LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010064.D
Acq On : 19 Apr 2019 13:52
Operator : SY/VA
Sample : K2455-14
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHR4

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\SOM2WLM041519S.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	3.403	245	246	249	rVB2	916	508	0.17%	0.024%
2	3.513	262	264	265	rBV2	1183	1070	0.35%	0.051%
3	3.763	303	305	307	rBV3	738	426	0.14%	0.020%
4	3.909	327	329	331	rBV2	728	567	0.18%	0.027%
5	4.007	335	345	356	rVV3	41129	111267	36.20%	5.332%
6	4.214	377	379	383	rVB2	1056	1206	0.39%	0.058%
7	4.269	386	388	391	rVB2	1218	1117	0.36%	0.054%
8	4.306	391	394	395	rBV2	506	636	0.21%	0.030%
9	4.385	401	407	408	rBV3	2047	3464	1.13%	0.166%
10	4.598	440	442	445	rVB2	592	672	0.22%	0.032%
11	4.714	458	461	463	rBV3	1044	970	0.32%	0.046%
12	4.836	480	481	483	rBV2	731	755	0.25%	0.036%
13	4.909	483	493	508	rVB4	14486	47182	15.35%	2.261%
14	5.074	519	520	522	rBV2	700	611	0.20%	0.029%
15	5.251	548	549	551	rBV2	609	441	0.14%	0.021%
16	5.269	551	552	554	rBV2	575	594	0.19%	0.028%
17	5.360	564	567	570	rBV3	740	713	0.23%	0.034%
18	5.385	570	571	573	rBV	679	600	0.20%	0.029%
19	5.446	579	581	586	rBV4	718	763	0.25%	0.037%
20	5.507	589	591	593	rBV3	900	789	0.26%	0.038%
21	5.531	593	595	597	rVB2	684	508	0.17%	0.024%
22	5.574	600	602	603	rBV	877	706	0.23%	0.034%
23	5.671	616	618	621	rBV2	958	1082	0.35%	0.052%
24	5.763	629	633	634	rBV3	833	1198	0.39%	0.057%
25	5.921	654	659	660	rBV3	3279	4847	1.58%	0.232%
26	6.031	675	677	682	rVB3	911	1026	0.33%	0.049%
27	6.080	682	685	686	rBV	758	783	0.25%	0.038%
28	6.092	686	687	688	rVV	974	482	0.16%	0.023%
29	6.135	692	694	695	rBV	846	779	0.25%	0.037%
30	6.287	717	719	720	rBV2	924	554	0.18%	0.027%
31	6.379	732	734	735	rBV	774	503	0.16%	0.024%
32	6.421	739	741	746	rVB4	1281	1578	0.51%	0.076%
33	6.464	746	748	751	rBV3	905	1310	0.43%	0.063%
34	6.513	754	756	758	rBV	615	674	0.22%	0.032%

LSC Area Percent Report

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Operator : SY/VA
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Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHR4

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\SOM2WLM041519S.M
Title : VOC Analysis

