LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

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\82Y011322S.M
Title : SW846 8260

Signal : TIC: VY007190.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.083	34	43	53	rBV	24637	52215	1.23%	0.118%
2	2.259	62	72	83	rBV	133982	265307	6.24%	0.601%
3	2.912	166	179	209	rBV	1072218	2776393	65.34%	6.286%
4	3.253	226	235	251	rBV	166529	420624	9.90%	0.952%
5	3.698	299	308	322	rVB2	28723	77411	1.82%	0.175%
6	3.942	335	348	374	rVB3	44277	161461	3.80%	0.366%
7	4.765	461	483	522	rVB	478500	2688703	63.28%	6.087%
8	5.240	545	561	586	rBV	317614	1190118	28.01%	2.694%
9	5.558	603	613	628	rVB3	21380	75249	1.77%	0.170%
10	5.747	630	644	663	rBV2	86931	271239	6.38%	0.614%
11	6.100	683	702	714	rBV	81158	254543	5.99%	0.576%
12	6.246	714	726	734	rBV3	44644	141928	3.34%	0.321%
13	6.539	763	774	787	rBV3	67399	212946	5.01%	0.482%
14	6.691	787	799	807	rBV	209528	668613	15.74%	1.514%
15	6.795	807	816	827	rVB	469611	1385357	32.61%	3.136%
16	6.984	839	847	867	rVB3	12629	46123	1.09%	0.104%
17	7.466	917	926	929	rBV4	17375	42777	1.01%	0.097%
18	7.527	929	936	946	rVB	94038	249701	5.88%	0.565%
19	7.722	957	968	969	rBV	97824	190271	4.48%	0.431%
20	7.777	970	977	986	rVV5	410654	1401419	32.98%	3.173%
21	7.874	986	993	1005	rVB	521781	1370674	32.26%	3.103%
22	8.002	1005	1014	1030	rVB	397796	950614	22.37%	2.152%
23	8.149	1030	1038	1051	rBV2	99956	245511	5.78%	0.556%
24	8.325	1051	1067	1078	rBV	1039102	3356593	79.00%	7.599%
25	8.417	1078	1082	1093	rVB	104272	256104	6.03%	0.580%
26	8.545	1093	1103	1115	rVB2	82563	211348	4.97%	0.478%
27	8.691	1116	1127	1139	rBV2	398604	949859	22.36%	2.151%
28	8.850	1148	1153	1159	rVB	34817	62729	1.48%	0.142%
29	8.929	1159	1166	1169	rBV	29589	60485	1.42%	0.137%
30	8.972	1169	1173	1193	rVB3	43267	111329	2.62%	0.252%
31	9.185	1193	1208	1214	rBV3	486190	1301365	30.63%	2.946%
32	9.246	1214	1218	1225	rVB	205419	371171	8.74%	0.840%
33	9.325	1225	1231	1234	rBV	54278	106252	2.50%	0.241%
34	9.368	1234	1238	1245	rVB	103702	194920	4.59%	0.441%
35	9.465	1245	1254	1260	rBV3	48755	120547	2.84%	0.273%
36	9.618	1272	1279	1288	rVV	600462	1219688	28.71%	2.761%

LSC Area Percent Report

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Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

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\82Y011322S.M
Title : SW846 8260

37	9.752	1288	1301	1308	rVV2	755731	1825256	42.96%	4.132%
38	9.819	1308	1312	1315	rVV	103878	192517	4.53%	0.436%
39	9.856	1315	1318	1325	rVB2	86951	151112	3.56%	0.342%
40	9.959	1325	1335	1346	rBV	191452	501124	11.79%	1.135%
41	10.057	1346	1351	1355	rBV	56942	103027	2.42%	0.233%
42	10.112	1355	1360	1365	rVV2	174842	312199	7.35%	0.707%
43	10.179	1365	1371	1386	rVV	479799	933225	21.96%	2.113%
44	10.301	1386	1391	1395	rVV3	45966	88281	2.08%	0.200%
45	10.368	1395	1402	1409	rVB3	101759	258917	6.09%	0.586%
46	10.526	1423	1428	1431	rBV2	29402	50083	1.18%	0.113%
47	10.618	1436	1443	1453	rVV5	88782	242947	5.72%	0.550%
48	10.709	1453	1458	1464	rVB3	33231	63076	1.48%	0.143%
49	10.807	1464	1474	1478	rBV3	24748	54574	1.28%	0.124%
50	10.904	1486	1490	1496	rVV	38158	83077	1.96%	0.188%
51	11.002	1503	1506	1509	rVV2	34281	56306	1.33%	0.127%
52	11.038	1509	1512	1516	rVV	39051	60295	1.42%	0.137%
53	11.282	1543	1552	1563	rVB4	68151	199868	4.70%	0.453%
54	11.380	1563	1568	1578	rBV	58885	127537	3.00%	0.289%
55	11.489	1579	1586	1593	rBV	386720	654282	15.40%	1.481%
56	11.593	1595	1603	1612	rVB	2733894	4248837	100.00%	9.619%
57	11.709	1612	1622	1632	rBV	155319	317433	7.47%	0.719%
58	12.008	1664	1671	1673	rBV3	21312	46189	1.09%	0.105%
59	12.331	1719	1724	1731	rBV	212189	341948	8.05%	0.774%
60	12.489	1741	1750	1759	rVB3	573458	1041887	24.52%	2.359%
61	12.672	1768	1780	1786	rBV	604360	921451	21.69%	2.086%
62	12.770	1792	1796	1800	rBV	65359	94365	2.22%	0.214%
63	12.812	1800	1803	1809	rVB2	37377	56754	1.34%	0.128%
64	12.977	1822	1830	1837	rBV	293344	485508	11.43%	1.099%
65	13.123	1848	1854	1860	rVB	177630	263698	6.21%	0.597%
66	13.251	1867	1875	1883	rBV2	75022	201287	4.74%	0.456%
67	13.428	1898	1904	1907	rVV	369215	593871	13.98%	1.345%
68	13.459	1907	1909	1914	rVB	203672	257433	6.06%	0.583%
69	13.593	1926	1931	1934	rBV	279381	462944	10.90%	1.048%
70	13.629	1934	1937	1942	rVV	770533	1125905	26.50%	2.549%
71	13.678	1942	1945	1953	rVB2	181089	356220	8.38%	0.806%
72	13.757	1953	1958	1963	rBV2	45110	69239	1.63%	0.157%
73	13.824	1963	1969	1975	rVB	133205	202352	4.76%	0.458%
74	13.897	1975	1981	1988	rBV3	113015	243585	5.73%	0.551%
75	13.977	1988	1994	1999	rVB	506880	758426	17.85%	1.717%
76	14.038	1999	2004	2007	rBV	39608	60480	1.42%	0.137%

