LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071818\
Data File : VU025493.D
Acq On : 18 Jul 2018 13:19
Operator : MD/SY
Sample : J3986-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

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_U\METHOD\SOMULM071718WMA.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	0.725	35	42	46	rVV4	447	574	0.04%	0.002%
2	0.960	110	115	118	rBV2	503	379	0.03%	0.002%
3	1.088	135	155	174	rBV	1209993	1334140	96.92%	5.693%
4	1.204	185	191	203	rVB	115786	119592	8.69%	0.510%
5	1.294	213	219	224	rBV	25276	24699	1.79%	0.105%
6	1.330	224	230	242	rVB	94523	102804	7.47%	0.439%
7	1.403	245	253	268	rBV2	290806	320209	23.26%	1.366%
8	1.612	314	318	328	rVB	38945	41584	3.02%	0.177%
9	1.670	329	336	339	rBV	85277	104944	7.62%	0.448%
10	1.883	392	402	419	rVB	266900	371469	26.99%	1.585%
11	2.281	512	526	539	rBV5	623373	1121097	81.45%	4.784%
12	2.426	568	571	573	rBV2	709	432	0.03%	0.002%
13	2.526	598	602	608	rVB4	624	539	0.04%	0.002%
14	2.609	625	628	636	rBV3	834	942	0.07%	0.004%
15	2.702	644	657	680	rBV	226074	405678	29.47%	1.731%
16	2.838	689	699	700	rBV	3815	4607	0.33%	0.020%
17	2.982	731	744	761	rBV	115027	209697	15.23%	0.895%
18	3.072	768	772	777	rBV2	394	464	0.03%	0.002%
19	3.117	783	786	790	rVB3	576	438	0.03%	0.002%
20	3.313	843	847	851	rVB4	687	555	0.04%	0.002%
21	3.339	851	855	858	rBV2	458	400	0.03%	0.002%
22	3.448	871	889	910	rVV	247958	553867	40.24%	2.363%
23	3.551	918	921	926	rVB4	652	513	0.04%	0.002%
24	3.645	947	950	954	rVV3	491	472	0.03%	0.002%
25	3.680	957	961	969	rVV4	469	694	0.05%	0.003%
26	3.719	969	973	978	rVB4	655	654	0.05%	0.003%
27	3.805	996	1000	1007	rVB4	637	537	0.04%	0.002%
28	3.979	1048	1054	1058	rBV4	467	439	0.03%	0.002%
29	4.175	1096	1115	1121	rBV	89184	200199	14.54%	0.854%
30	4.368	1171	1175	1178	rBV5	805	752	0.05%	0.003%
31	4.464	1199	1205	1212	rVB4	726	854	0.06%	0.004%
32	4.551	1215	1232	1248	rBV3	158565	365903	26.58%	1.561%
33	4.670	1248	1269	1295	rVB4	332542	1066975	77.51%	4.553%
34	4.792	1305	1307	1311	rVB3	571	427	0.03%	0.002%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

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_U\METHOD\SOMULM071718WMA.M
Title : VOC Analysis