35	6.653	776	779	781	rBV	560	674	0.22%	0.032%
36	6.757	794	796	797	rVV	811	583	0.19%	0.028%
37	6.878	815	816	818	rBV	1056	610	0.20%	0.029%
38	6.897	818	819	821	rVB3	644	480	0.16%	0.023%
39	7.080	841	849	861	rBV	10474	32369	10.53%	1.551%
40	7.250	871	877	890	rBV2	11507	29539	9.61%	1.416%
41	7.391	899	900	902	rBV	1395	894	0.29%	0.043%
42	7.647	933	942	953	rVB	53882	133740	43.51%	6.409%
43	7.817	966	970	973	rBV4	663	1052	0.34%	0.050%
44	7.909	984	985	987	rBV	494	450	0.15%	0.022%
45	7.945	990	991	992	rBV	744	426	0.14%	0.020%
46	8.000	997	1000	1001	rBV2	498	481	0.16%	0.023%
47	8.067	1010	1011	1013	rBV2	495	442	0.14%	0.021%
48	8.275	1034	1045	1059	rVV3	98364	307366	100.00%	14.730%
49	8.561	1089	1092	1093	rBV	690	603	0.20%	0.029%
50	8.659	1106	1108	1111	rBV2	662	917	0.30%	0.044%
51	8.744	1120	1122	1124	rVB2	1117	746	0.24%	0.036%
52	8.774	1124	1127	1129	rBV3	669	634	0.21%	0.030%
53	8.842	1129	1138	1145	rBV	87363	177054	57.60%	8.485%
54	8.982	1158	1161	1164	rBV4	566	597	0.19%	0.029%
55	9.213	1195	1199	1201	rBV3	679	1134	0.37%	0.054%
56	9.274	1202	1209	1218	rVB	69982	143671	46.74%	6.885%
57	9.506	1245	1247	1249	rVV2	698	443	0.14%	0.021%
58	9.561	1253	1256	1257	rBV3	745	555	0.18%	0.027%
59	9.695	1276	1278	1279	rBV	468	427	0.14%	0.020%
60	9.762	1285	1289	1295	rVB5	1979	3760	1.22%	0.180%
61	9.835	1297	1301	1303	rBV4	981	1111	0.36%	0.053%
62	9.890	1305	1310	1317	rVB5	4283	9170	2.98%	0.439%
63	9.963	1320	1322	1323	rBV	630	468	0.15%	0.022%
64	10.036	1326	1334	1342	rBV	32684	62685	20.39%	3.004%
65	10.152	1351	1353	1357	rVB4	664	741	0.24%	0.036%
66	10.201	1360	1361	1364	rBV3	563	624	0.20%	0.030%
67	10.256	1364	1370	1373	rVB6	2160	3735	1.22%	0.179%
68	10.323	1374	1381	1389	rVV	113229	203945	66.35%	9.774%
69	10.579	1417	1423	1431	rBV	22192	39856	12.97%	1.910%
70	10.640	1431	1433	1435	rVB2	1204	967	0.31%	0.046%
71	10.835	1463	1465	1466	rBV2	542	394	0.13%	0.019%

LSC Area Percent Report

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Operator : SY/VA
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Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHR4

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\SOM2WLM041519S.M
Title : VOC Analysis

72	10.927	1474	1480	1493	rBV	29564	55624	18.10%	2.666%
73	11.036	1496	1498	1500	rVB2	809	503	0.16%	0.024%
74	11.073	1500	1504	1506	rBV4	1471	2327	0.76%	0.112%
75	11.213	1525	1527	1529	rBV	727	578	0.19%	0.028%
76	11.231	1529	1530	1533	rVB2	874	589	0.19%	0.028%
77	11.268	1533	1536	1538	rBV2	960	1436	0.47%	0.069%
78	11.292	1538	1540	1542	rVV2	1036	838	0.27%	0.040%
79	11.347	1546	1549	1550	rBV3	883	775	0.25%	0.037%
80	11.487	1571	1572	1576	rVB2	818	796	0.26%	0.038%
81	11.530	1576	1579	1580	rBV2	700	590	0.19%	0.028%
82	11.634	1588	1596	1604	rBV	123163	216046	70.29%	10.354%
83	11.768	1616	1618	1621	rVB2	1298	1161	0.38%	0.056%
84	12.073	1666	1668	1669	rVB2	732	479	0.16%	0.023%
85	12.268	1696	1700	1701	rBV2	476	669	0.22%	0.032%
86	12.335	1709	1711	1712	rBV	1309	715	0.23%	0.034%
87	12.615	1753	1757	1761	rVB5	2200	3469	1.13%	0.166%
88	12.694	1763	1770	1778	rVB	56676	92159	29.98%	4.417%
89	13.048	1827	1828	1830	rBV2	873	399	0.13%	0.019%
90	13.316	1863	1872	1873	rBV7	6027	12976	4.22%	0.622%
91	13.560	1906	1912	1920	rVB	104069	167745	54.58%	8.039%
92	13.707	1934	1936	1937	rBV2	906	979	0.32%	0.047%
93	13.859	1955	1961	1967	rBV	94827	161089	52.41%	7.720%
94	14.255	2024	2026	2027	rBV2	881	544	0.18%	0.026%
95	14.304	2029	2034	2035	rBV3	1834	2764	0.90%	0.132%
96	14.432	2054	2055	2058	rVB3	1174	753	0.24%	0.036%
97	14.456	2058	2059	2061	rBV2	892	636	0.21%	0.030%
98	14.749	2106	2107	2108	rBV	1359	690	0.22%	0.033%
99	14.883	2127	2129	2132	rBV4	837	910	0.30%	0.044%
100	15.444	2218	2221	2226	rVB5	3796	4695	1.53%	0.225%

