LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

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\82Y011020S.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	4.724	476	490	516	rVB5	26000	127063	1.91%	0.236%
2	5.255	562	577	596	rBV2	33994	123198	1.85%	0.228%
3	6.700	802	814	829	rBV	177268	565618	8.49%	1.049%
4	6.992	849	862	880	rBV	28302	88889	1.33%	0.165%
5	7.730	970	983	988	rBV	125495	313259	4.70%	0.581%
6	7.803	988	995	1000	rVV	215598	540784	8.12%	1.003%
7	7.882	1000	1008	1020	rVB	805547	2029156	30.45%	3.762%
8	8.010	1020	1029	1036	rBV	114659	268000	4.02%	0.497%
9	8.151	1042	1052	1064	rVB2	132118	322089	4.83%	0.597%
10	8.333	1064	1082	1092	rBV	2635048	6663905	100.00%	12.356%
11	8.425	1092	1097	1107	rVB	59074	135779	2.04%	0.252%
12	8.699	1133	1142	1151	rBV	355197	703164	10.55%	1.304%
13	9.010	1185	1193	1206	rVB	39587	94277	1.41%	0.175%
14	9.193	1206	1223	1227	rBV	549661	1285849	19.30%	2.384%
15	9.248	1227	1232	1239	rVV	611312	1157673	17.37%	2.147%
16	9.327	1239	1245	1250	rVV	132877	280300	4.21%	0.520%
17	9.370	1250	1252	1258	rVV	44780	70174	1.05%	0.130%
18	9.467	1258	1268	1276	rVB2	99172	304161	4.56%	0.564%
19	9.620	1284	1293	1303	rBV	1926304	3681957	55.25%	6.827%
20	9.754	1303	1315	1322	rBV	1920868	4132105	62.01%	7.662%
21	9.821	1322	1326	1329	rVV	114743	208038	3.12%	0.386%
22	9.851	1329	1331	1339	rVB2	128963	212664	3.19%	0.394%
23	9.943	1339	1346	1351	rBV3	212592	570830	8.57%	1.058%
24	9.992	1351	1354	1361	rVB	181444	309216	4.64%	0.573%
25	10.114	1361	1374	1380	rBV	849228	1555892	23.35%	2.885%
26	10.181	1380	1385	1396	rVB	729815	1387843	20.83%	2.573%
27	10.303	1396	1405	1408	rBV2	86870	183050	2.75%	0.339%
28	10.345	1408	1412	1414	rBV2	71960	103984	1.56%	0.193%
29	10.522	1437	1441	1444	rBV2	51283	77593	1.16%	0.144%
30	10.632	1444	1459	1467	rVV6	226679	757198	11.36%	1.404%
31	10.711	1467	1472	1477	rVB	173926	285651	4.29%	0.530%
32	10.803	1477	1487	1492	rBV	166804	315265	4.73%	0.585%
33	10.900	1498	1503	1512	rVV	272633	572656	8.59%	1.062%
34	11.004	1517	1520	1522	rVV2	60113	83511	1.25%	0.155%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

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\82Y011020S.M
Title : SW846 8260

35	11.034	1522	1525	1529	rVV	62614	87312	1.31%	0.162%
36	11.089	1529	1534	1539	rVV2	83935	139438	2.09%	0.259%
37	11.144	1539	1543	1548	rVB4	60069	92676	1.39%	0.172%
38	11.205	1548	1553	1556	rBV2	169402	262482	3.94%	0.487%
39	11.278	1556	1565	1576	rVB5	354252	1084112	16.27%	2.010%
40	11.376	1576	1581	1586	rBV	287648	504123	7.56%	0.935%
41	11.485	1591	1599	1605	rBV2	591708	1140028	17.11%	2.114%
42	11.565	1605	1612	1620	rBV	217520	366944	5.51%	0.680%
43	11.674	1625	1630	1634	rVB4	53979	102577	1.54%	0.190%
44	11.741	1634	1641	1646	rBV2	234374	430330	6.46%	0.798%
45	11.894	1659	1666	1668	rBV4	44878	90304	1.36%	0.167%
46	11.937	1668	1673	1677	rVV3	158053	299917	4.50%	0.556%
47	12.004	1679	1684	1690	rVV3	167204	372324	5.59%	0.690%
48	12.058	1690	1693	1696	rVV	55853	79512	1.19%	0.147%
49	12.119	1696	1703	1707	rVB	141501	253440	3.80%	0.470%
50	12.199	1707	1716	1720	rBV3	120051	257803	3.87%	0.478%
51	12.241	1720	1723	1727	rVB4	48859	76831	1.15%	0.142%
52	12.327	1733	1737	1741	rBV	120442	226713	3.40%	0.420%
53	12.369	1742	1744	1748	rVV3	115348	232865	3.49%	0.432%
54	12.412	1748	1751	1754	rVV	157869	245522	3.68%	0.455%
55	12.473	1754	1761	1766	rVV2	520981	1355520	20.34%	2.513%
56	12.522	1766	1769	1772	rVV	154114	205074	3.08%	0.380%
57	12.564	1772	1776	1781	rVB4	59085	125300	1.88%	0.232%
58	12.625	1781	1786	1788	rBV	98581	158591	2.38%	0.294%
59	12.668	1788	1793	1798	rVB	517124	774702	11.63%	1.436%
60	12.833	1809	1820	1827	rBV7	85797	333686	5.01%	0.619%
61	13.003	1844	1848	1851	rVV2	53036	87265	1.31%	0.162%
62	13.040	1851	1854	1856	rVV2	60159	91013	1.37%	0.169%
63	13.064	1856	1858	1862	rVB	57066	68608	1.03%	0.127%
64	13.168	1871	1875	1880	rBV2	56256	87036	1.31%	0.161%
65	13.235	1880	1886	1892	rBV3	220423	609486	9.15%	1.130%
66	13.363	1903	1907	1910	rVV	56498	89764	1.35%	0.166%
67	13.424	1910	1917	1922	rVV	546465	892935	13.40%	1.656%
68	13.473	1922	1925	1937	rVB3	111816	303880	4.56%	0.563%
69	13.589	1938	1944	1948	rBV	572390	860323	12.91%	1.595%
70	13.625	1948	1950	1954	rVV	166427	231499	3.47%	0.429%
71	13.692	1954	1961	1966	rVB2	256998	591886	8.88%	1.097%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

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\82Y011020S.M
Title : SW846 8260