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ClientSampleId :
A3-1-5.5

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
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Title : SW846 8260

77	14.080	2007	2011	2017	rVB	159145	257998	6.07%	0.584%
78	14.160	2017	2024	2029	rBV3	46200	79119	1.86%	0.179%
79	14.215	2029	2033	2038	rVB	66832	98727	2.32%	0.224%
80	14.300	2038	2047	2051	rBV	187749	315921	7.44%	0.715%
81	14.336	2051	2053	2057	rVV	78436	94295	2.22%	0.213%
82	14.379	2057	2060	2064	rVB2	33738	44558	1.05%	0.101%
83	14.568	2086	2091	2096	rBV	134092	218628	5.15%	0.495%
84	14.617	2096	2099	2103	rVB	35753	47307	1.11%	0.107%
85	14.684	2103	2110	2116	rBV4	219799	466175	10.97%	1.055%
86	14.745	2116	2120	2126	rVB2	39605	65845	1.55%	0.149%
87	14.836	2131	2135	2140	rVB	34995	47978	1.13%	0.109%
88	14.946	2148	2153	2165	rVB2	55232	133129	3.13%	0.301%
89	15.056	2165	2171	2178	rVB3	38442	76474	1.80%	0.173%
90	15.239	2189	2201	2208	rBV	273055	452552	10.65%	1.025%
91	16.299	2368	2375	2387	rVB	58153	118656	2.79%	0.269%
92	16.488	2400	2406	2417	rVB2	38645	82625	1.94%	0.187%

Sum of corrected areas: 44169089

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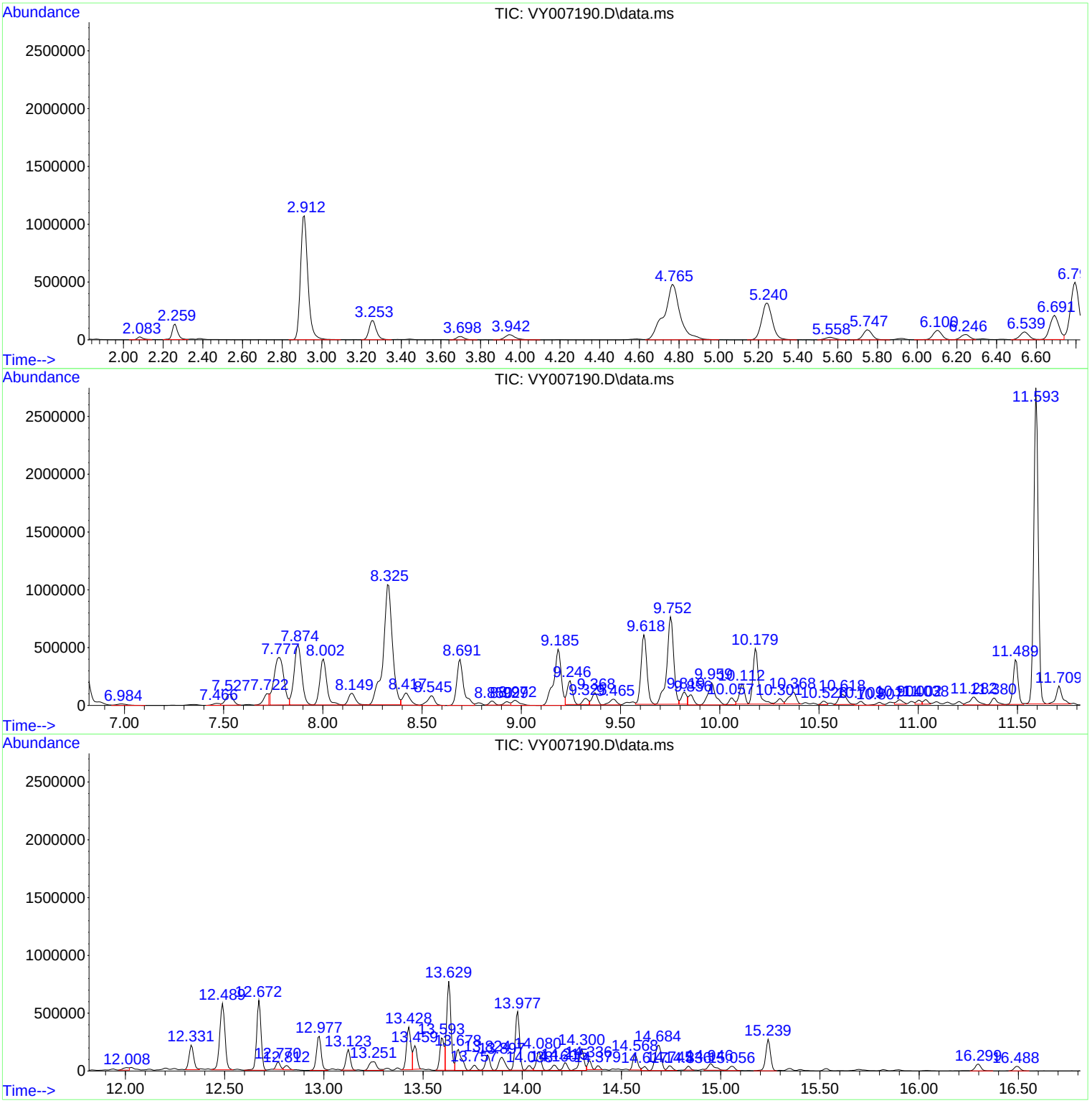
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
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Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

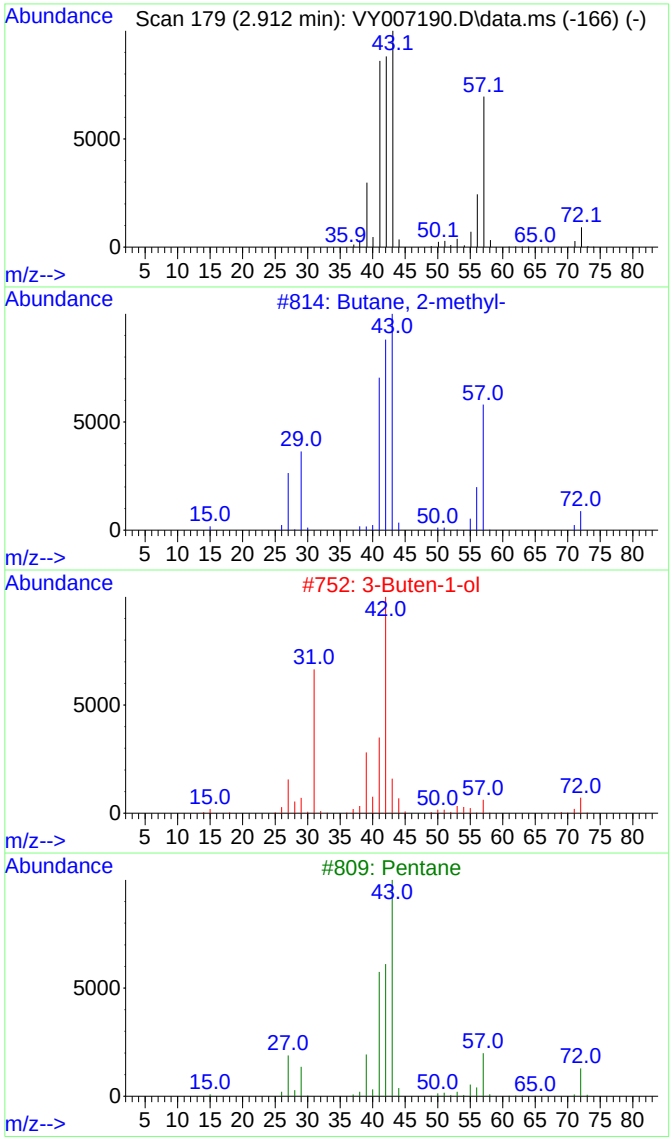
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