35	4.918	1328	1346	1366	rBV	104741	253601	18.42%	1.082%
36	5.063	1387	1391	1395	rVV5	505	486	0.04%	0.002%
37	5.136	1397	1414	1438	rVB	299068	695041	50.49%	2.966%
38	5.223	1438	1441	1448	rVB5	700	689	0.05%	0.003%
39	5.342	1453	1478	1485	rBV2	357696	1041826	75.69%	4.446%
40	5.397	1488	1495	1521	rVB3	620591	1376480	100.00%	5.874%
41	5.532	1534	1537	1542	rVB3	910	864	0.06%	0.004%
42	5.567	1542	1548	1549	rBV3	538	445	0.03%	0.002%
43	5.709	1583	1592	1604	rBV3	3472	6824	0.50%	0.029%
44	5.754	1604	1606	1614	rVB3	589	452	0.03%	0.002%
45	5.889	1633	1648	1665	rBV	399808	783655	56.93%	3.344%
46	6.062	1700	1702	1706	rVV2	557	390	0.03%	0.002%
47	6.188	1724	1741	1767	rBV	583221	1112120	80.79%	4.746%
48	6.333	1772	1786	1804	rVV	246388	486399	35.34%	2.076%
49	6.435	1805	1818	1837	rVB	257227	492405	35.77%	2.101%
50	6.760	1904	1919	1936	rVV2	104954	192821	14.01%	0.823%
51	6.879	1940	1956	1973	rVB2	11093	24132	1.75%	0.103%
52	7.005	1993	1995	1998	rBV3	545	464	0.03%	0.002%
53	7.101	2023	2025	2029	rBV2	436	402	0.03%	0.002%
54	7.230	2052	2065	2071	rBV	148816	259105	18.82%	1.106%
55	7.271	2072	2078	2096	rVV	171653	286674	20.83%	1.223%
56	7.384	2100	2113	2134	rVB	22253	41841	3.04%	0.179%
57	7.506	2148	2151	2154	rVB3	590	405	0.03%	0.002%
58	7.567	2155	2170	2187	rBV	499746	867340	63.01%	3.701%
59	7.882	2262	2268	2289	rVB	327653	529275	38.45%	2.259%
60	7.992	2299	2302	2306	rVB2	943	670	0.05%	0.003%
61	8.021	2308	2311	2313	rVV2	656	450	0.03%	0.002%
62	8.069	2314	2326	2341	rVV	202957	337731	24.54%	1.441%
63	8.230	2363	2376	2391	rBV	648369	1086688	78.95%	4.637%
64	8.313	2391	2402	2431	rVB	305737	514509	37.38%	2.196%
65	8.480	2440	2454	2466	rBV	216467	363381	26.40%	1.551%
66	8.590	2476	2488	2501	rBV	118973	197614	14.36%	0.843%
67	8.770	2541	2544	2551	rVB2	763	893	0.06%	0.004%
68	8.812	2551	2557	2559	rBV2	609	597	0.04%	0.003%
69	8.902	2583	2585	2589	rVB2	765	431	0.03%	0.002%
70	9.091	2631	2644	2668	rBV	574239	937896	68.14%	4.002%
71	9.210	2668	2681	2700	rVB	483198	800746	58.17%	3.417%

LSC Area Percent Report

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Sample : J3986-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

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_U\METHOD\SOMULM071718WMA.M
Title : VOC Analysis

72	9.464	2756	2760	2763	rVB2	710	420	0.03%	0.002%
73	9.516	2774	2776	2783	rVB3	495	422	0.03%	0.002%
74	9.705	2831	2835	2839	rBV3	684	642	0.05%	0.003%
75	9.959	2903	2914	2929	rVV	233667	383476	27.86%	1.636%
76	10.435	3049	3062	3066	rBV	375030	596958	43.37%	2.547%
77	10.612	3109	3117	3124	rBV3	3799	6150	0.45%	0.026%
78	10.773	3161	3167	3179	rVV7	1733	2770	0.20%	0.012%
79	10.975	3221	3230	3237	rBV3	3369	5433	0.39%	0.023%
80	11.104	3264	3270	3272	rBV6	2360	2188	0.16%	0.009%
81	11.152	3273	3285	3302	rVB	864533	1303828	94.72%	5.564%
82	11.291	3324	3328	3330	rBV2	757	653	0.05%	0.003%
83	11.487	3377	3389	3407	rBV	617236	955650	69.43%	4.078%
84	11.573	3414	3416	3421	rVB4	1251	694	0.05%	0.003%
85	11.863	3493	3506	3527	rBV	557066	884867	64.28%	3.776%
86	12.178	3599	3604	3608	rBV3	783	892	0.06%	0.004%
87	12.217	3613	3616	3622	rVV3	468	470	0.03%	0.002%
88	12.483	3692	3699	3708	rVB2	3427	5067	0.37%	0.022%
89	12.567	3720	3725	3726	rBV3	1275	1061	0.08%	0.005%
90	12.602	3733	3736	3740	rBV3	971	830	0.06%	0.004%
91	12.660	3742	3754	3770	rVV2	137888	223918	16.27%	0.956%
92	12.885	3821	3824	3829	rVB4	890	665	0.05%	0.003%
93	13.207	3919	3924	3928	rBV	522	418	0.03%	0.002%
94	13.245	3934	3936	3940	rVB3	593	376	0.03%	0.002%
95	13.374	3974	3976	3983	rVB3	461	385	0.03%	0.002%
96	13.512	4015	4019	4023	rVB3	679	568	0.04%	0.002%
97	13.622	4051	4053	4056	rBV2	538	374	0.03%	0.002%
98	13.815	4109	4113	4118	rBV3	530	621	0.05%	0.003%
99	14.123	4206	4209	4214	rVB4	934	793	0.06%	0.003%
100	14.152	4214	4218	4220	rBV2	652	518	0.04%	0.002%

