LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
Data File : VY001646.D
Acq On : 17 Feb 2020 15:16
Operator : SY/MD
Sample : VY0217SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0217SBSD01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_Y\METHODS\82Y021720S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.908	23	28	41	rVB	43363	61793	4.62%	0.206%
2	2.121	58	63	72	rBV	54667	81441	6.09%	0.272%
3	2.255	76	85	93	rBV	52995	86091	6.44%	0.287%
4	2.652	141	150	166	rVB	42961	100318	7.50%	0.335%
5	2.798	166	174	181	rBV	31534	64952	4.86%	0.217%
6	3.133	221	229	242	rVB	62937	150866	11.28%	0.504%
7	3.542	287	296	308	rBV	43696	104806	7.84%	0.350%
8	3.743	321	329	339	rVB	18695	44997	3.36%	0.150%
9	3.889	342	353	363	rBV2	104424	402599	30.11%	1.344%
10	4.103	378	388	396	rBV2	27733	77051	5.76%	0.257%
11	4.206	396	405	423	rVB	67026	186309	13.93%	0.622%
12	4.493	432	452	470	rBV2	81601	246789	18.45%	0.824%
13	4.730	479	491	510	rVB	67454	216000	16.15%	0.721%
14	4.950	513	527	547	rVB4	19939	95229	7.12%	0.318%
15	5.236	552	574	593	rBV3	137104	606165	45.33%	2.024%
16	6.084	693	713	718	rBV2	193141	723045	54.07%	2.414%
17	6.998	850	863	873	rBV2	228493	665852	49.79%	2.223%
18	7.102	873	880	897	rVB4	52865	206910	15.47%	0.691%
19	7.358	906	922	939	rBV5	113705	384106	28.72%	1.283%
20	7.523	940	949	959	rBV	78141	193405	14.46%	0.646%
21	7.730	970	983	988	rBV3	198880	542713	40.58%	1.812%
22	7.803	988	995	1003	rVV2	399148	972507	72.72%	3.247%
23	7.919	1003	1014	1030	rVB3	167350	674513	50.44%	2.252%
24	8.169	1039	1055	1063	rBV4	284870	802641	60.02%	2.680%
25	8.254	1063	1069	1072	rBV	56853	129855	9.71%	0.434%
26	8.699	1133	1142	1157	rVB	414967	811483	60.68%	2.710%
27	8.949	1171	1183	1192	rVB	139424	271505	20.30%	0.907%
28	9.193	1212	1223	1226	rBV	202037	435554	32.57%	1.454%
29	9.309	1235	1242	1248	rBV3	117821	250475	18.73%	0.836%
30	9.370	1248	1252	1260	rVB	57629	98508	7.37%	0.329%
31	9.504	1266	1274	1282	rVB	95282	172630	12.91%	0.576%
32	9.730	1304	1311	1315	rBV	12860	27144	2.03%	0.091%
33	9.790	1315	1321	1329	rVB	337651	555139	41.51%	1.854%
34	9.937	1337	1345	1352	rVB	140883	245366	18.35%	0.819%

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0217SBSD01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : SW846 8260