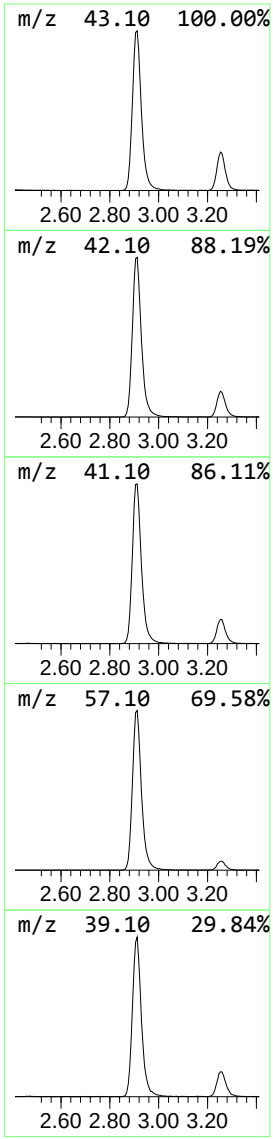
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.912	99.06 ug/l	2776390	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	33
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
5	1-Butene	56	C4H8	000106-98-9	9





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Data File : VY007190.D
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Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

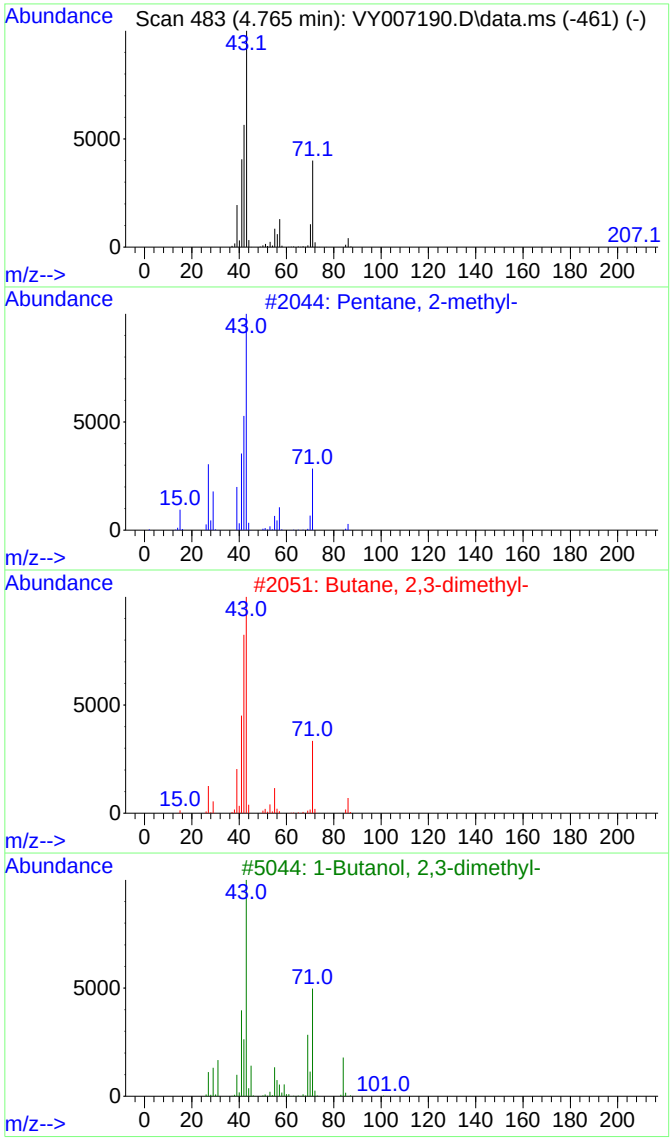
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

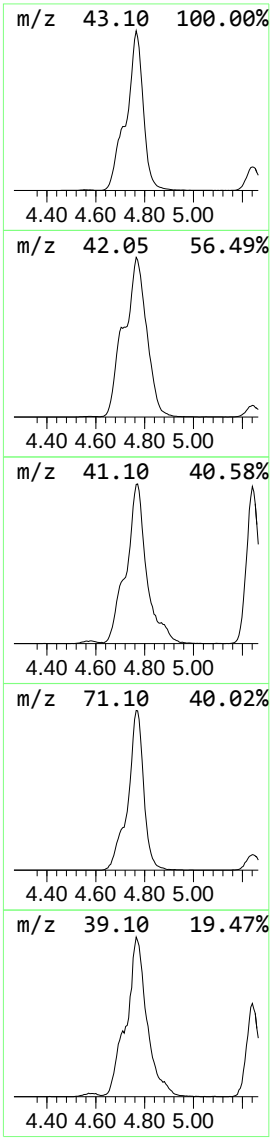
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.765	95.93 ug/l	2688700	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
4	N-Vinylformamide	71	C3H5NO	013162-05-5	38
5	Pentane	72	C5H12	000109-66-0	37





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Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