72	13.753	1966	1971	1976	rBV	136698	212156	3.18%	0.393%
73	13.967	2000	2006	2012	rBV	1365633	2081013	31.23%	3.859%
74	14.028	2012	2016	2019	rVV	82672	125498	1.88%	0.233%
75	14.076	2019	2024	2030	rVB4	417002	699343	10.49%	1.297%
76	14.150	2030	2036	2041	rBV3	116874	214470	3.22%	0.398%
77	14.296	2050	2060	2067	rVB	727516	1313152	19.71%	2.435%
78	14.375	2068	2073	2078	rBV	280345	445038	6.68%	0.825%
79	14.564	2099	2104	2109	rBV	315761	517231	7.76%	0.959%
80	14.613	2109	2112	2116	rVB	155763	205240	3.08%	0.381%
81	14.680	2116	2123	2128	rBV3	620873	1278732	19.19%	2.371%
82	14.735	2128	2132	2138	rVV	301918	471872	7.08%	0.875%
83	14.790	2138	2141	2151	rVB3	39123	77727	1.17%	0.144%
84	14.905	2151	2160	2161	rBV3	90191	146260	2.19%	0.271%
85	14.942	2161	2166	2170	rVV2	444298	776886	11.66%	1.440%
86	14.979	2170	2172	2178	rVV	116793	196974	2.96%	0.365%
87	15.052	2178	2184	2190	rVB2	313283	603167	9.05%	1.118%
88	15.204	2202	2209	2218	rVB6	62970	170558	2.56%	0.316%
89	15.338	2226	2231	2236	rVV	135599	237450	3.56%	0.440%
90	15.393	2236	2240	2254	rVB3	96475	237482	3.56%	0.440%
91	15.521	2255	2261	2267	rBV	153862	288023	4.32%	0.534%
92	15.686	2278	2288	2298	rBV4	85461	294091	4.41%	0.545%
93	15.808	2303	2308	2314	rVV	81727	141483	2.12%	0.262%
94	15.881	2314	2320	2326	rVB3	67912	140945	2.12%	0.261%
95	16.289	2381	2387	2393	rBV	72823	135514	2.03%	0.251%
96	16.484	2411	2419	2432	rVB	89950	199981	3.00%	0.371%

Sum of corrected areas: 53932898

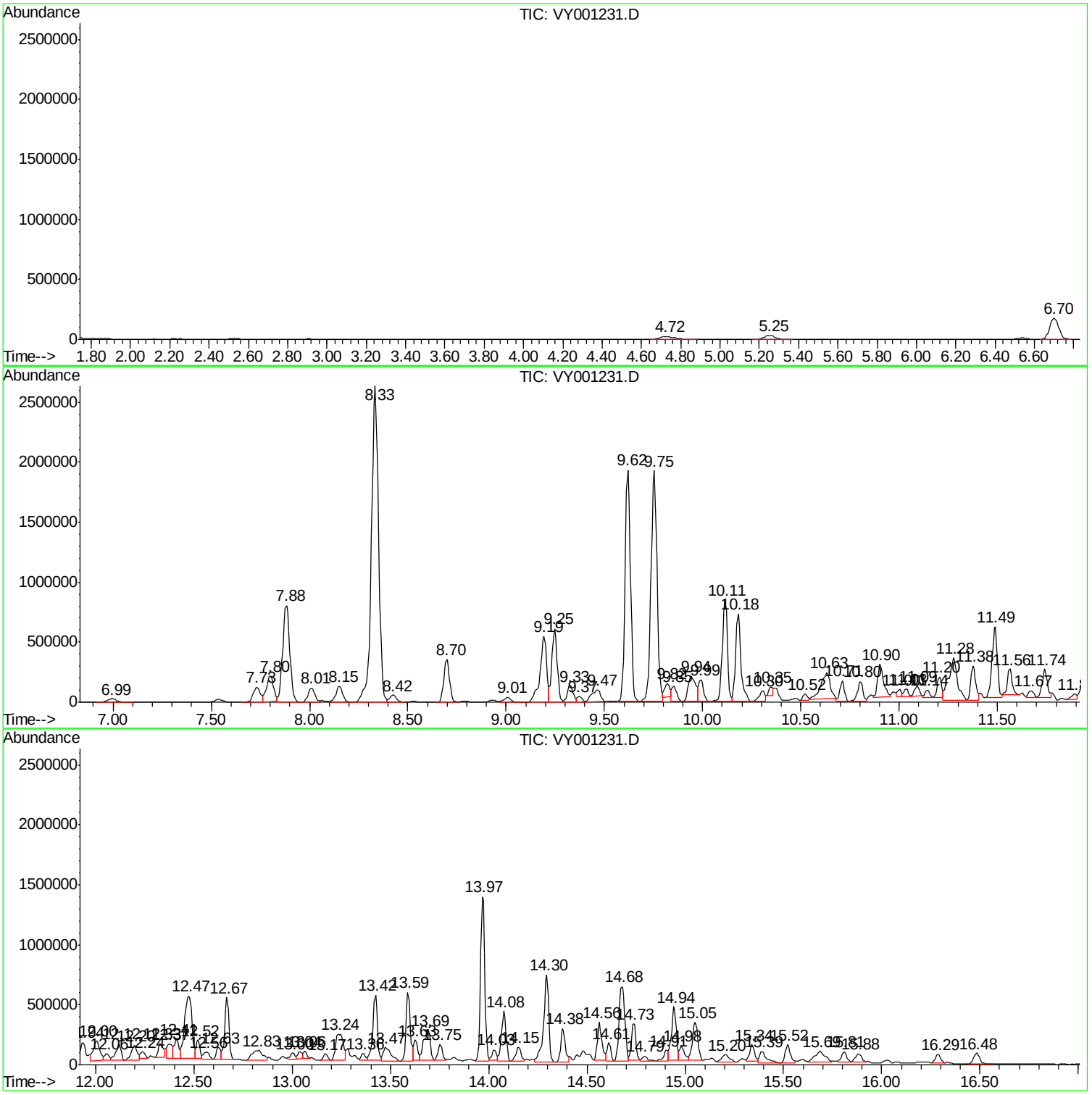
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