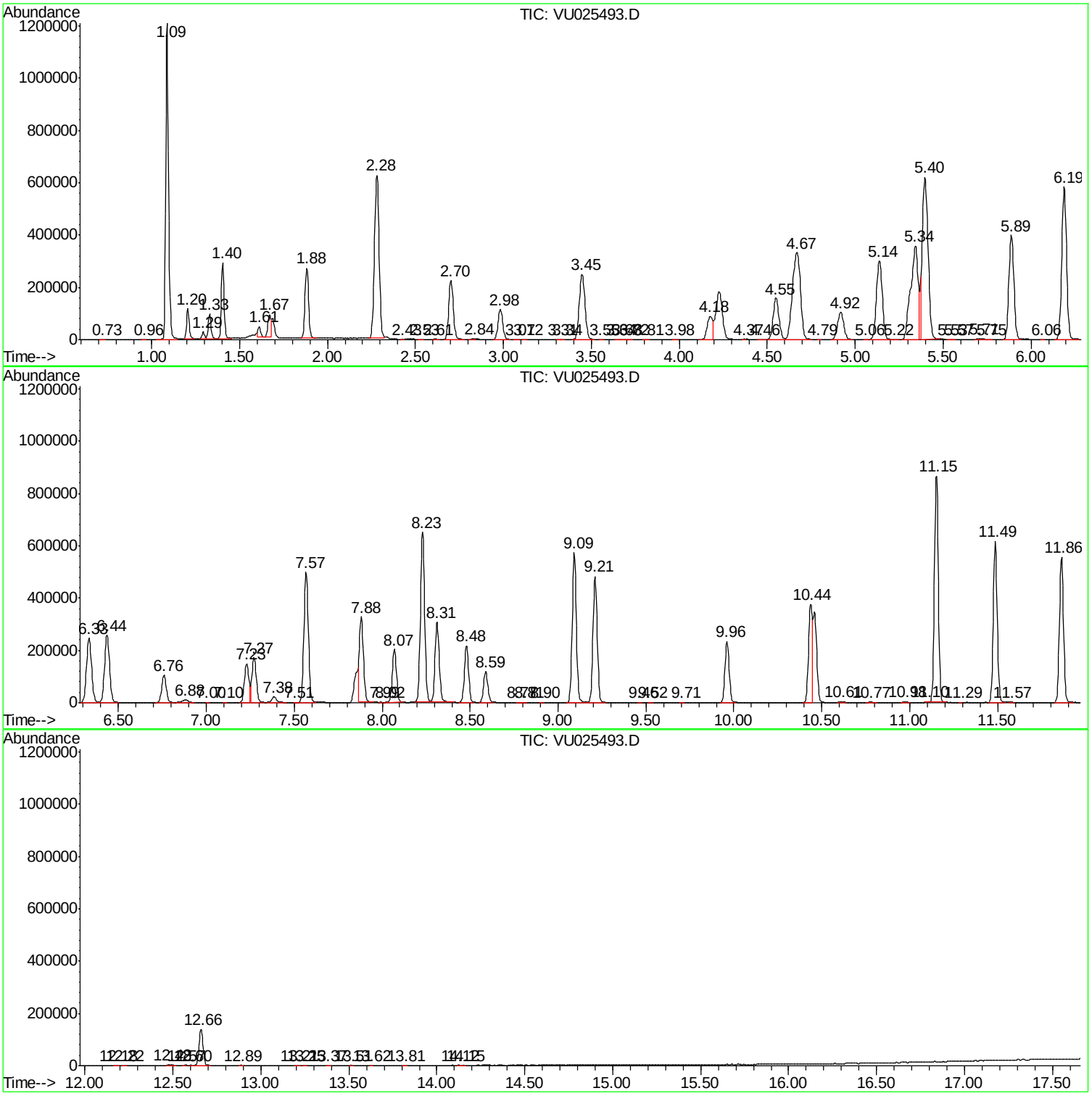
Sum of corrected areas: 23434378

LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071818\
Data File : VU025493.D
Acq On : 18 Jul 2018 13:19
Operator : MD/SY
Sample : J3986-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.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 U\Data\VU071818\
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Quant Title : VOC Analysis