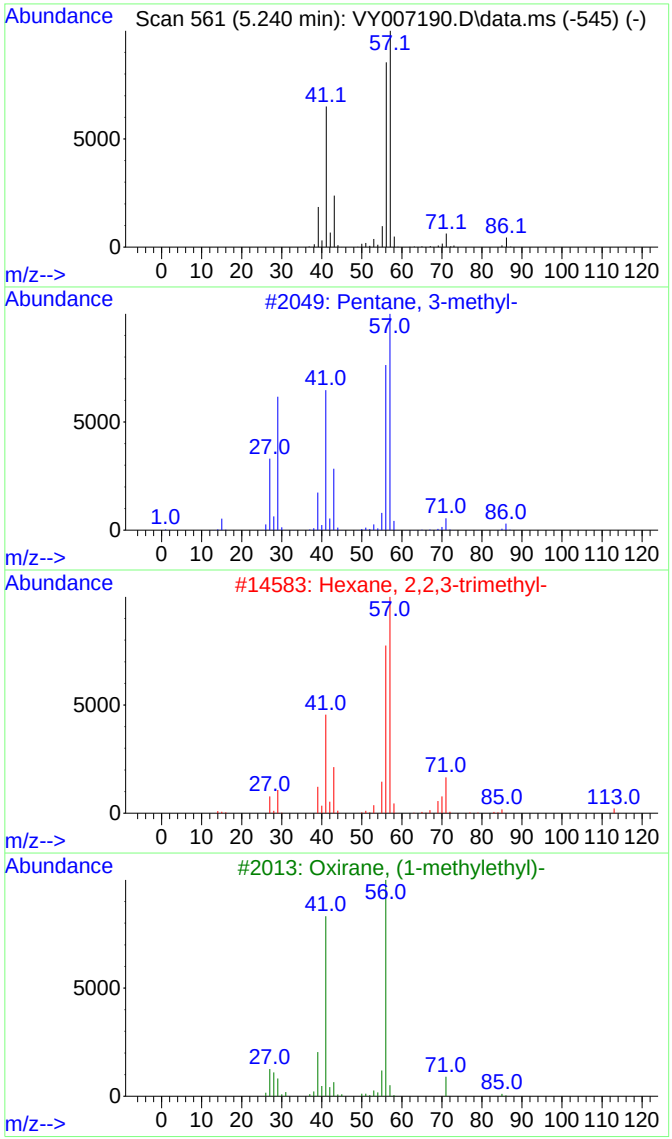
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

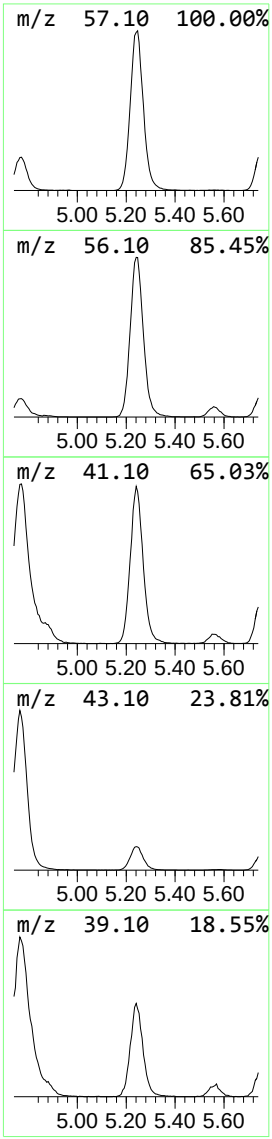
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.240	42.46 ug/l	1190120	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	42





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

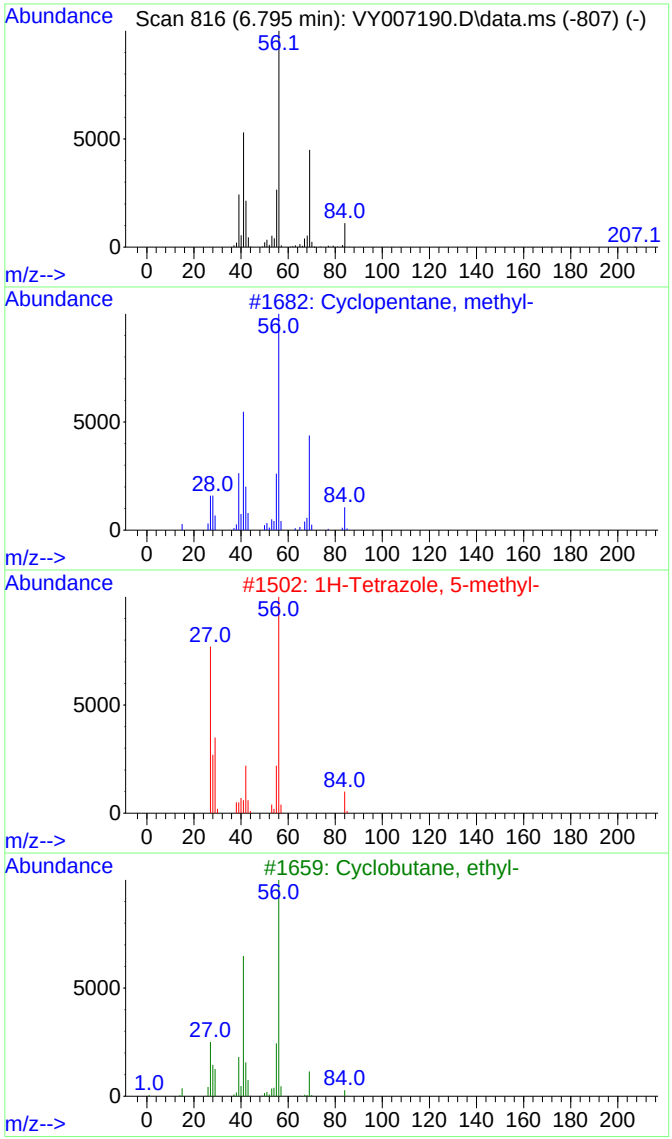
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

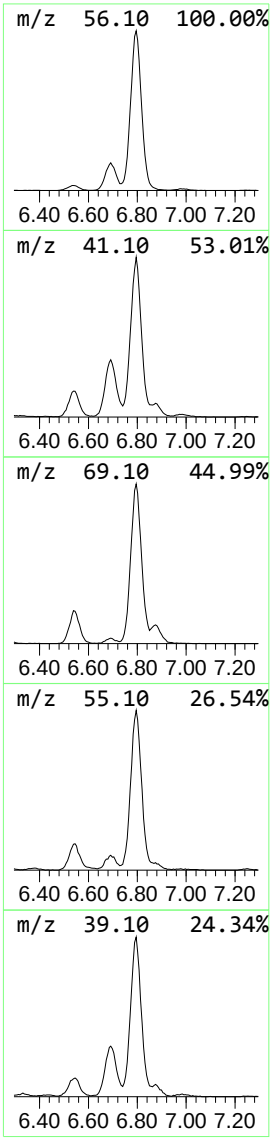
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	49.43 ug/l	1385360	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	38





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Data File : VY007190.D
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Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