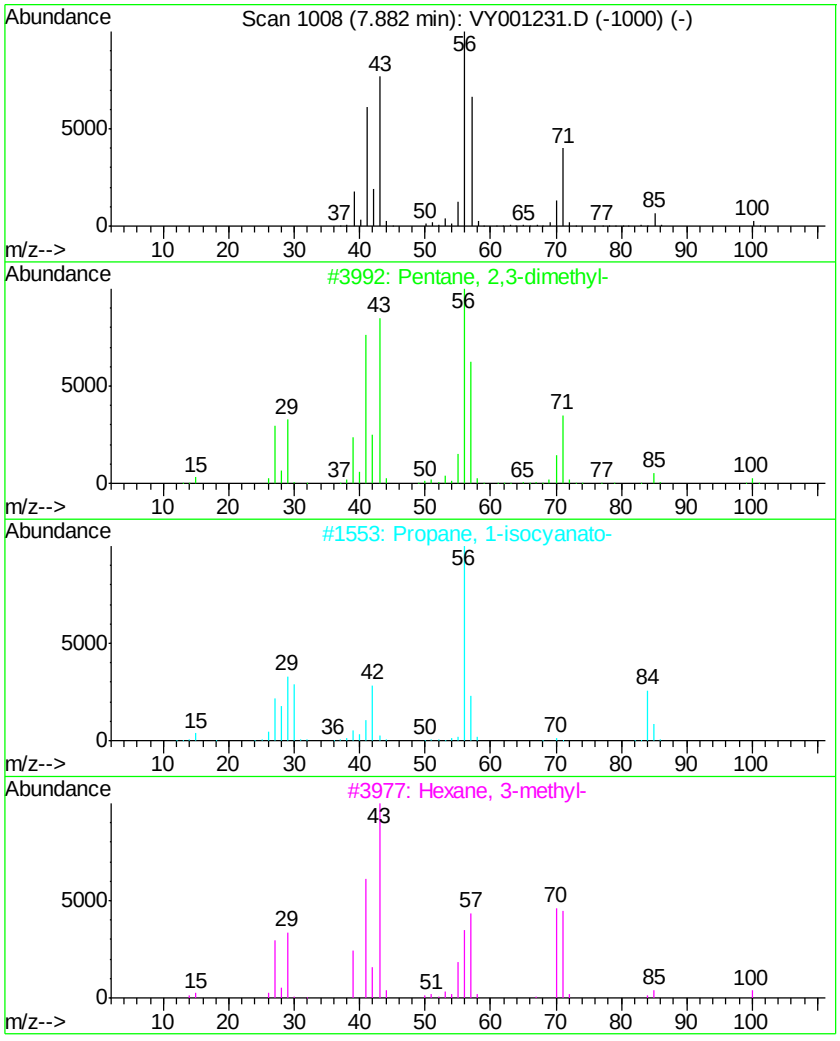
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

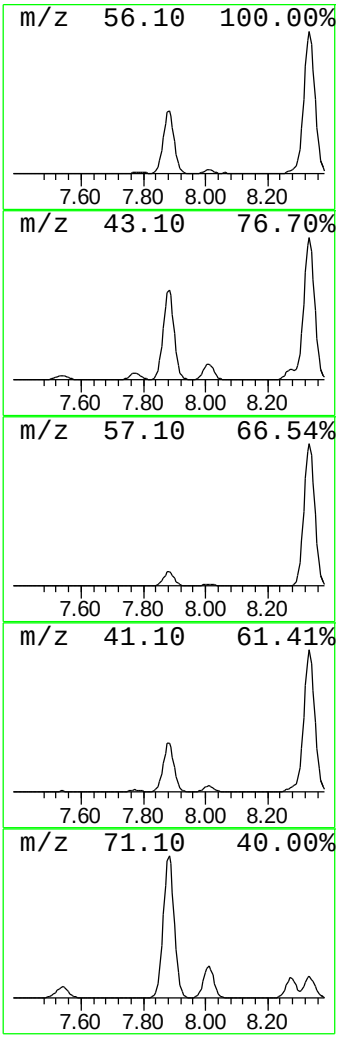
****

Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	187.61 ug/l	2029160	Pentafluorobenzene	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	43
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

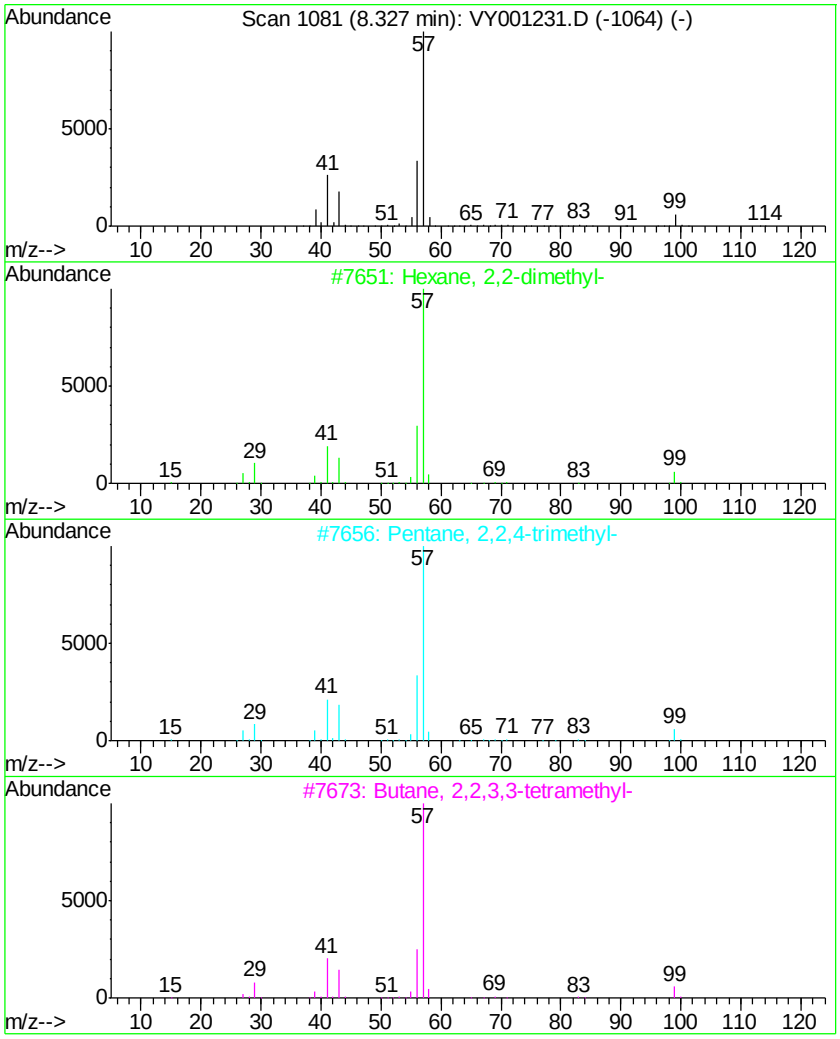
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

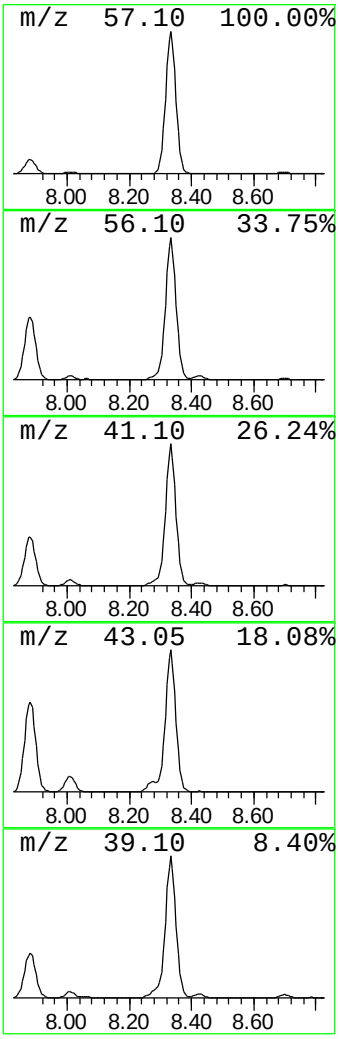
****

Peak Number 2 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	473.85 ug/l	6663910	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	78
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