Sum of corrected areas: 2086658

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041919\
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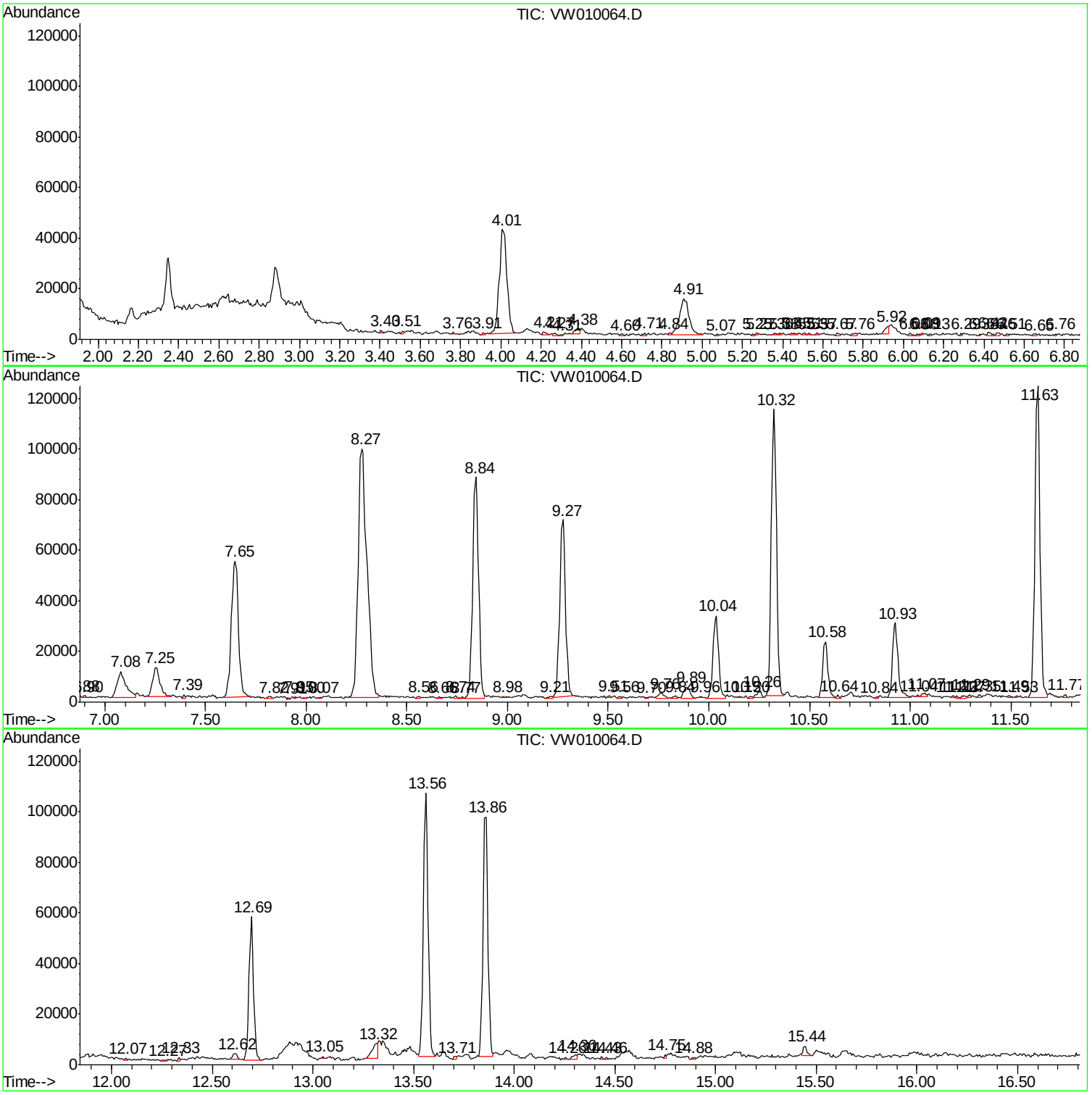
Operator : SY/VA
Sample : K2455-14
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHR4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041919\
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Quant Title : VOC Analysis