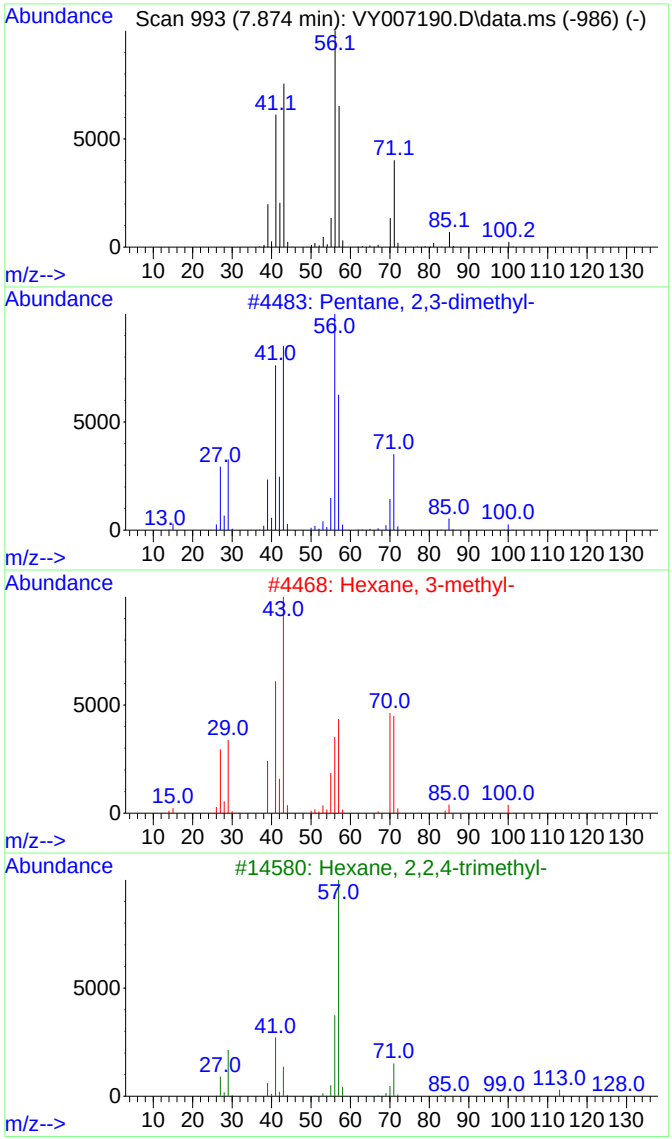
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

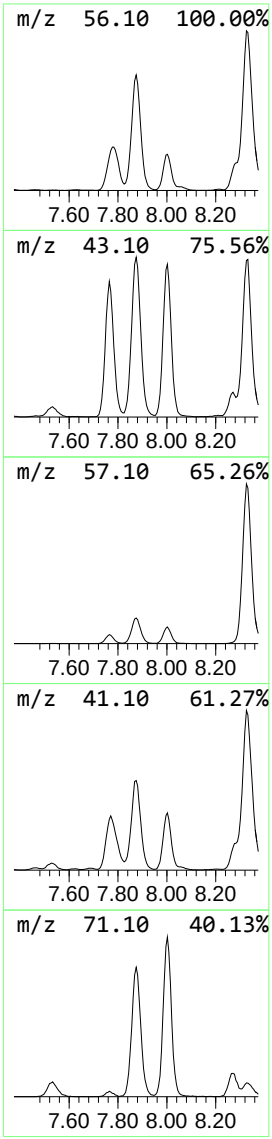
****

Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	48.90 ug/l	1370670	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	38





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Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

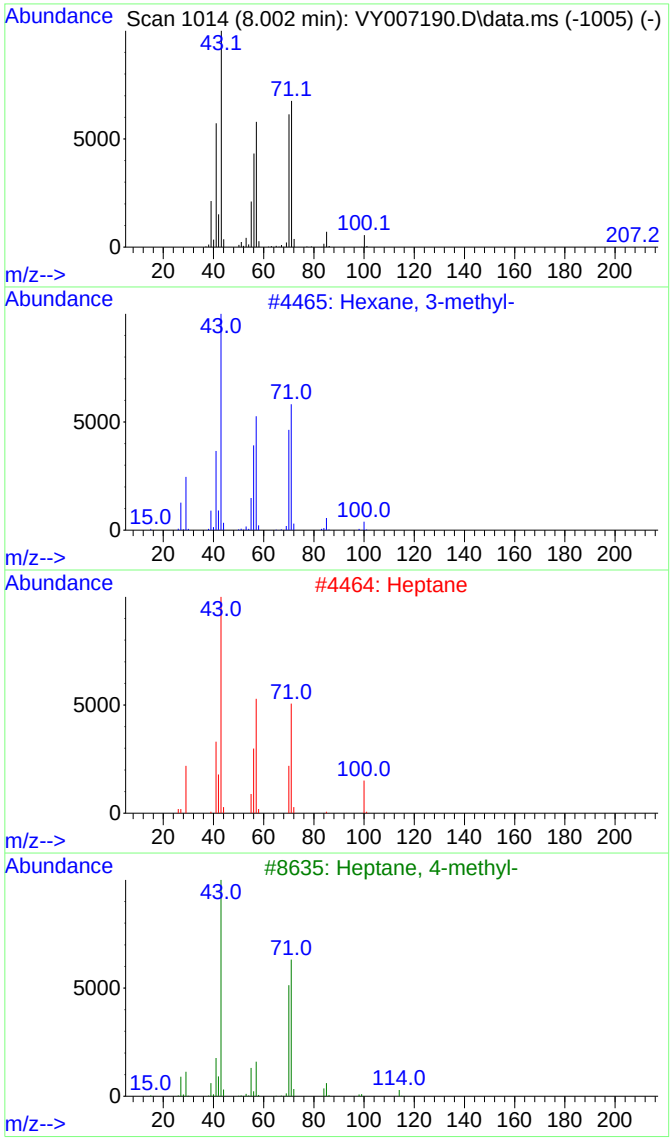
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

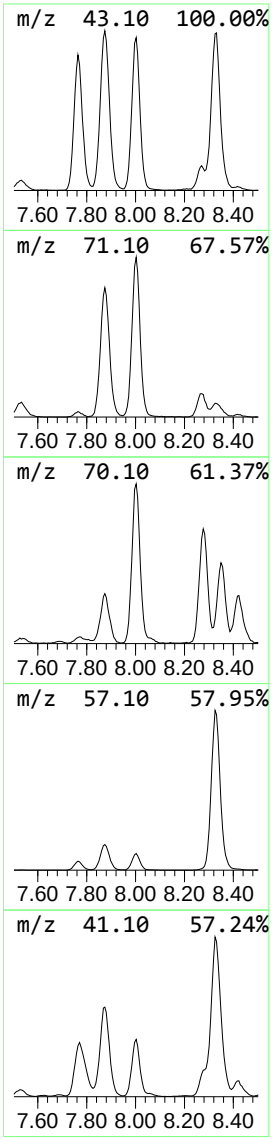
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.002	33.92 ug/l	950614	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