35	10.077	1360	1368	1377	rBV	280708	477373	35.70%	1.594%
36	10.187	1377	1386	1391	rVV	672268	1151823	86.13%	3.846%
37	10.248	1391	1396	1406	rVB	294943	493755	36.92%	1.649%
38	10.473	1425	1433	1436	rBV	125223	211267	15.80%	0.705%
39	10.516	1436	1440	1445	rVV	107927	166228	12.43%	0.555%
40	10.583	1445	1451	1456	rVV3	43334	75890	5.67%	0.253%
41	10.650	1456	1462	1468	rVV	117530	198145	14.82%	0.662%
42	10.723	1468	1474	1480	rVV	190022	306964	22.95%	1.025%
43	10.796	1480	1486	1489	rVV	114353	193905	14.50%	0.647%
44	10.839	1489	1493	1502	rVB	216152	333214	24.92%	1.113%
45	10.937	1502	1509	1514	rBV2	105961	188441	14.09%	0.629%
46	10.992	1514	1518	1524	rVB	79802	128377	9.60%	0.429%
47	11.095	1529	1535	1542	rVB	52665	89666	6.71%	0.299%
48	11.321	1567	1572	1579	rVB2	38021	61991	4.64%	0.207%
49	11.498	1593	1601	1611	rBV2	589946	1337278	100.00%	4.465%
50	11.595	1611	1617	1624	rVV	494751	779510	58.29%	2.603%
51	11.705	1627	1635	1645	rVB	542069	997726	74.61%	3.331%
52	12.040	1682	1690	1699	rBV2	452370	926432	69.28%	3.093%
53	12.144	1701	1707	1713	rVV	132384	192953	14.43%	0.644%
54	12.211	1713	1718	1724	rVB	54990	89431	6.69%	0.299%
55	12.333	1730	1738	1743	rBV	349446	539972	40.38%	1.803%
56	12.382	1743	1746	1752	rVV	71199	105375	7.88%	0.352%
57	12.485	1756	1763	1772	rVB2	500696	811483	60.68%	2.710%
58	12.613	1773	1784	1790	rBV3	258214	670383	50.13%	2.238%
59	12.674	1790	1794	1801	rVB	359038	537205	40.17%	1.794%
60	12.759	1801	1808	1812	rBV	274490	425790	31.84%	1.422%
61	12.814	1812	1817	1821	rVV	355499	554002	41.43%	1.850%
62	12.857	1821	1824	1831	rVB	286077	404727	30.26%	1.351%
63	13.076	1853	1860	1863	rBV	334797	506729	37.89%	1.692%
64	13.119	1863	1867	1874	rVV2	470131	744141	55.65%	2.485%
65	13.253	1883	1889	1900	rVB	329876	507609	37.96%	1.695%
66	13.369	1900	1908	1913	rBV	602068	918105	68.65%	3.066%
67	13.430	1913	1918	1932	rVB2	670162	1318770	98.62%	4.403%
68	13.698	1956	1962	1966	rBV	383422	570742	42.68%	1.906%
69	13.741	1966	1969	1975	rVB	218800	317657	23.75%	1.061%
70	13.960	1999	2005	2019	rVB2	180973	304003	22.73%	1.015%
71	14.363	2063	2071	2076	rVB2	29098	56590	4.23%	0.189%

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Title : SW846 8260

72	14.674	2116	2122	2129	rVB	305603	446259	33.37%	1.490%
73	15.009	2167	2177	2184	rVB	200109	309642	23.15%	1.034%
74	15.113	2188	2194	2203	rVV	170524	263713	19.72%	0.881%
75	15.241	2207	2215	2222	rBV	149465	254669	19.04%	0.850%
76	15.320	2222	2228	2235	rVV2	10961	18817	1.41%	0.063%
77	15.424	2236	2245	2254	rVB	160531	273455	20.45%	0.913%