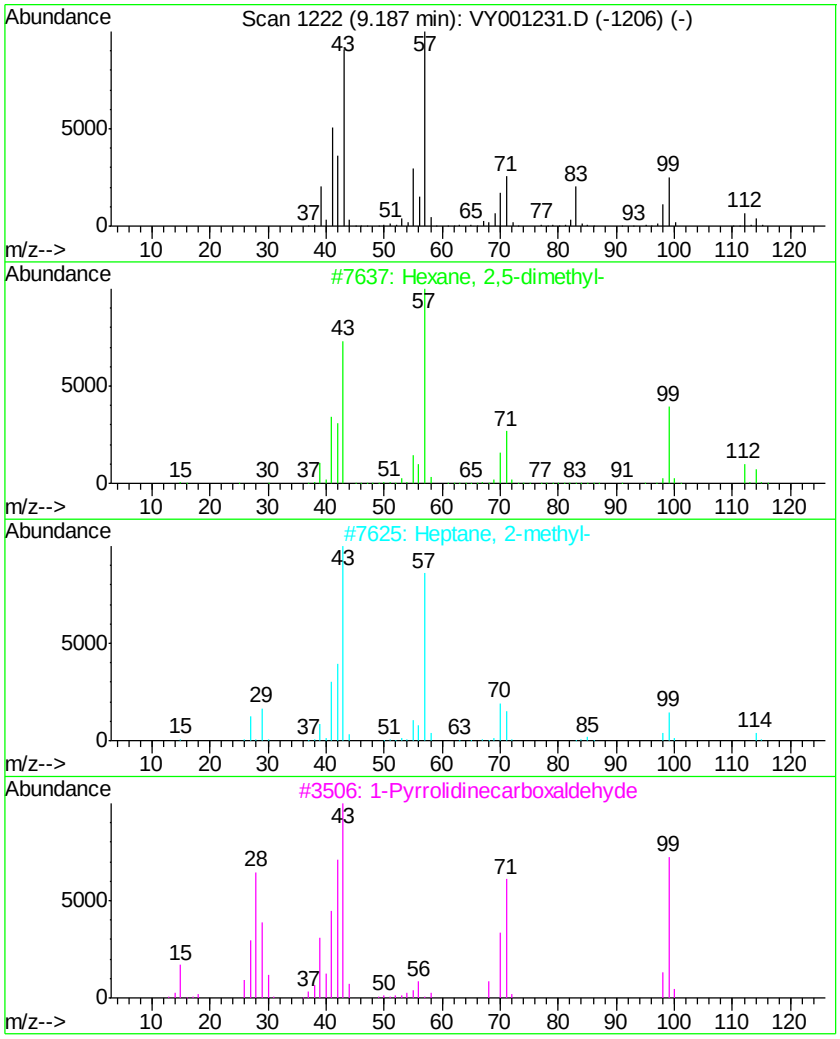
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

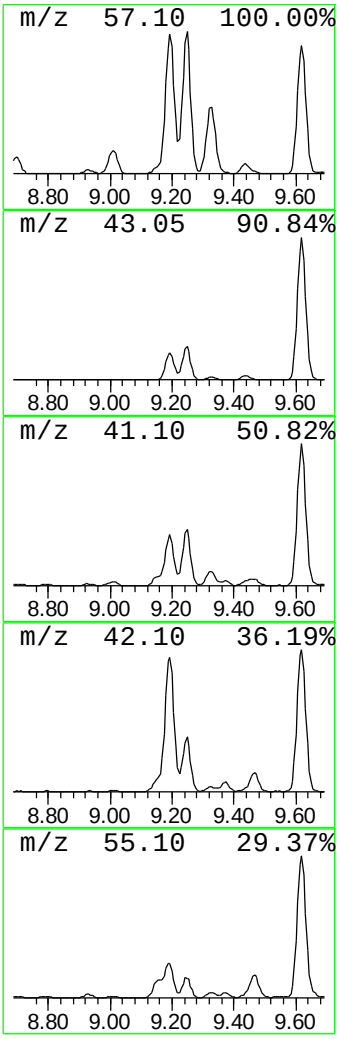
****

Peak Number 3 Hexane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	91.43 ug/l	1285850	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	52
3	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	49
4	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	47
5	2-Piperidinone	99	C5H9NO	000675-20-7	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

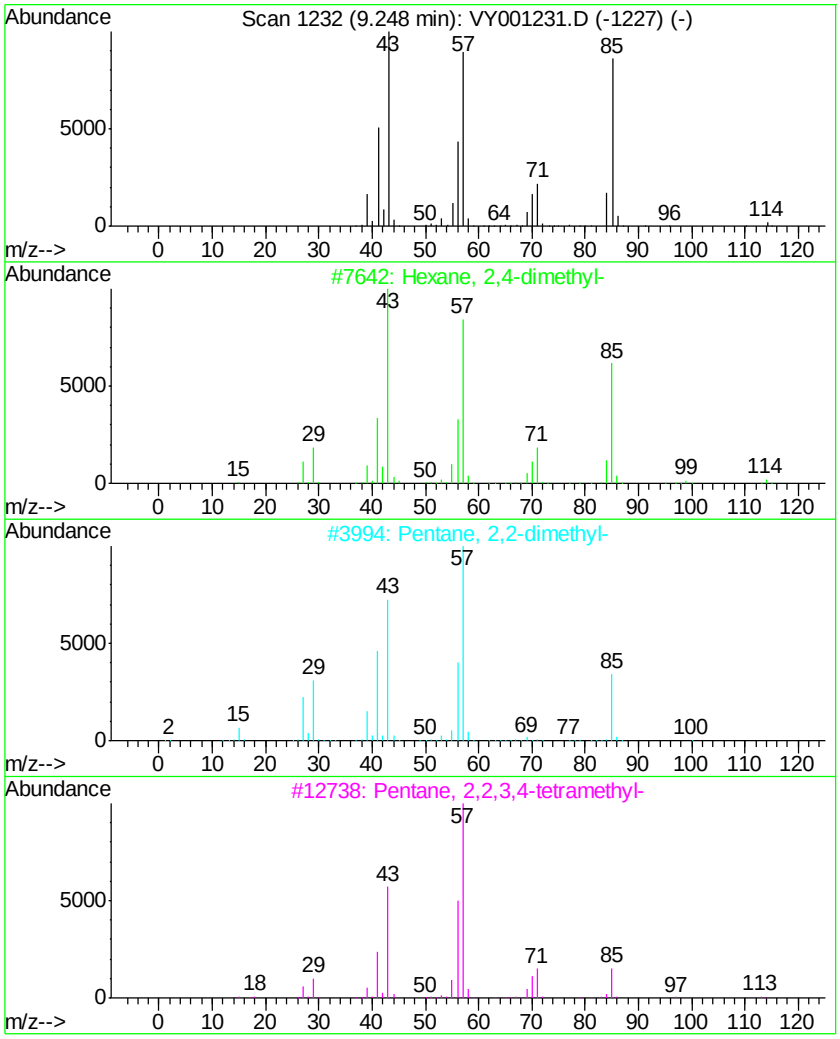
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

