

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001629.D
 Acq On : 13 Feb 2020 16:29
 Operator : SY/MD
 Sample : L1525-01
 Misc : 7.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1A-(7.5-9.5)

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.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	1.877	18	23	29	rVB	10531	14117	4.17%	0.658%
2	2.085	51	57	62	rBV	5111	7125	2.11%	0.332%
3	2.261	78	86	94	rVB2	13930	23732	7.01%	1.106%
4	2.926	186	195	200	rBV2	7623	17340	5.12%	0.808%
5	3.274	244	252	266	rVB2	6740	16212	4.79%	0.756%
6	4.743	484	493	495	rBV4	2552	5344	1.58%	0.249%
7	5.267	569	579	589	rVB2	3484	10448	3.09%	0.487%
8	7.742	975	985	990	rBV2	39485	92725	27.40%	4.323%
9	7.815	990	997	1005	rVV	97120	225515	66.65%	10.514%
10	7.895	1005	1010	1016	rVB5	1789	4160	1.23%	0.194%
11	8.017	1024	1030	1041	rVB4	3081	7316	2.16%	0.341%
12	8.169	1046	1055	1065	rVB	35717	82024	24.24%	3.824%
13	8.565	1114	1120	1127	rVB6	2570	5179	1.53%	0.241%
14	8.705	1134	1143	1151	rBV	125843	250175	73.94%	11.663%
15	9.199	1214	1224	1229	rBV4	5645	13338	3.94%	0.622%
16	9.248	1229	1232	1241	rVB6	1938	3995	1.18%	0.186%
17	9.772	1314	1318	1323	rBV6	1970	3678	1.09%	0.171%
18	9.833	1323	1328	1332	rVV3	3019	6463	1.91%	0.301%
19	9.967	1341	1350	1353	rBV5	3548	8018	2.37%	0.374%
20	10.004	1353	1356	1361	rVB3	3258	4421	1.31%	0.206%
21	10.193	1379	1387	1396	rBV	194990	338351	100.00%	15.774%
22	10.376	1410	1417	1424	rVB7	2579	7253	2.14%	0.338%
23	10.632	1453	1459	1465	rVB6	1573	3448	1.02%	0.161%
24	10.723	1469	1474	1479	rVB3	3723	5715	1.69%	0.266%
25	10.815	1482	1489	1494	rBV2	7312	12178	3.60%	0.568%
26	10.912	1501	1505	1513	rVB2	2888	5929	1.75%	0.276%
27	11.053	1524	1528	1531	rBV4	3624	5164	1.53%	0.241%
28	11.101	1531	1536	1541	rVB3	12583	21470	6.35%	1.001%
29	11.217	1549	1555	1558	rBV4	5219	8731	2.58%	0.407%
30	11.254	1558	1561	1565	rVV4	3163	5733	1.69%	0.267%
31	11.309	1567	1570	1578	rVB7	4097	8747	2.59%	0.408%
32	11.388	1578	1583	1586	rBV2	3046	5027	1.49%	0.234%
33	11.504	1595	1602	1614	rVB	144311	243799	72.06%	11.366%
34	11.693	1627	1633	1638	rBV7	4192	8074	2.39%	0.376%