Sum of corrected areas: 29948964

LSC Report - Integrated Chromatogram

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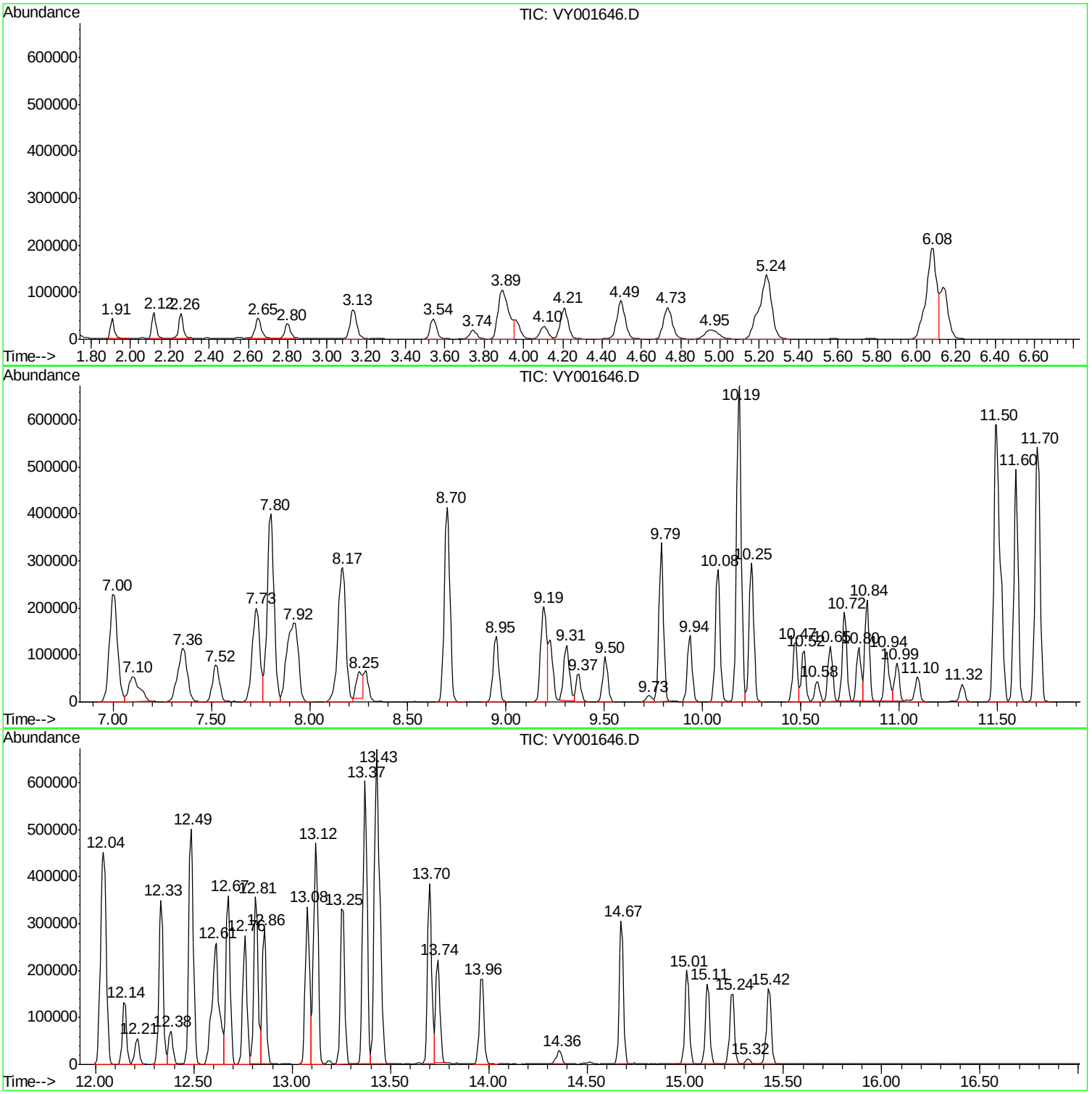
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0217SBSD01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