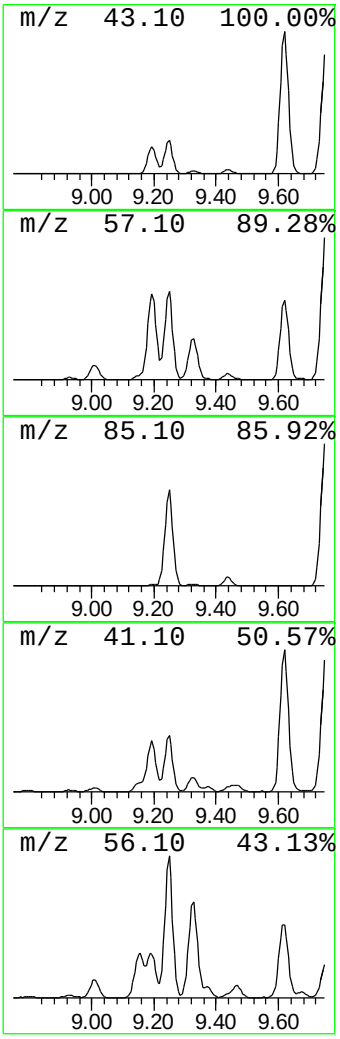
****

Peak Number 4 Hexane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	82.32 ug/l	1157670	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

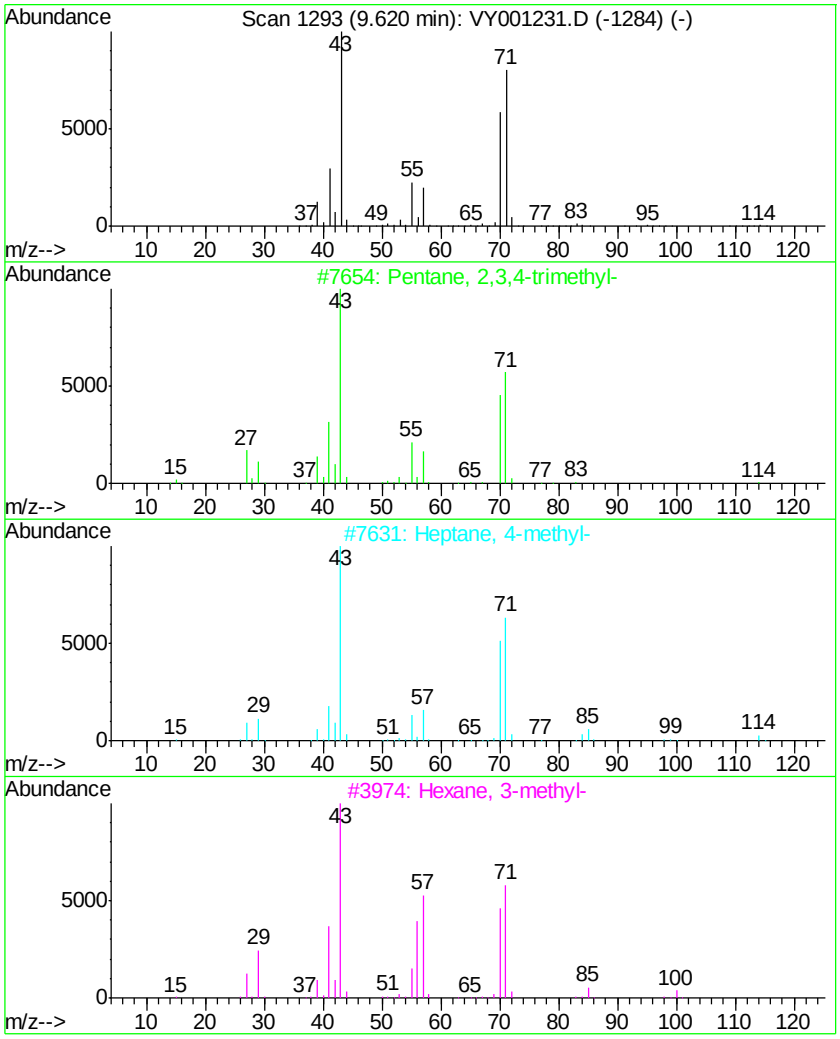
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

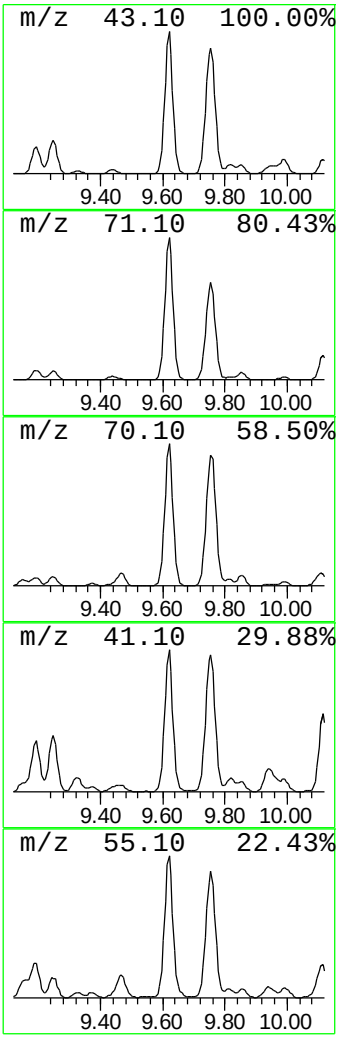
****

Peak Number 5 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	261.81 ug/l	3681960	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