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35	11.748	1638	1642	1645	rBV2	5061	7544	2.23%	0.352%
36	12.016	1678	1686	1693	rBV6	8069	20586	6.08%	0.960%
37	12.132	1701	1705	1709	rVB2	10133	13500	3.99%	0.629%
38	12.217	1713	1719	1721	rVV4	7404	13547	4.00%	0.632%
39	12.241	1721	1723	1730	rVB5	8168	15909	4.70%	0.742%
40	12.345	1735	1740	1745	rBV7	2936	5792	1.71%	0.270%
41	12.491	1758	1764	1771	rBV	108793	170421	50.37%	7.945%
42	12.589	1773	1780	1785	rVV7	3582	8151	2.41%	0.380%
43	12.656	1785	1791	1798	rVB3	13087	22999	6.80%	1.072%
44	12.735	1798	1804	1810	rBV10	4028	10092	2.98%	0.470%
45	12.961	1837	1841	1846	rBV6	5012	7990	2.36%	0.372%
46	13.052	1853	1856	1857	rBV2	3854	4008	1.18%	0.187%
47	13.138	1866	1870	1873	rBV6	3169	4683	1.38%	0.218%
48	13.436	1911	1919	1927	rVB	137496	213036	62.96%	9.932%
49	13.540	1932	1936	1939	rBV3	4766	7230	2.14%	0.337%
50	13.577	1939	1942	1947	rVV6	5828	9448	2.79%	0.440%
51	13.644	1951	1953	1957	rVB5	3843	4043	1.19%	0.188%
52	13.705	1957	1963	1966	rBV6	4438	8504	2.51%	0.396%
53	13.753	1967	1971	1977	rVB7	8527	13408	3.96%	0.625%
54	13.979	2006	2008	2014	rVB6	4605	5976	1.77%	0.279%
55	14.089	2022	2026	2032	rBV5	6002	9938	2.94%	0.463%
56	14.211	2043	2046	2052	rBV8	2298	4159	1.23%	0.194%
57	14.265	2052	2055	2060	rVV7	3592	6867	2.03%	0.320%
58	14.314	2060	2063	2071	rVB8	2508	5324	1.57%	0.248%
59	14.393	2071	2076	2077	rBV4	2521	3571	1.06%	0.166%
60	14.424	2077	2081	2088	rVB4	9081	15622	4.62%	0.728%
61	14.491	2088	2092	2096	rBV7	4081	5412	1.60%	0.252%
62	14.631	2112	2115	2120	rVB6	2765	4063	1.20%	0.189%
63	14.692	2120	2125	2130	rBV7	3932	8973	2.65%	0.418%
64	14.747	2130	2134	2140	rVB9	2753	5415	1.60%	0.252%
65	15.064	2182	2186	2193	rVB7	5347	10673	3.15%	0.498%
66	15.143	2193	2199	2206	rVB7	3596	8224	2.43%	0.383%
67	15.625	2273	2278	2282	rBV8	2120	4047	1.20%	0.189%
68	16.503	2414	2422	2427	rBV9	1885	4901	1.45%	0.228%