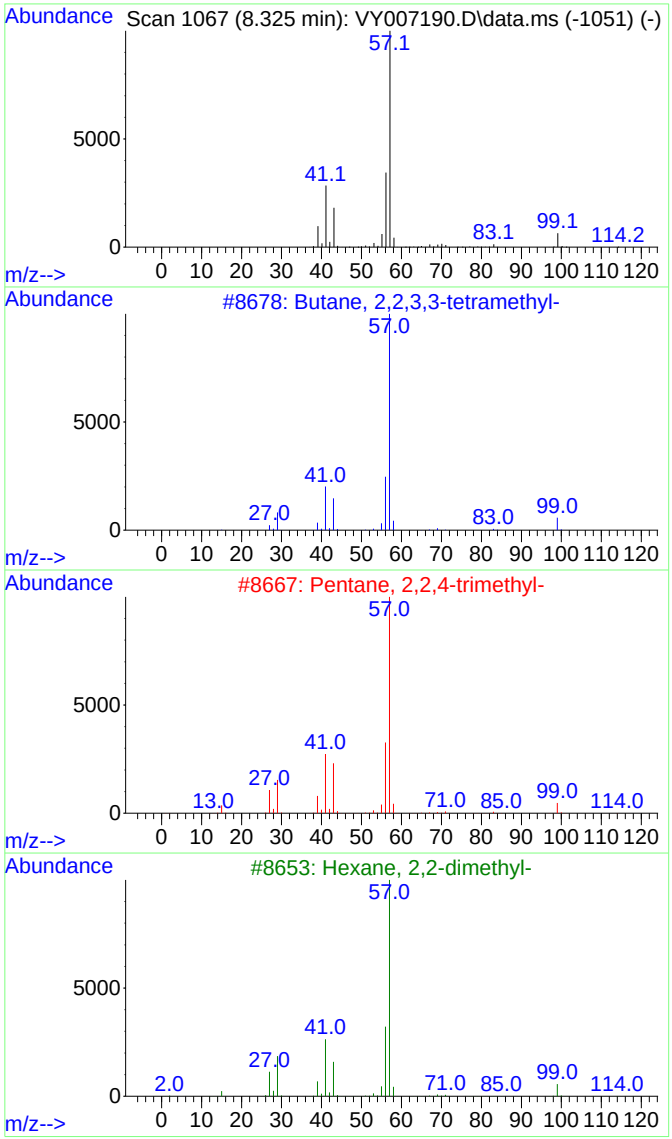
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

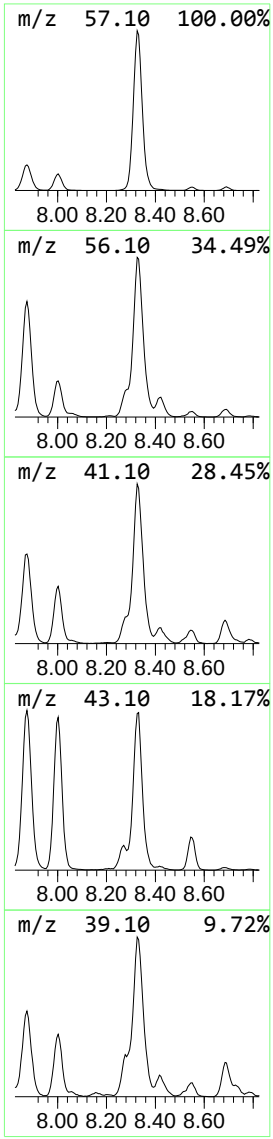
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	176.69 ug/l	3356590	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





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Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

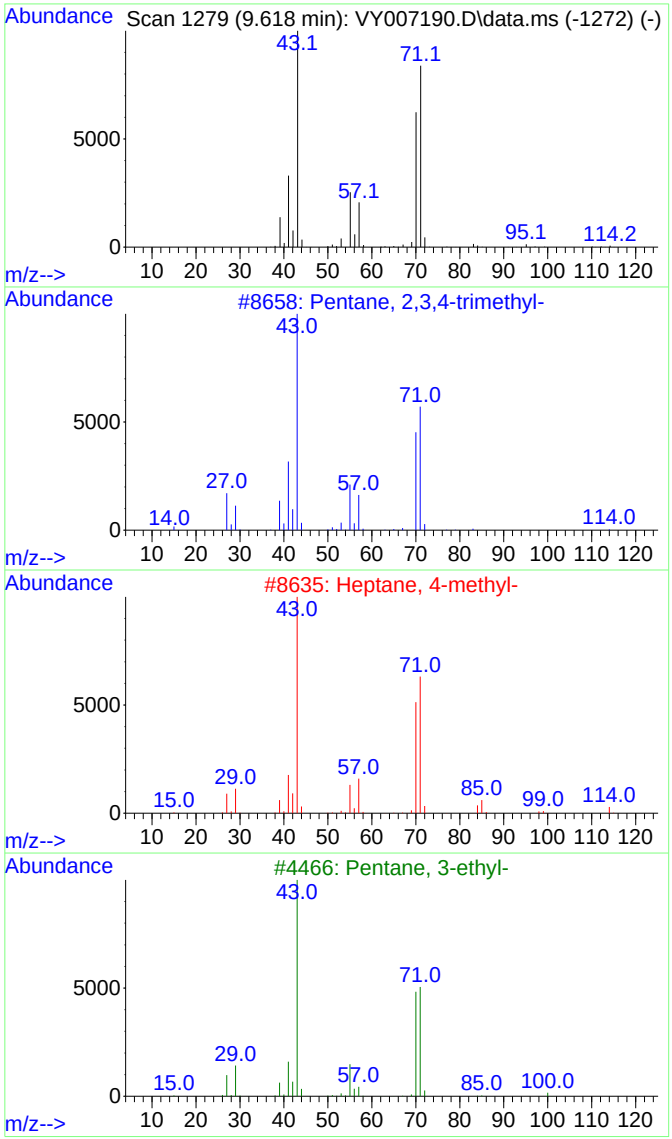
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

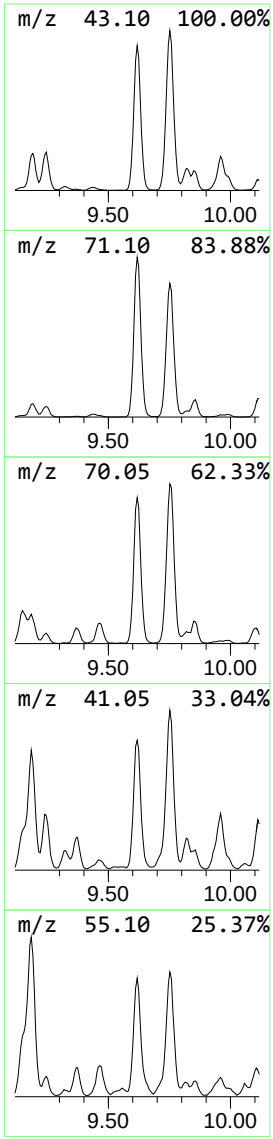
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	64.20 ug/l	1219690	1,4-Difluorobenzene	8.691