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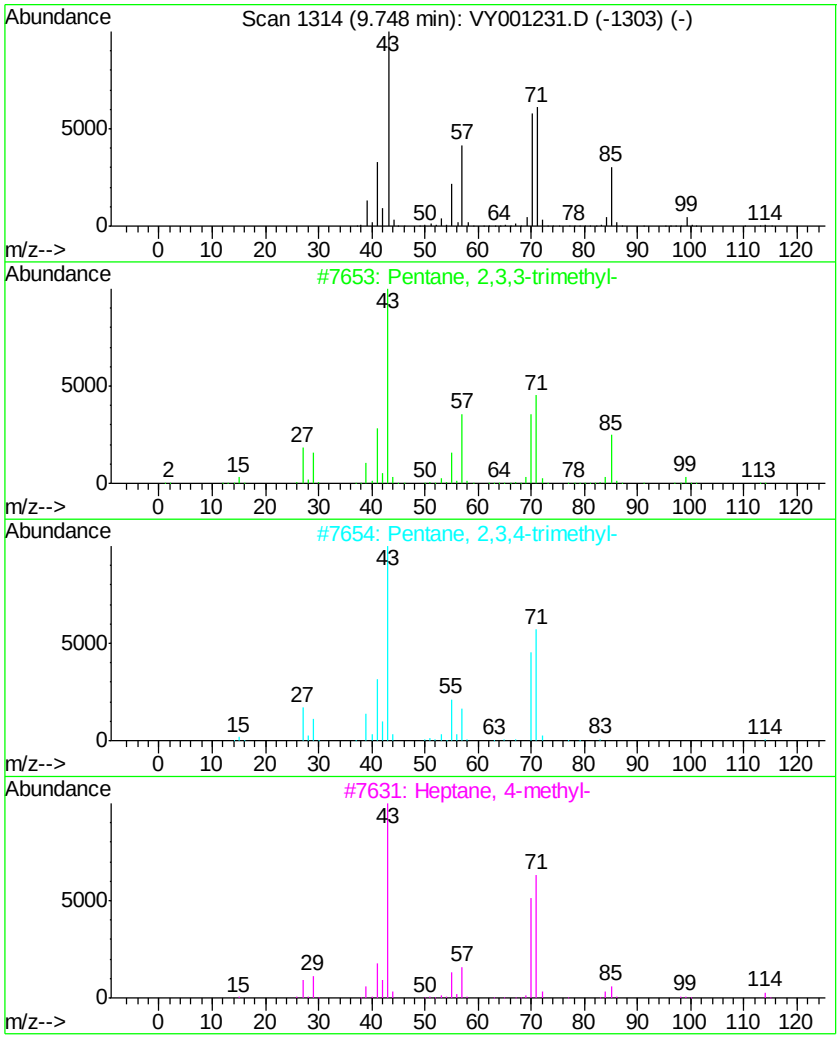
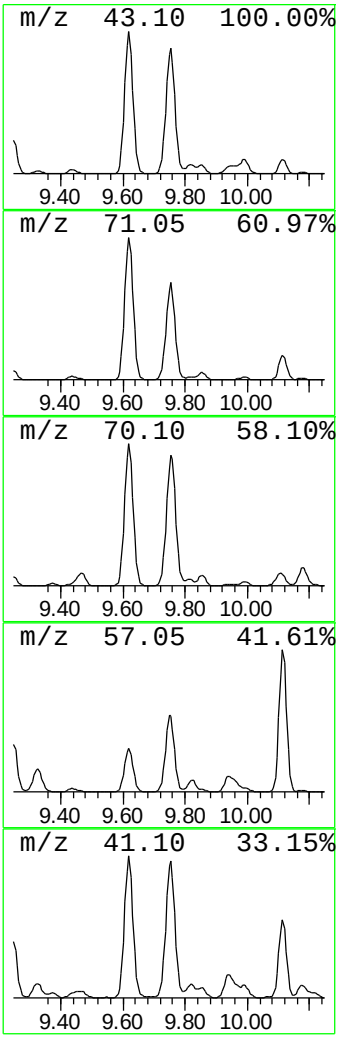
Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	293.82 ug/l	4132110	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	80
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

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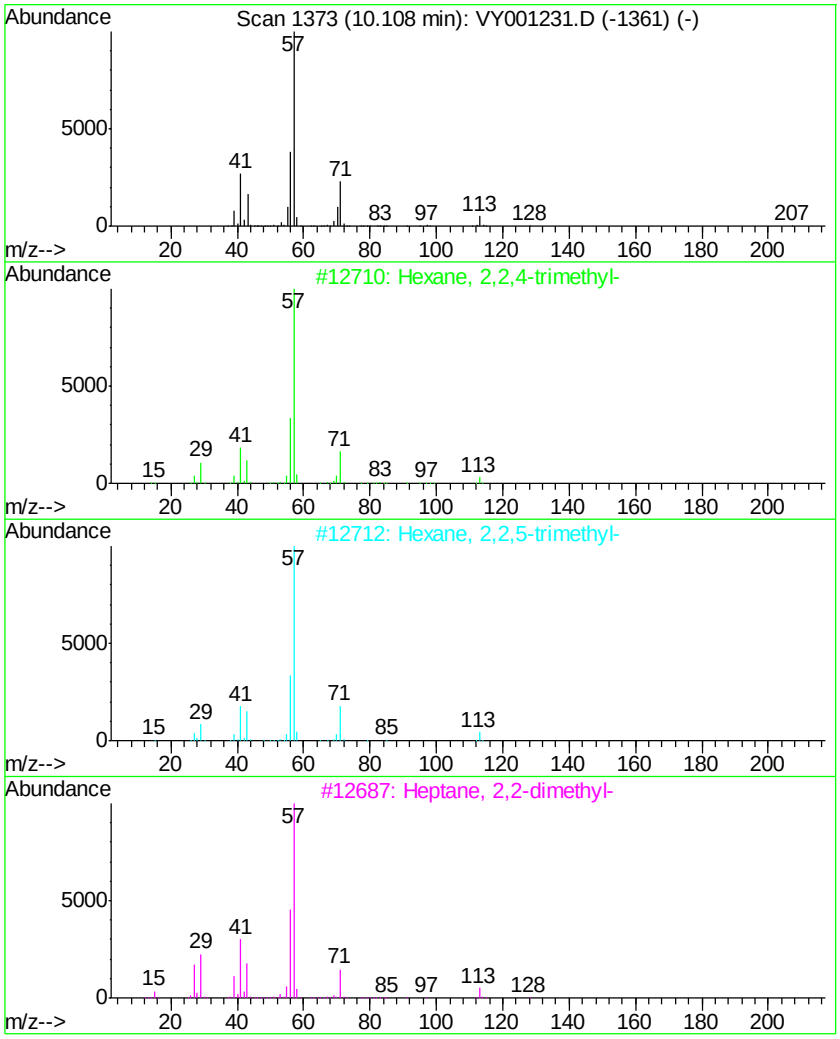
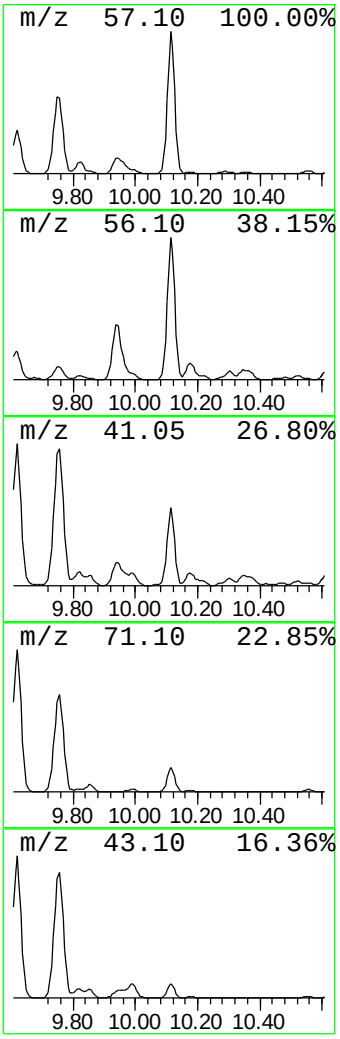
Peak Number 7 Hexane, 2,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	68.24 ug/l	1555890	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

