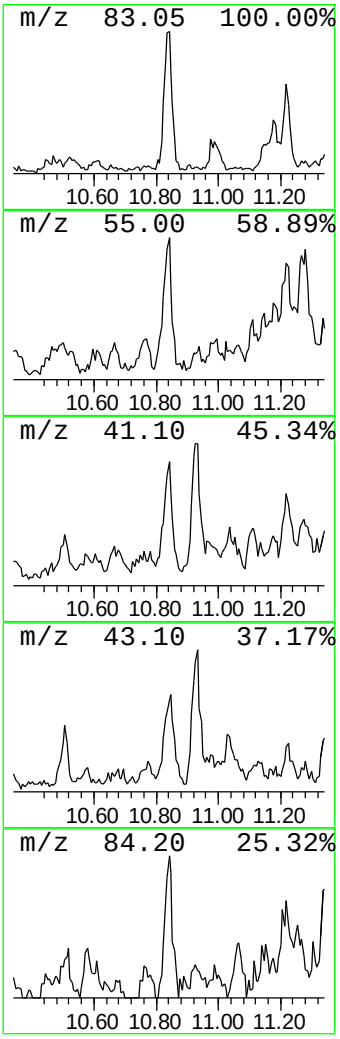
****

Peak Number 2 (DEL) Alkane: Cyclic10.84 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	1.81 ug/L	53704	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	50
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	50





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

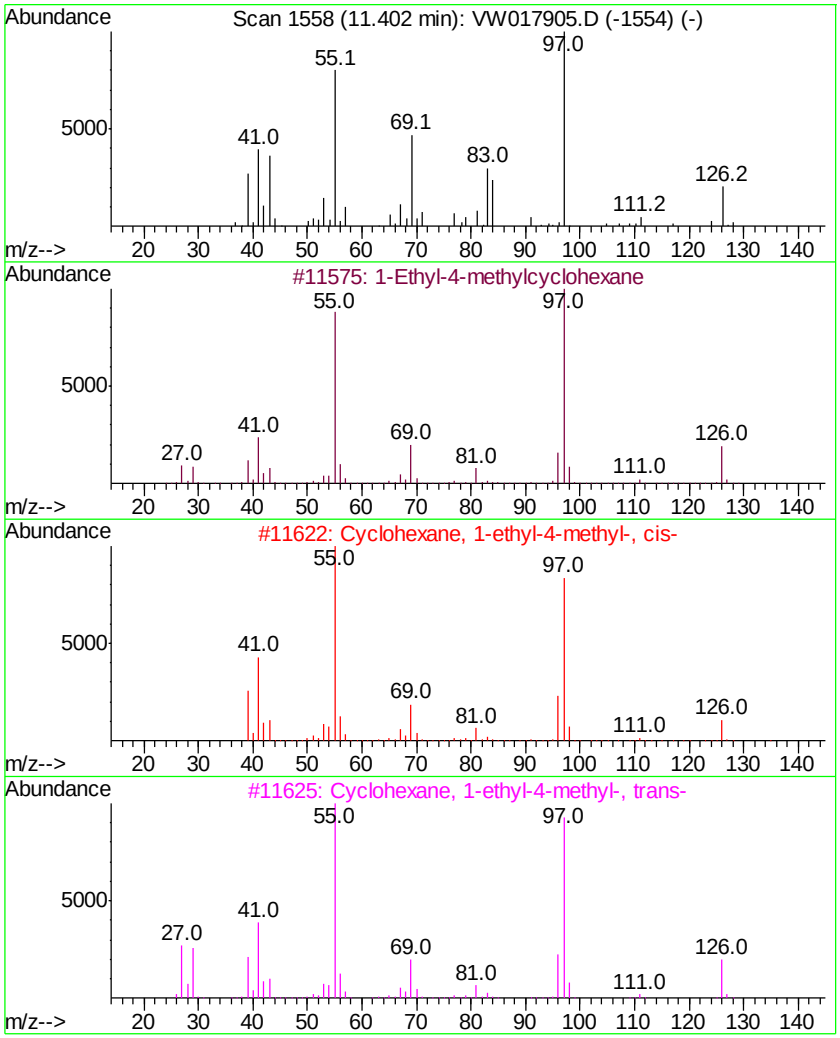
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

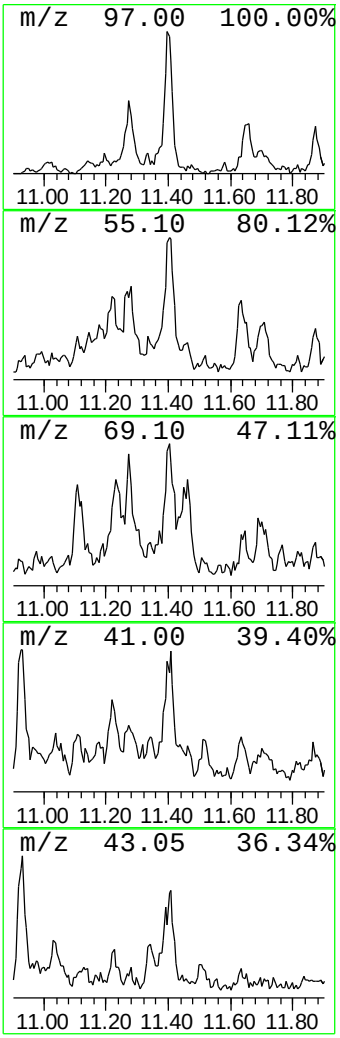
****

Peak Number 3 (DEL) Alkane: Cyclic11.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	1.61 ug/L	47957	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52