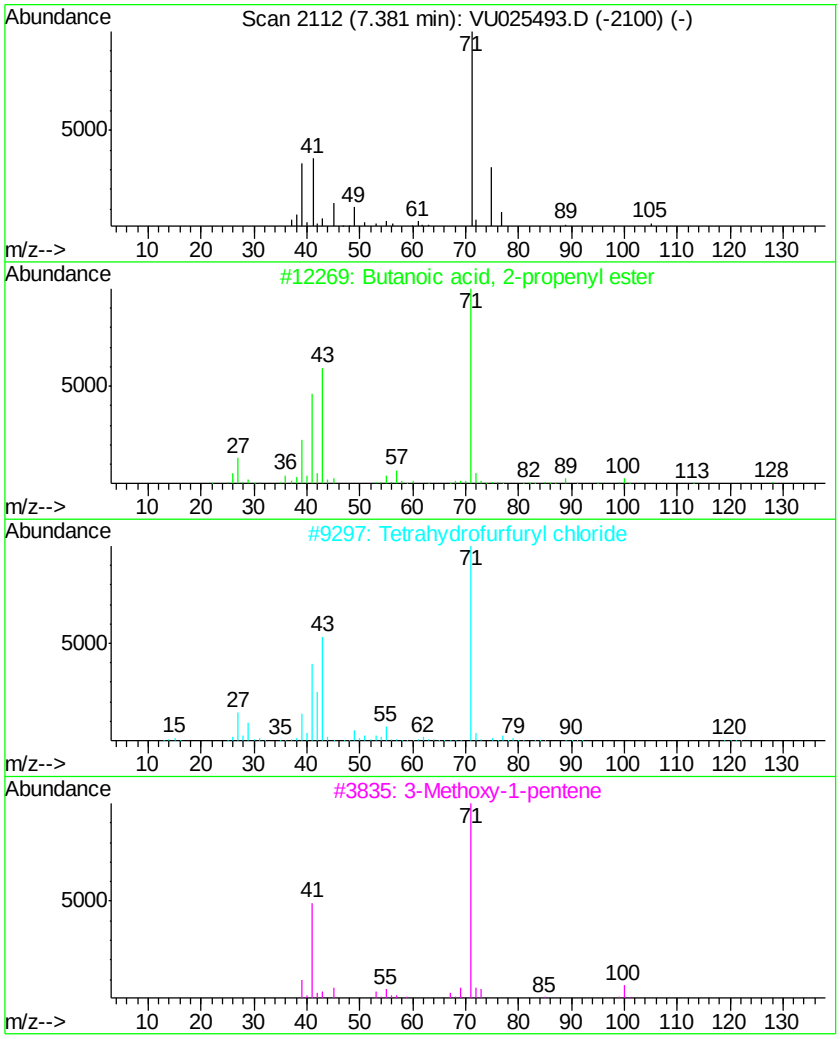
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

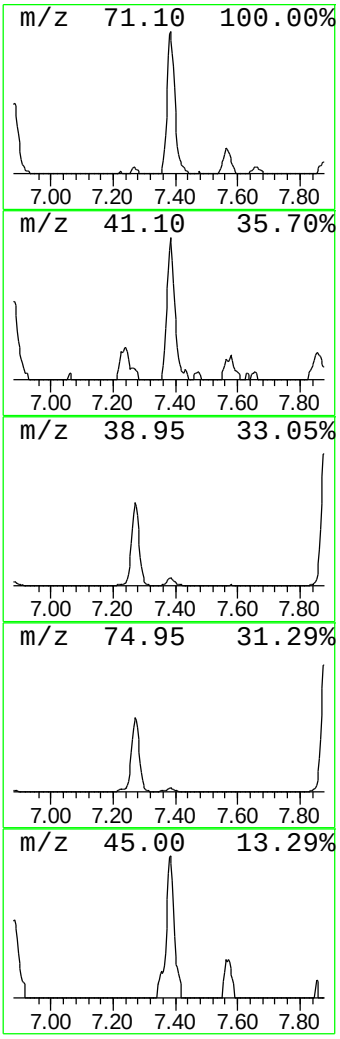
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	2.67 ug/L	41841	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	37
2	Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	33
3	3-Methoxy-1-pentene	100	C6H12O	014092-18-3	28
4	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	25
5	Butanoic acid, 2-pentenyl ester,...	156	C9H16O2	042125-13-3	9





Library Search Compound Report

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Acq On : 18 Jul 2018 13:19
Operator : MD/SY
Sample : J3986-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis