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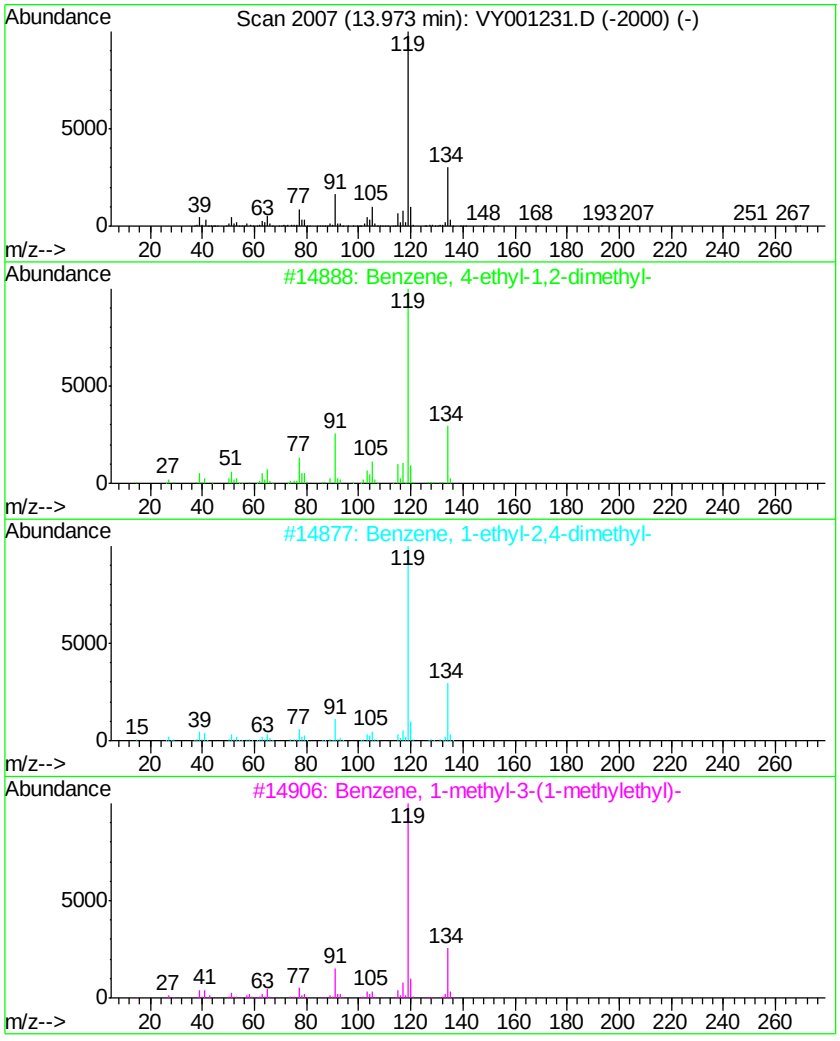
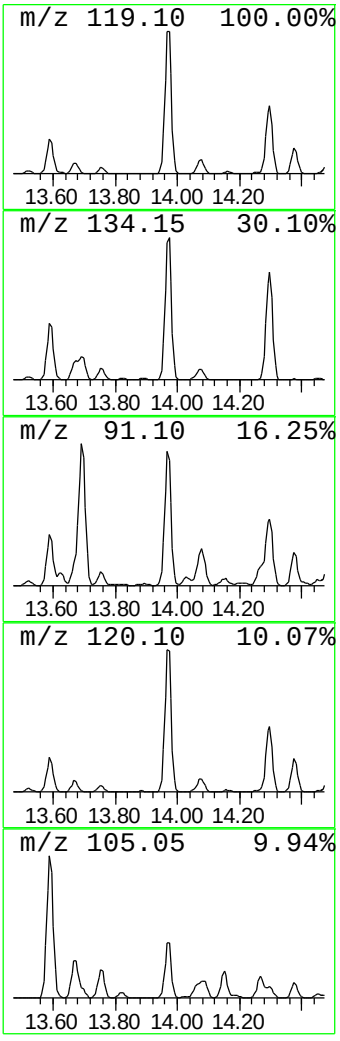
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	116.53 ug/l	2081010	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

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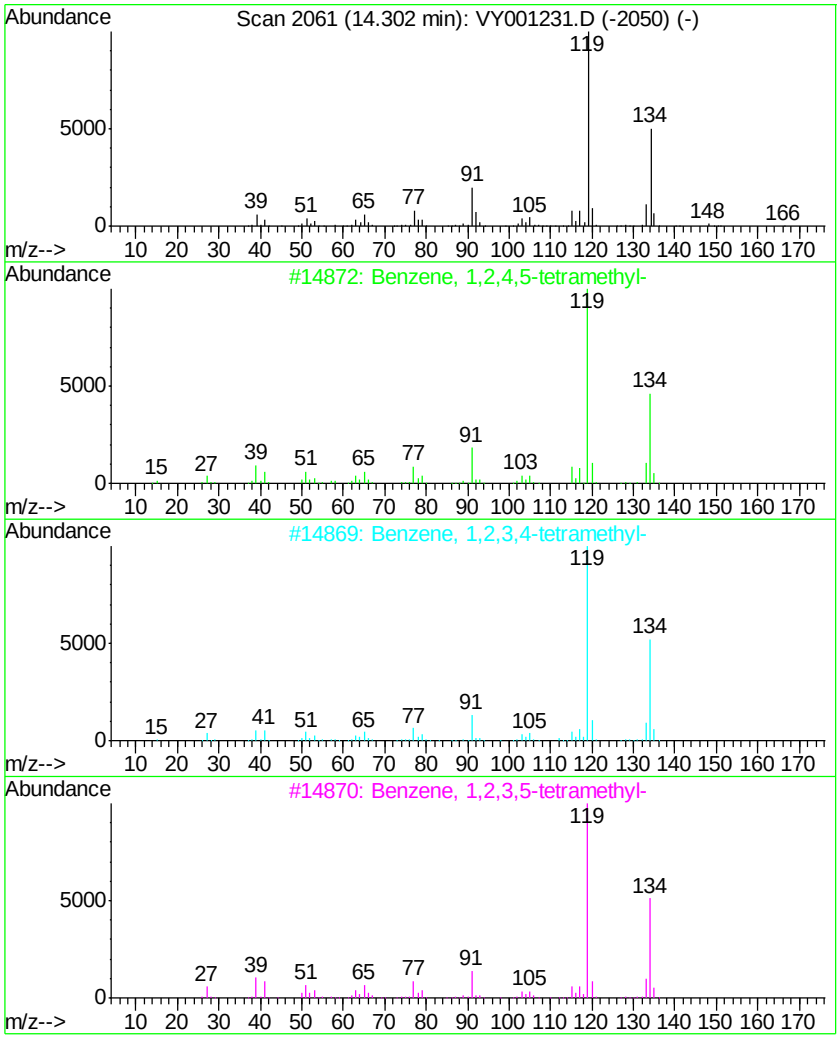
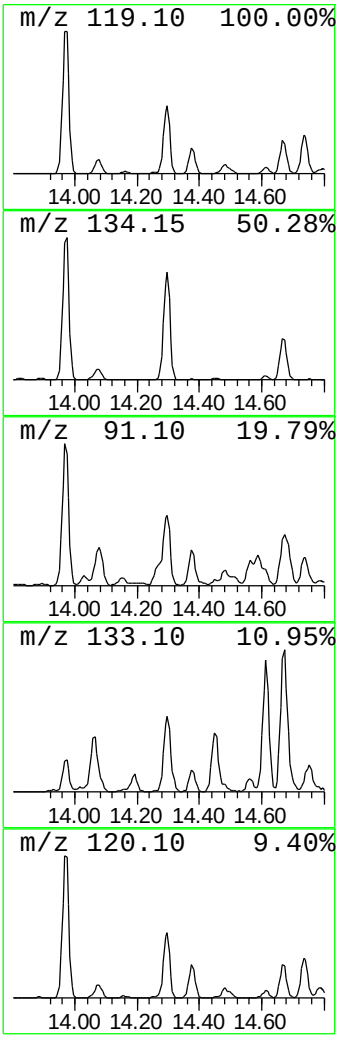
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	73.53 ug/l	1313150	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