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	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

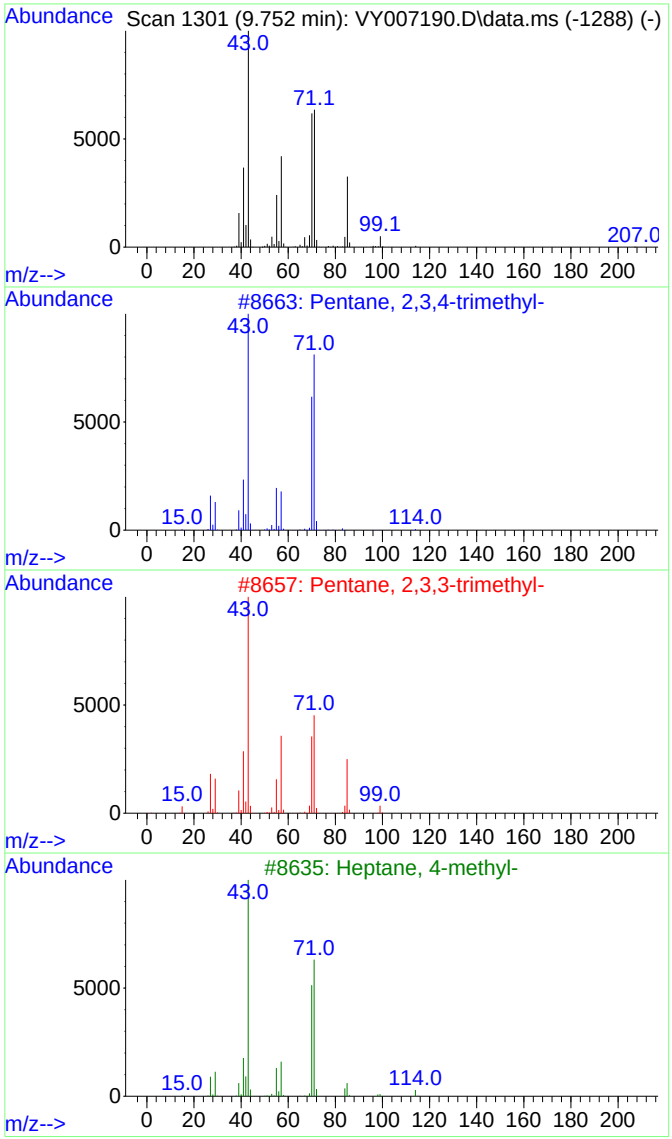
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

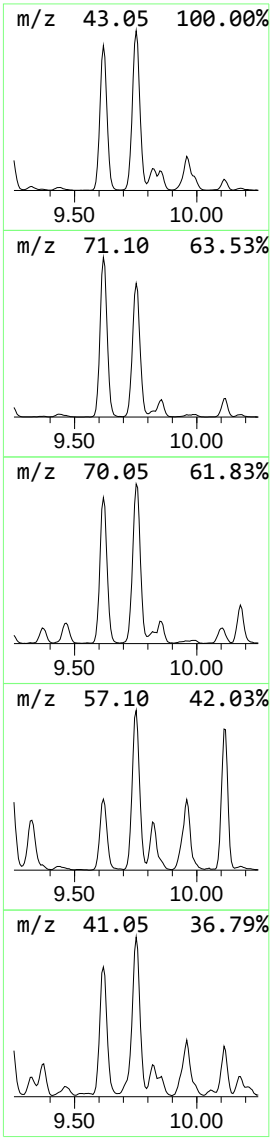
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	96.08 ug/l	1825260	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

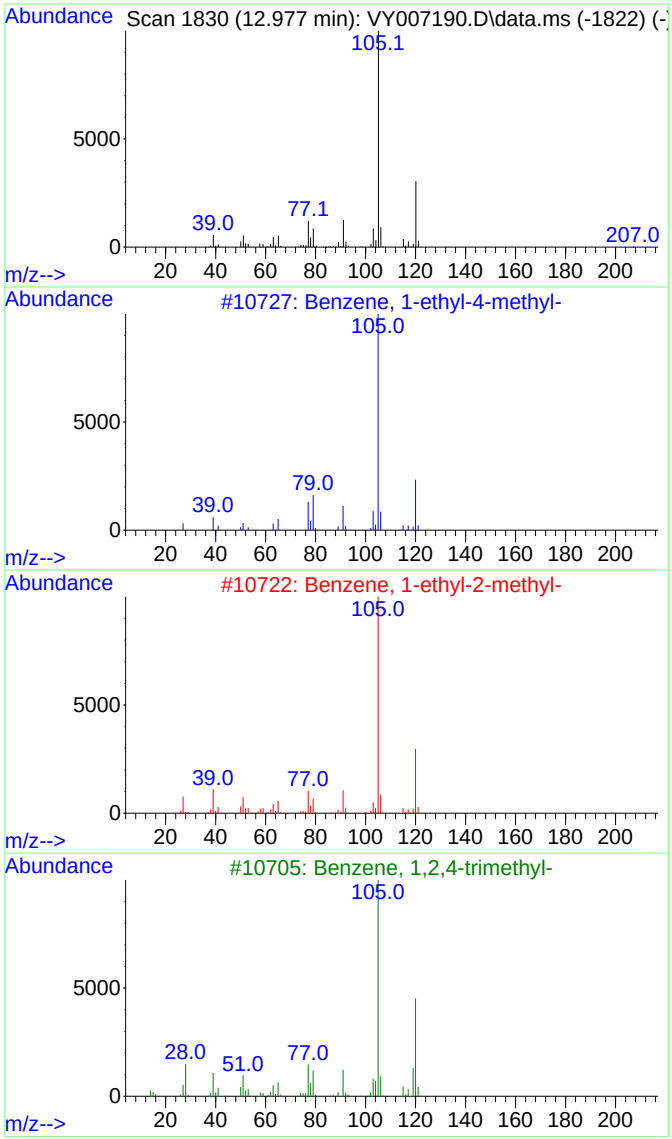
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