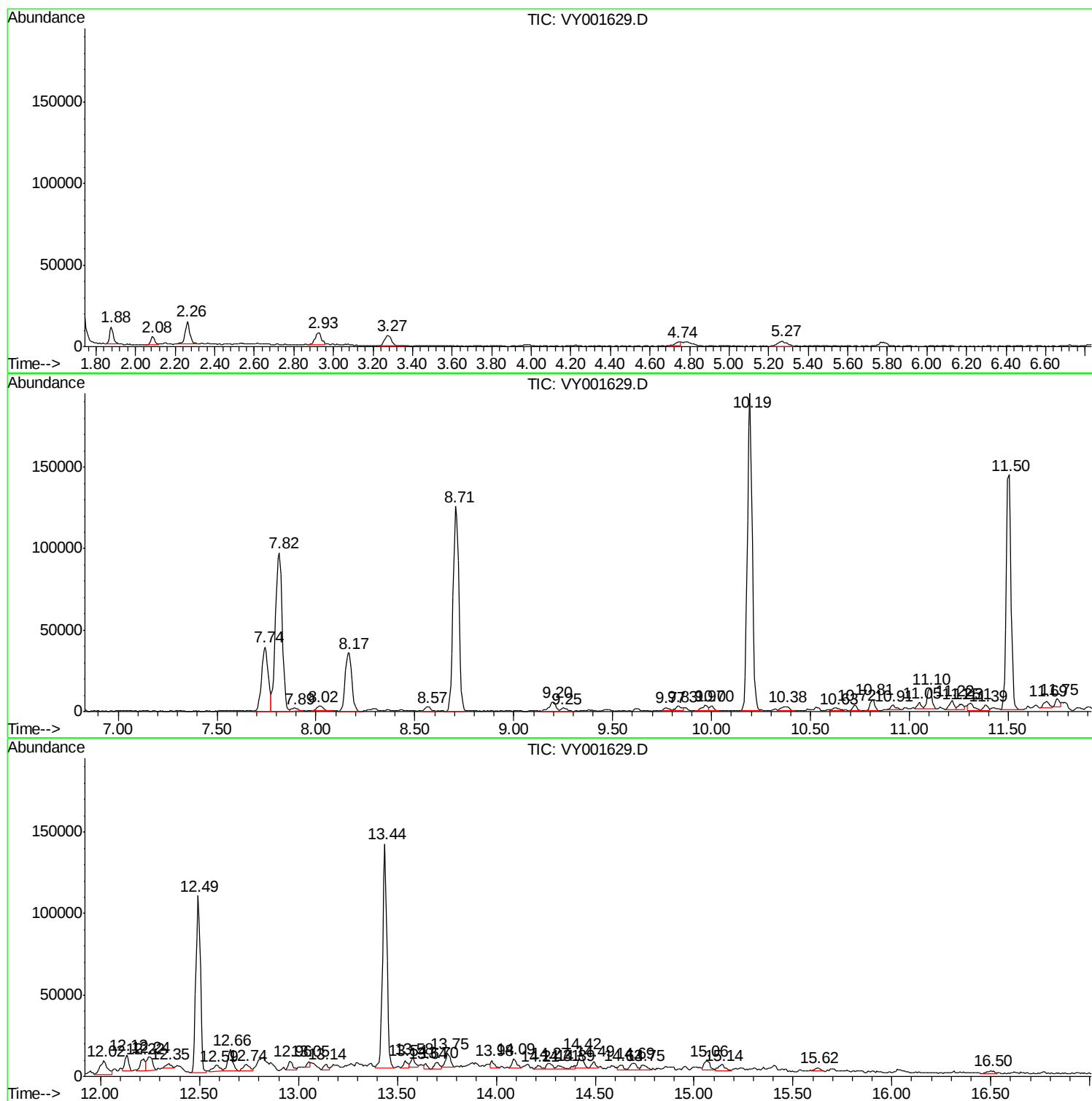
Sum of corrected areas: 2145000

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Quant Title : SW846 8260

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



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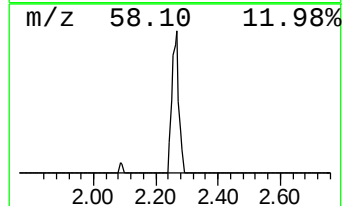
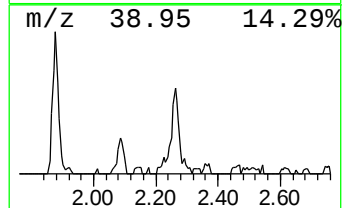
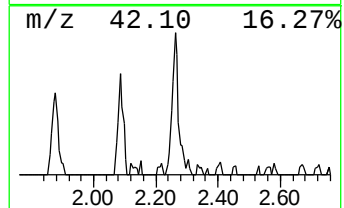
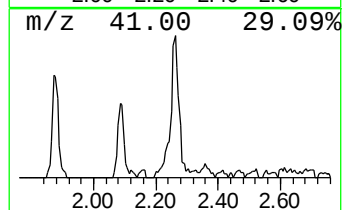
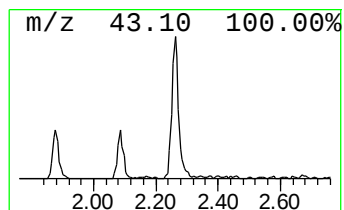
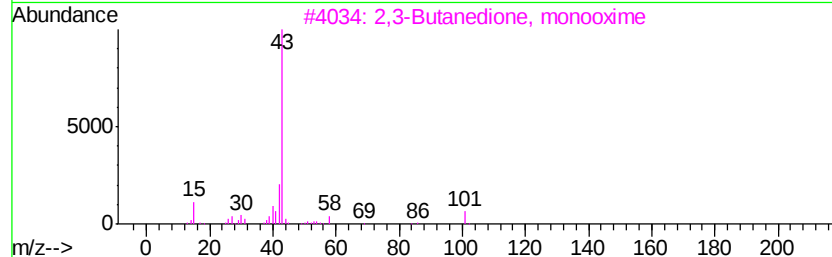