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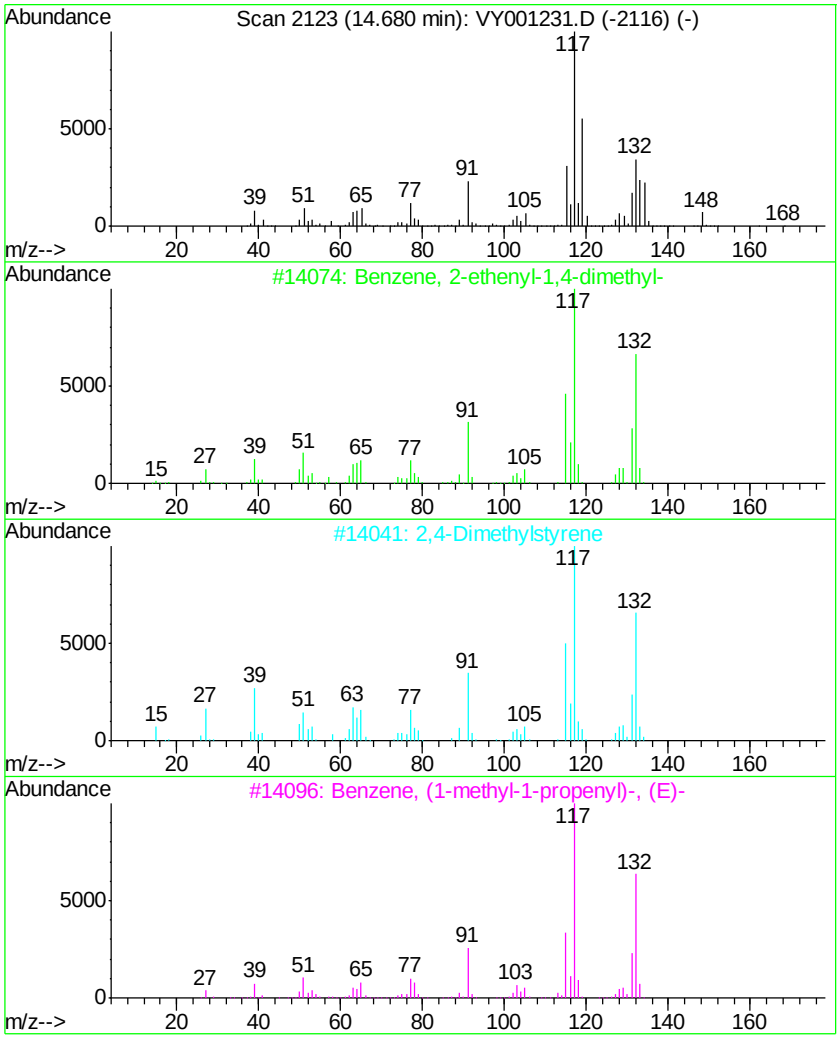
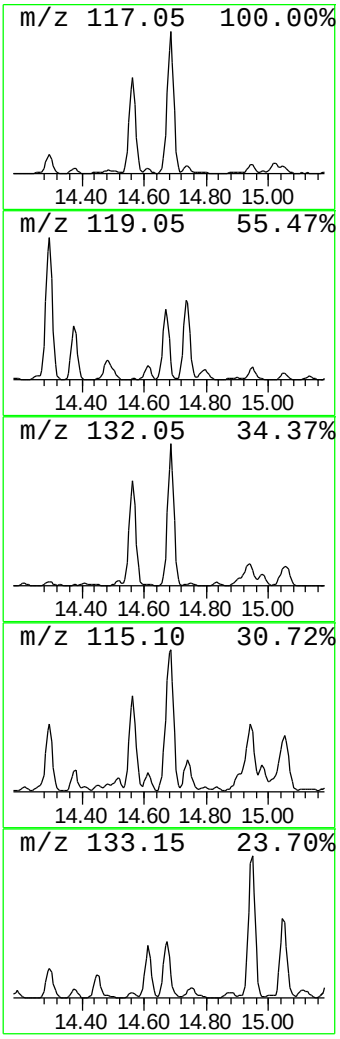
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	71.60 ug/l	1278730	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3-dime...	7.88	187.6	ug/l	2029160	1	7.80	540784	50.0
Hexane, 2,2-dimet...	8.33	473.9	ug/l	6663910	2	8.70	703164	50.0
Hexane, 2,5-dimet...	9.19	91.4	ug/l	1285850	2	8.70	703164	50.0
Hexane, 2,4-dimet...	9.25	82.3	ug/l	1157670	2	8.70	703164	50.0
Pentane, 2,3,4-tr...	9.62	261.8	ug/l	3681960	2	8.70	703164	50.0
Pentane, 2,3,3-tr...	9.75	293.8	ug/l	4132110	2	8.70	703164	50.0
Hexane, 2,2,4-tri...	10.11	68.2	ug/l	1555890	3	11.49	1140030	50.0
Benzene, 4-ethyl-...	13.97	116.5	ug/l	2081010	4	13.42	892935	50.0
Benzene, 1,2,4,5-...	14.30	73.5	ug/l	1313150	4	13.42	892935	50.0
Benzene, 2-etheny...	14.68	71.6	ug/l	1278730	4	13.42	892935	50.0