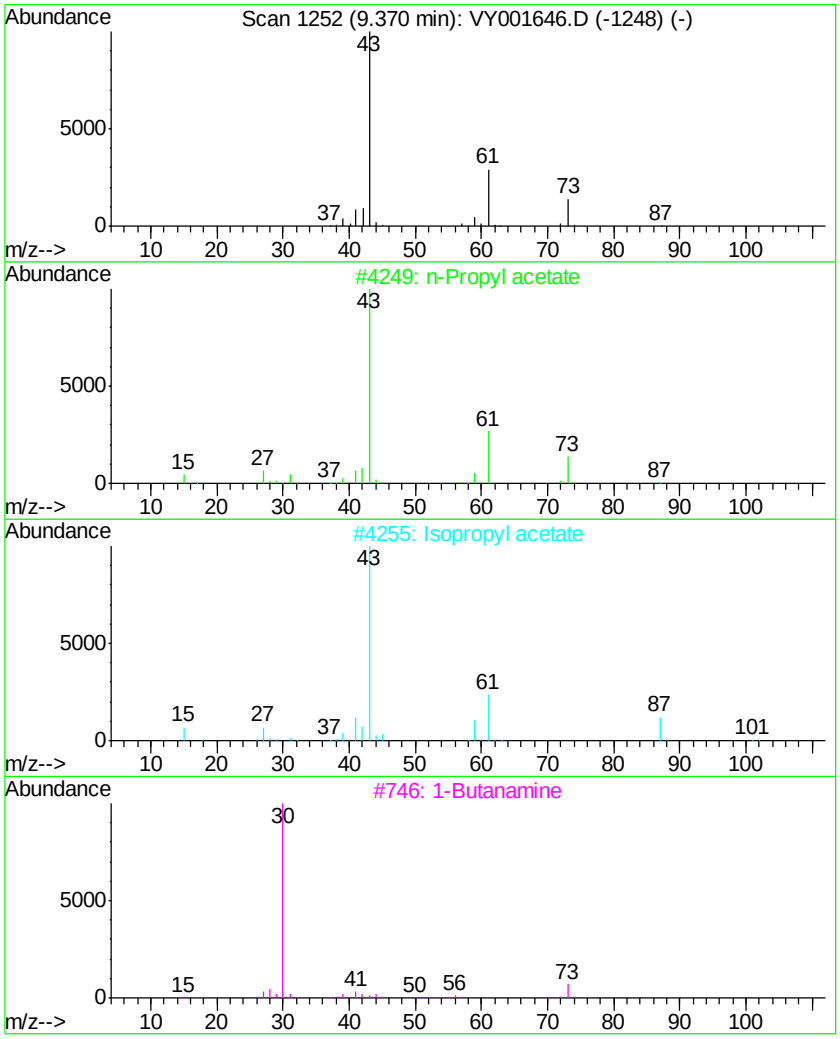
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

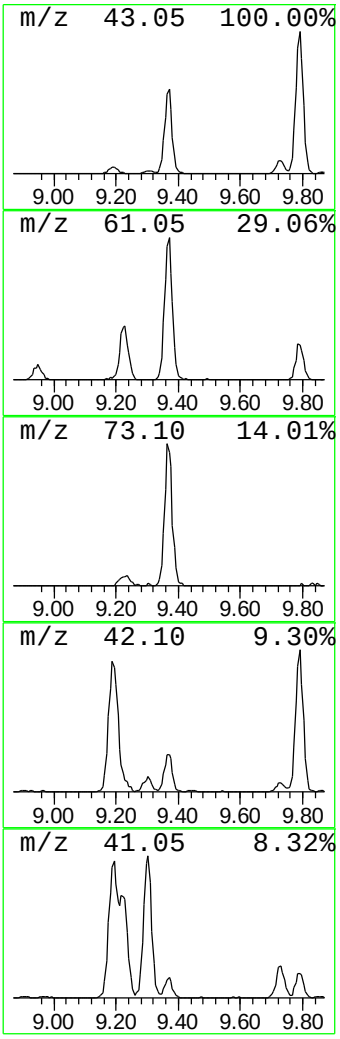
****

Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	6.07 ug/l	98508	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Isopropyl acetate	102	C5H10O2	000108-21-4	36
3	1-Butanamine	73	C4H11N	000109-73-9	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	4