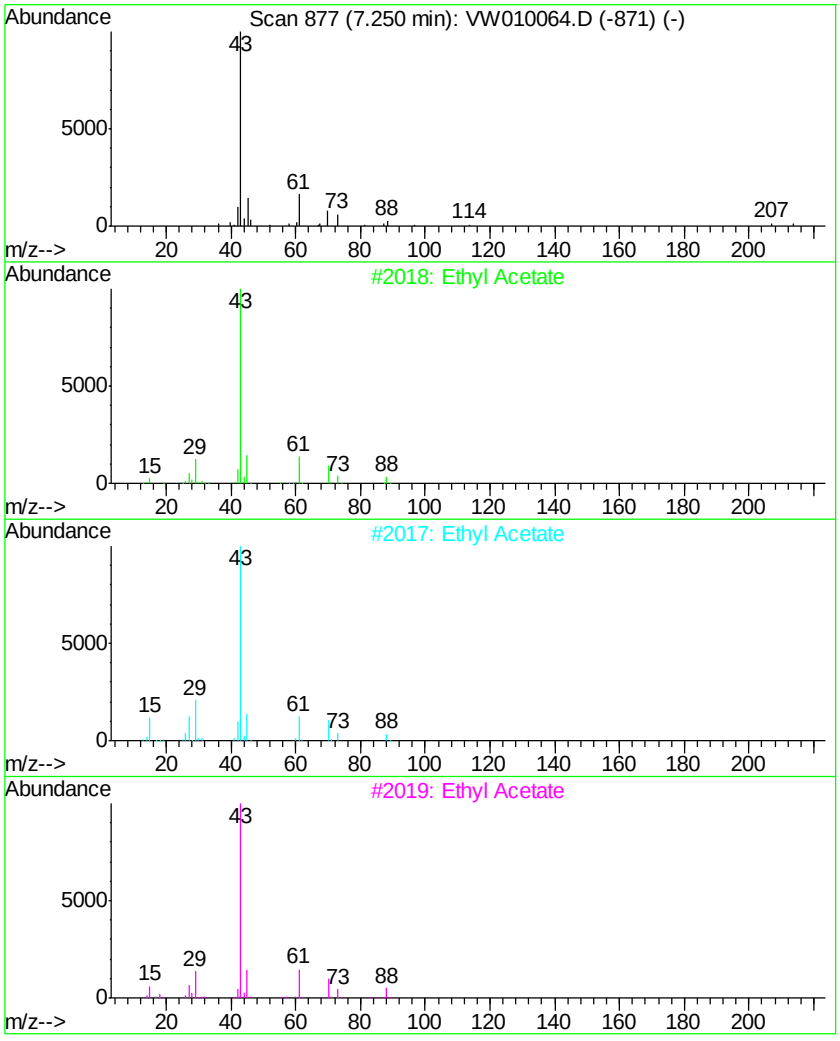
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

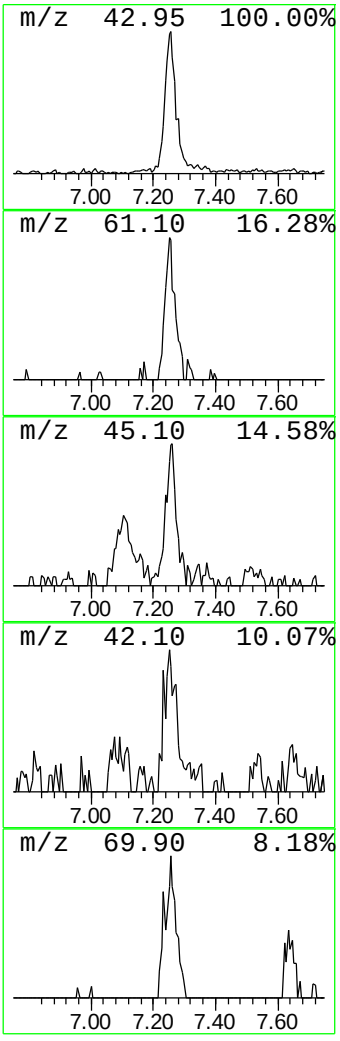
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	4.17 ug/L	29539	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	72
2	Ethyl Acetate	88	C4H8O2	000141-78-6	72
3	Ethyl Acetate	88	C4H8O2	000141-78-6	59
4	sec-Butyl nitrite	103	C4H9NO2	000924-43-6	36
5	(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHR4