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Quant Title : VOC Analysis

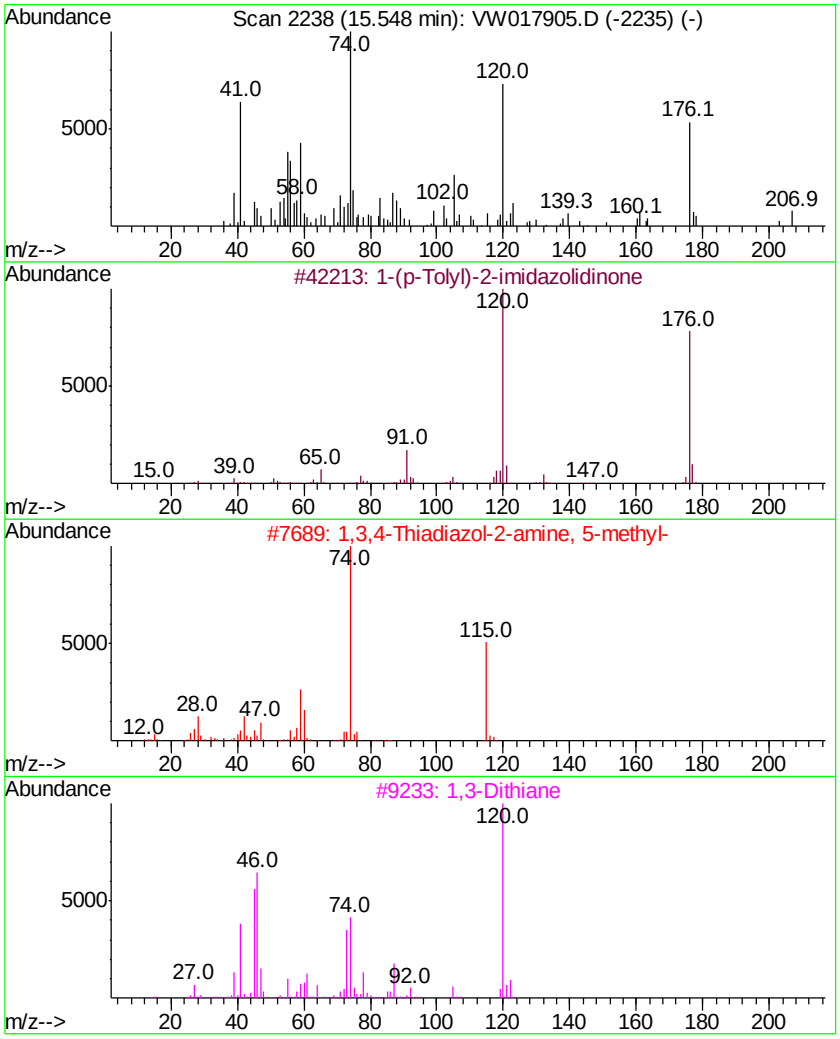
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

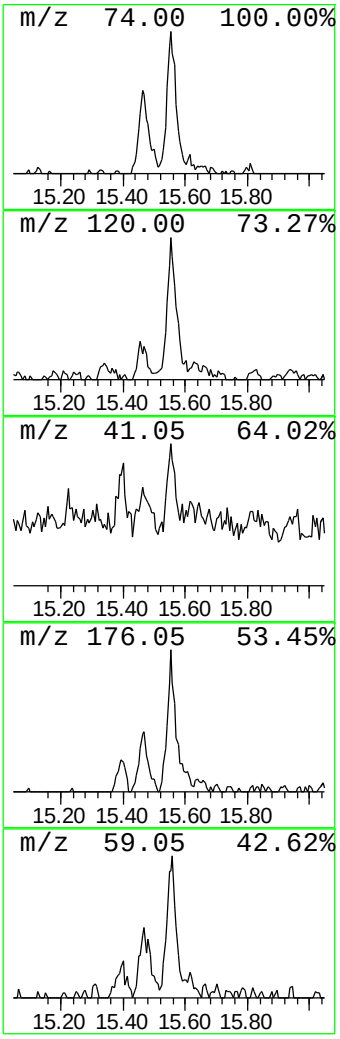
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	1.40 ug/L	43277	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Tolyl)-2-imidazolidinone	176	C10H12N2O	090917-76-3	30
2	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	25
3	1,3-Dithiane	120	C4H8S2	000505-23-7	25
4	Propanoic acid, 3,3'-sulfonylbis-	210	C6H10O6S	006291-88-9	16
5	Benzenamine, N-(2,2-dimethylprop...	177	C12H19N	053927-61-0	14





Tentatively Identified Compound (LSC) summary

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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: Cyc...	10.84	1.8	ug/L	53704	2	11.63	743387	25.0
(DEL) Alkane: Cyc...	11.40	1.6	ug/L	47957	2	11.63	743387	25.0
unknown-01	15.55	1.4	ug/L	43277	3	13.56	773736	25.0