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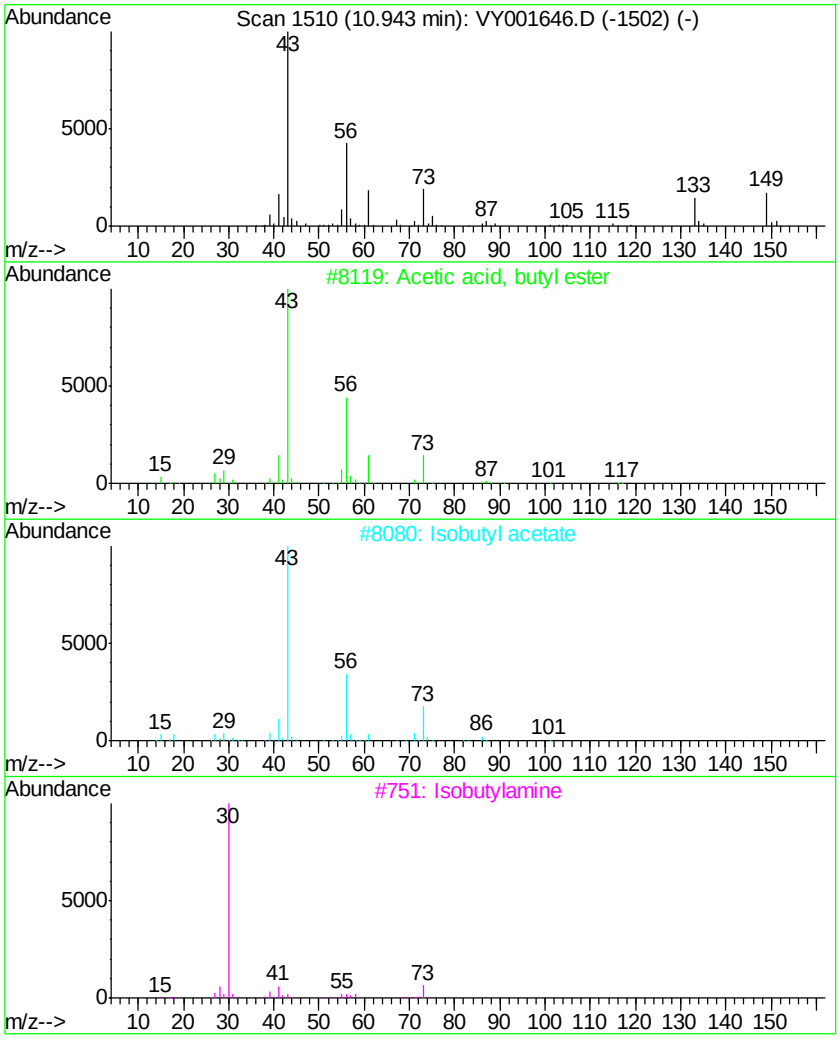
TIC Integration Parameters: LSCINT.P