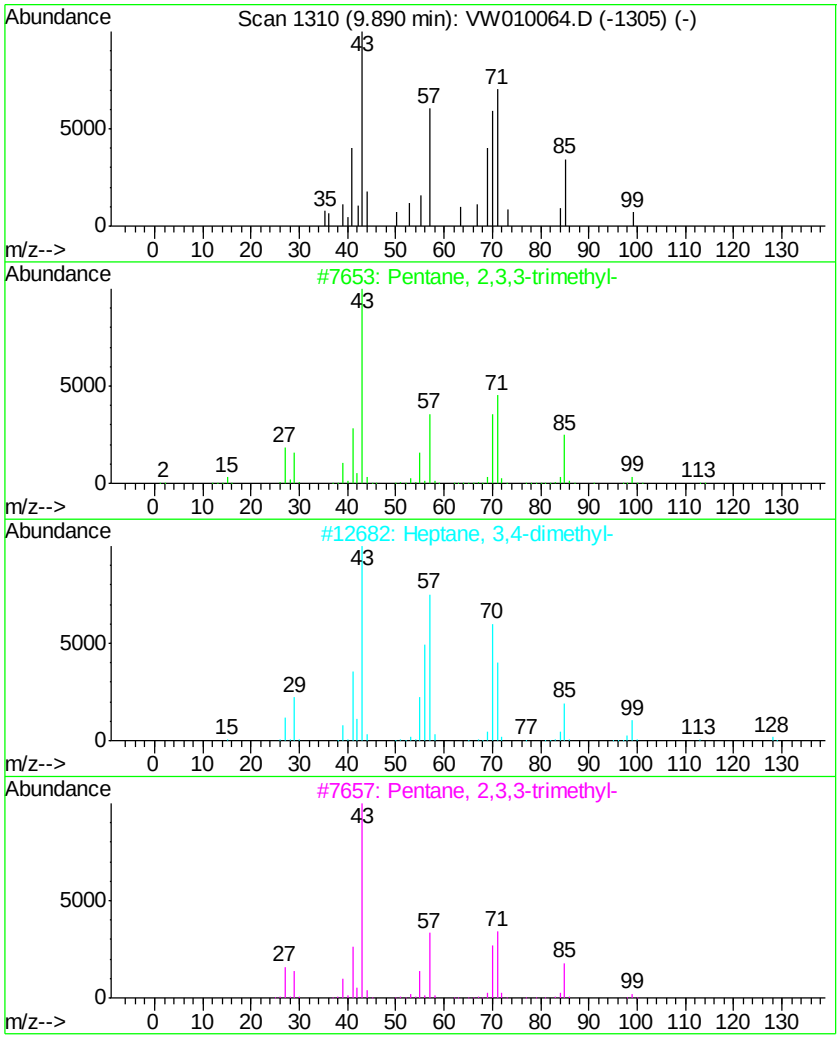
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

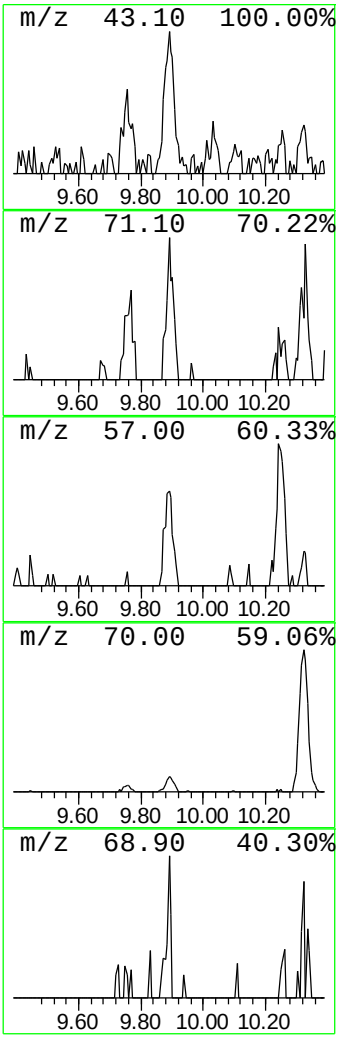
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.29 ug/L	9170	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	47
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	45
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	40
5	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	38