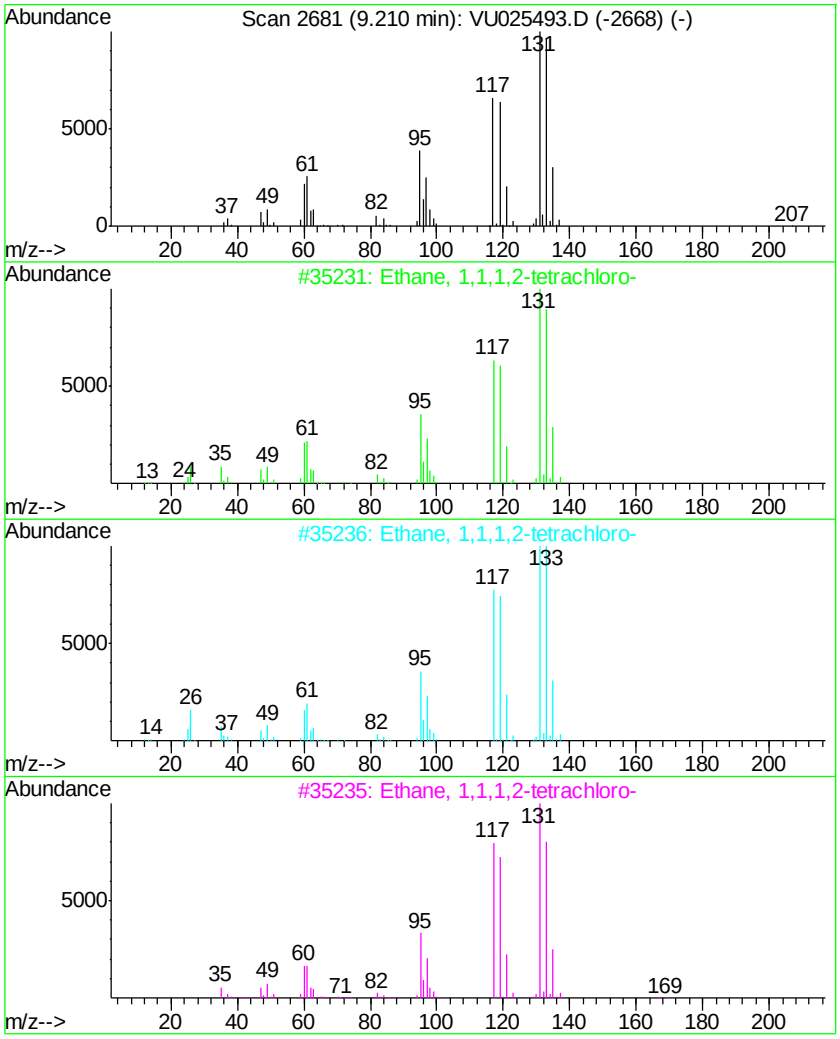
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

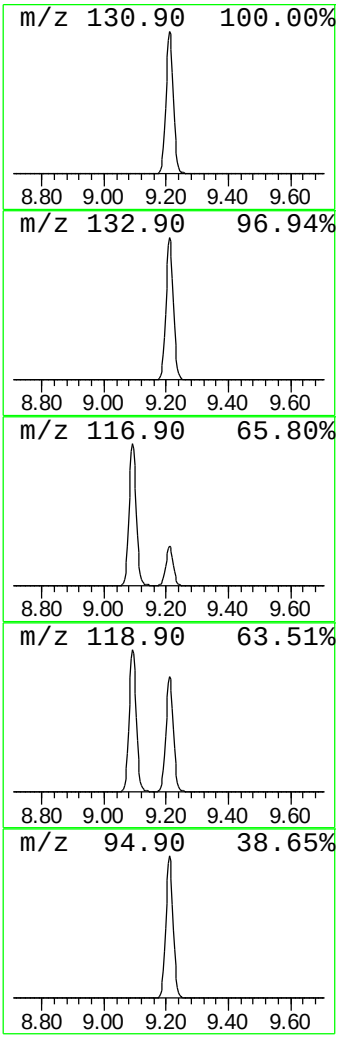
****

Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	42.69 ug/L	800746	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	64
5	Carbon Tetrachloride	152	CCl4	000056-23-5	10