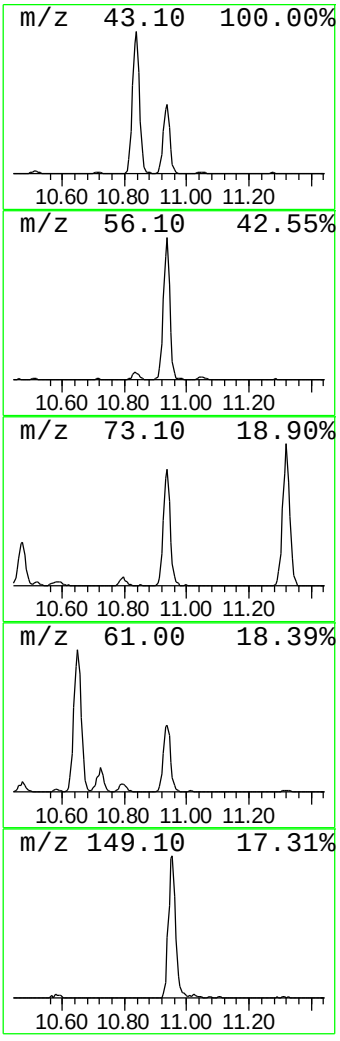
****

Peak Number 2 Acetic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	7.05 ug/l	188441	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
2	Isobutyl acetate	116	C6H12O2	000110-19-0	38
3	Isobutylamine	73	C4H11N	000078-81-9	9
4	Propanedioic acid, dihydroxy-, b...	220	C9H16O6	070841-85-9	9
5	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
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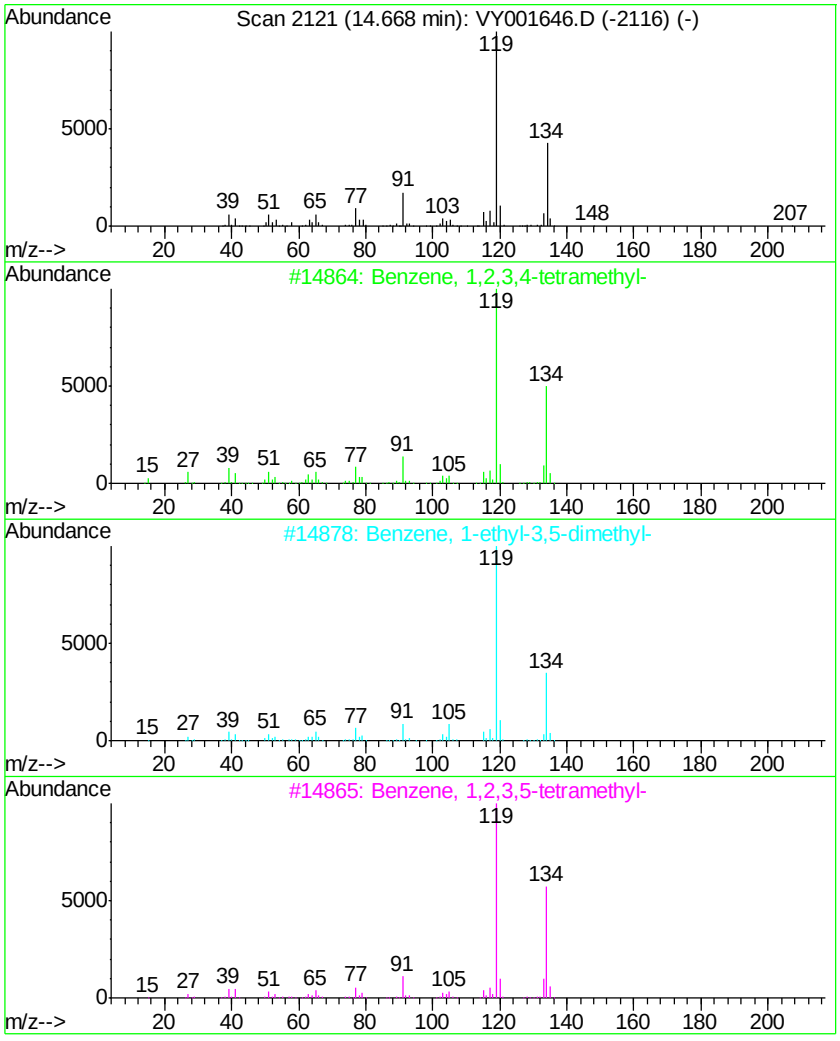
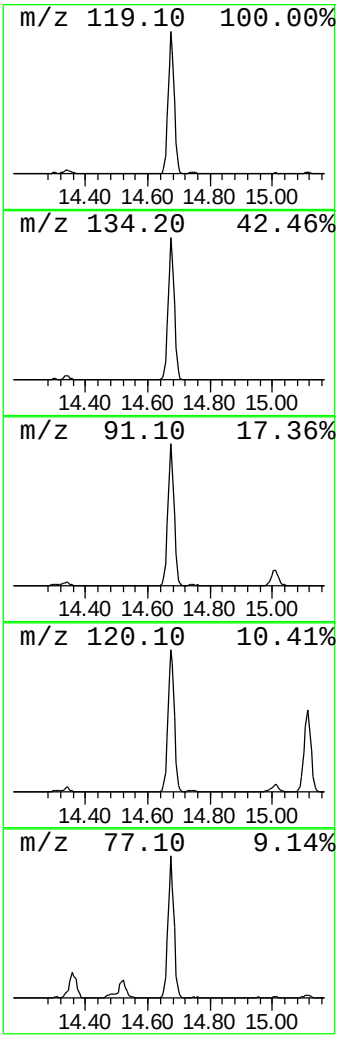
Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	16.92 ug/l	446259	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	9.37	6.1	ug/l	98508	2	8.70	811483	50.0
Acetic acid, buty...	10.94	7.0	ug/l	188441	3	11.49	1337280	50.0
Benzene, 1,2,3,4-...	14.67	16.9	ug/l	446259	4	13.43	1318770	50.0