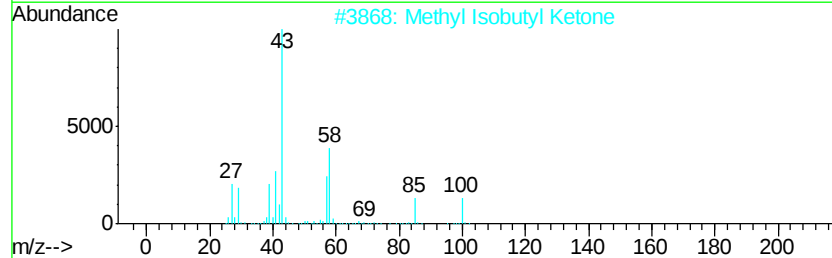
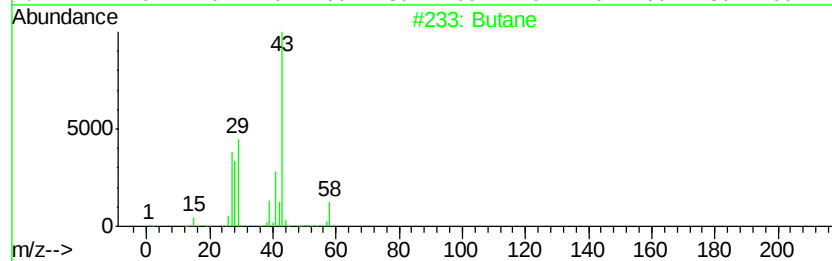
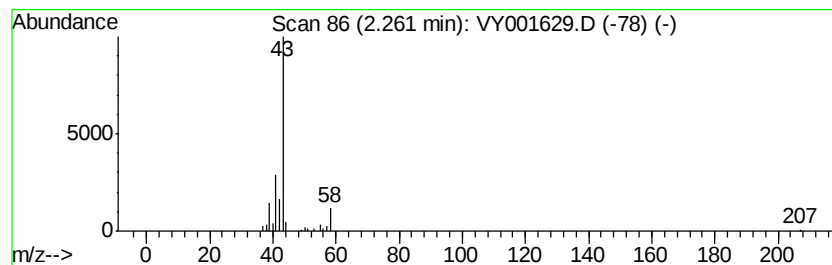
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	5.26 ug/l	23732	Pentafluorobenzene	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane	58	C4H10	000106-97-8	64
2		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	28
3		2,3-Butanedione, monooxime	101	C4H7N02	000057-71-6	9
4		Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	9
5		Diazene, dimethyl-	58	C2H6N2	000503-28-6	4