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Quant Title : VOC Analysis

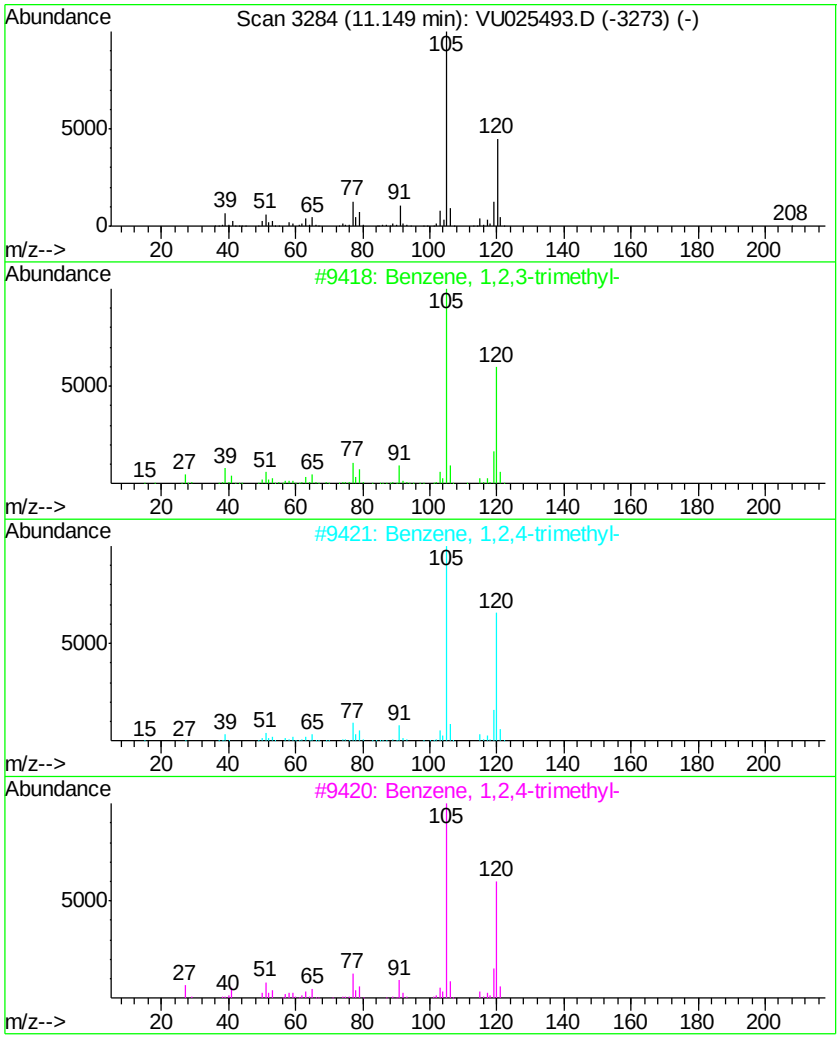
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

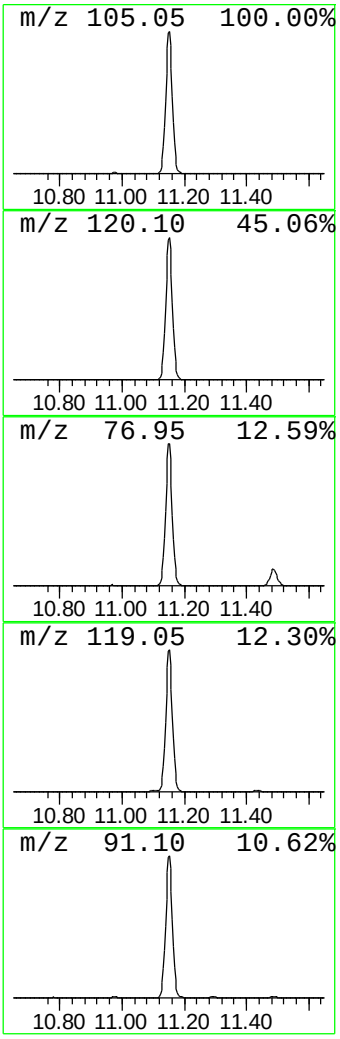
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	68.22 ug/L	1303830	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071818\
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ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.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
unknown-01	7.38	2.7	ug/L	41841	1	5.89	783655	50.0
Ethane, 1,1,1,2-t...	9.21	42.7	ug/L	800746	2	9.09	937896	50.0
Benzene, 1,2,4-tr...	11.15	68.2	ug/L	1303830	3	11.49	955650	50.0