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

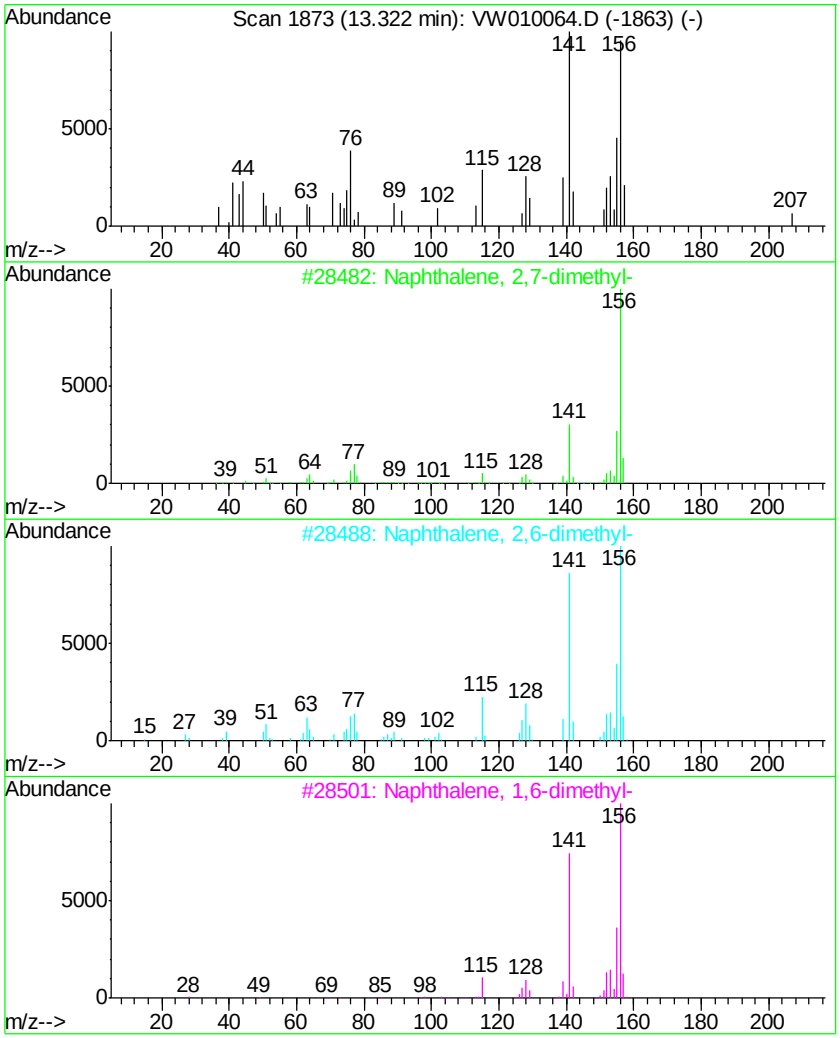
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

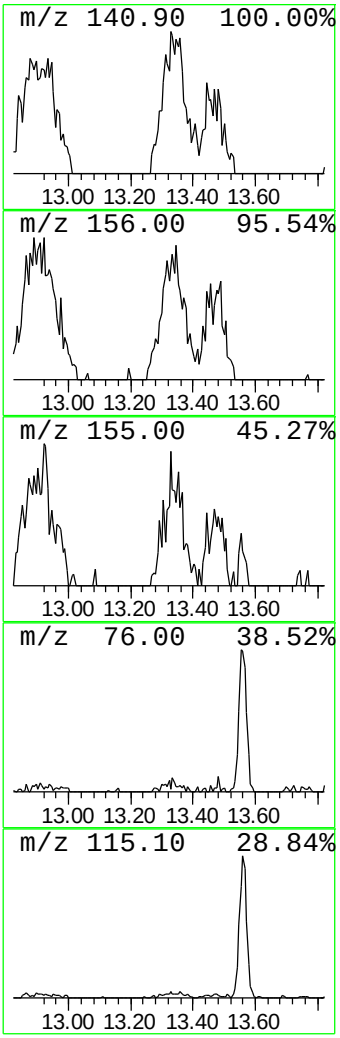
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	1.93 ug/L	12976	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	72
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	60
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	59
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	53
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	49





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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
Ethyl Acetate	7.25	4.2	ug/L	29539	1	8.84	177054	25.0
(DEL) Alkane: Str...	9.89	1.3	ug/L	9170	1	8.84	177054	25.0
Naphthalene, 2,7-...	13.32	1.9	ug/L	12976	3	13.56	167745	25.0