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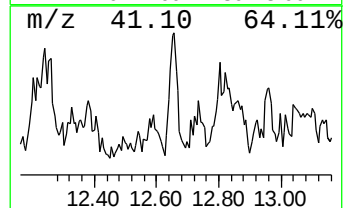
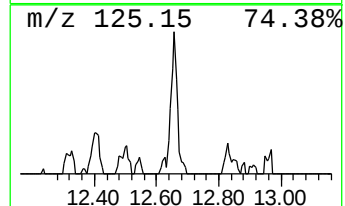
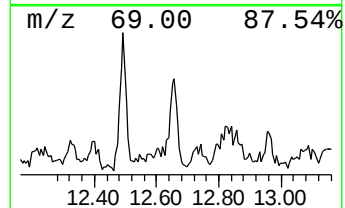
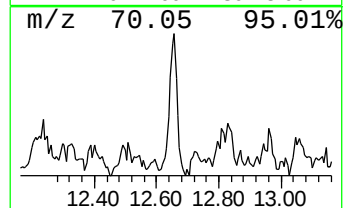
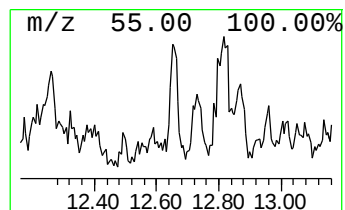
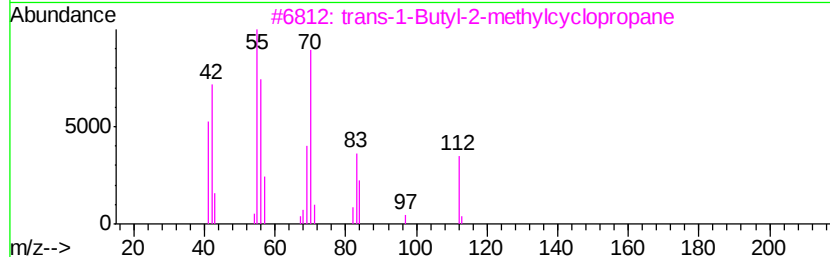
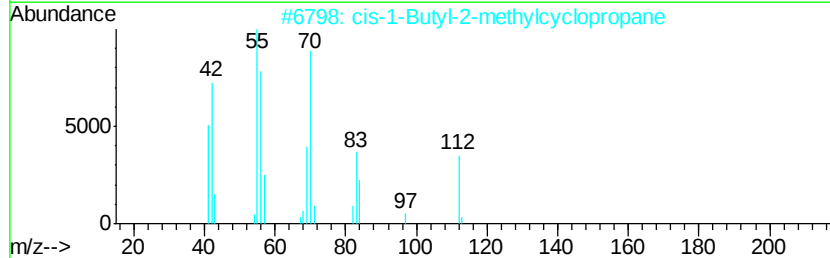
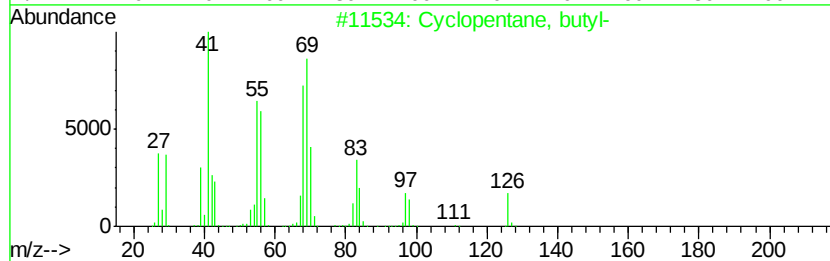
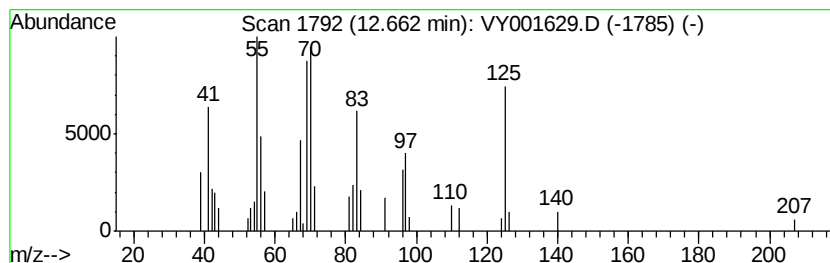
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Peak Number 2 Cyclopentane, butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	5.40 ug/l	22999	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, butyl-	126 C9H18	002040-95-1 50
2		cis-1-Butyl-2-methylcyclopropane	112 C8H16	038851-69-3 38
3		trans-1-Butyl-2-methylcyclopropane	112 C8H16	038851-70-6 38
4		Cyclooctane, 1,4-dimethyl-, cis-	140 C10H20	013151-99-0 35
5		Cyclopentane, 1,2,3-trimethyl-	112 C8H16	002815-57-8 30



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane	2.26	5.3	ug/l	23732	1	7.82	225515	50.0
Cyclopentane, butyl-	12.66	5.4	ug/l	22999	4	13.44	213036	50.0