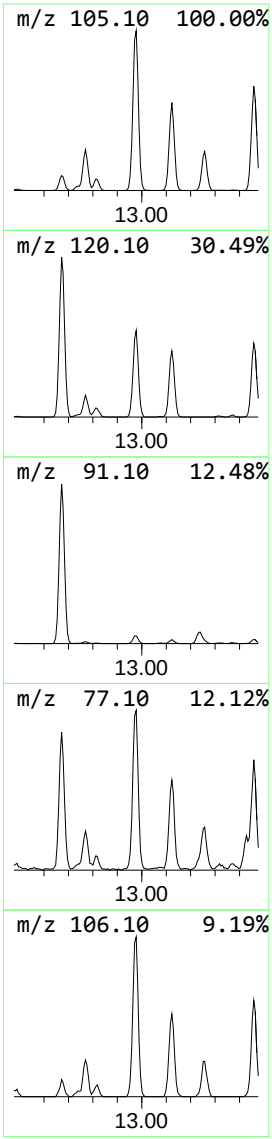
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	40.88 ug/l	485508	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

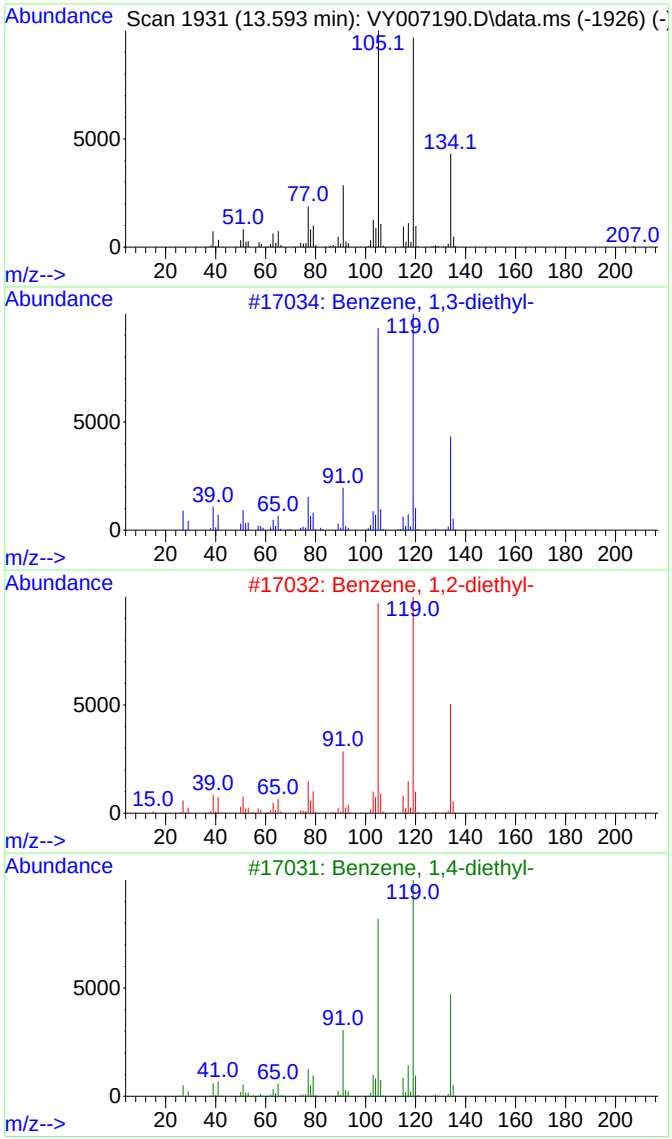
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

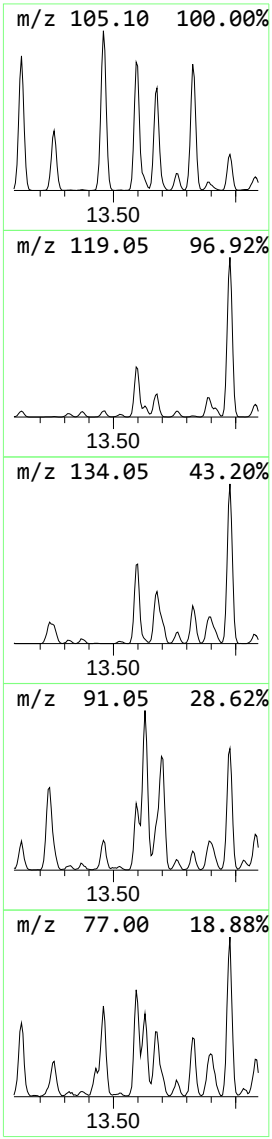
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.593	38.98 ug/l	462944	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

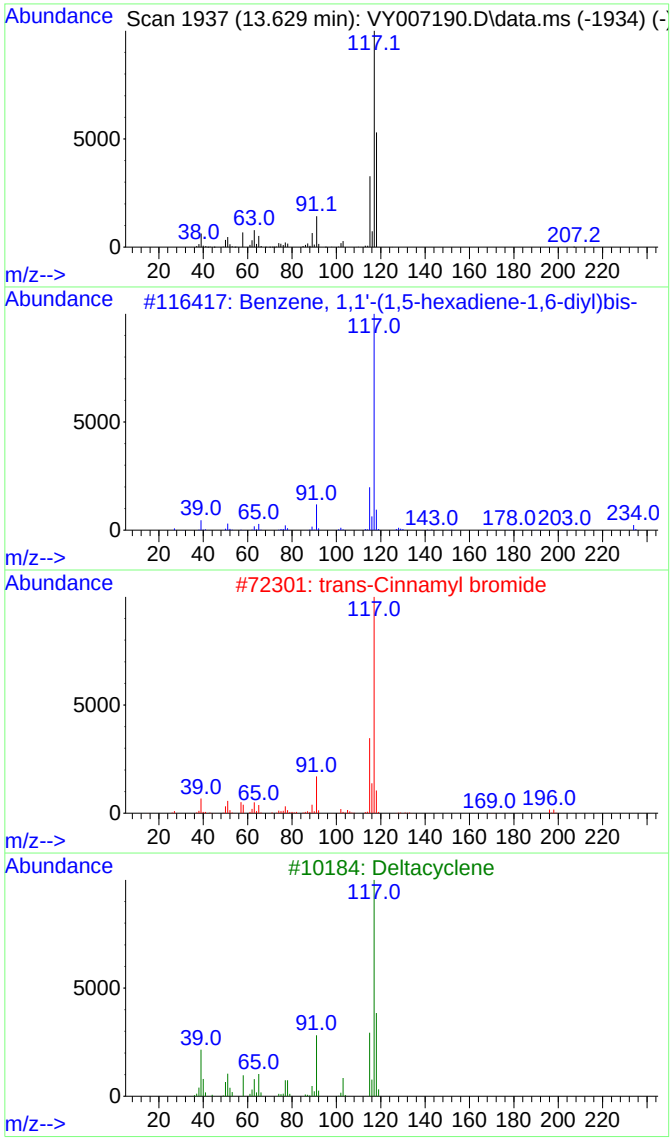
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

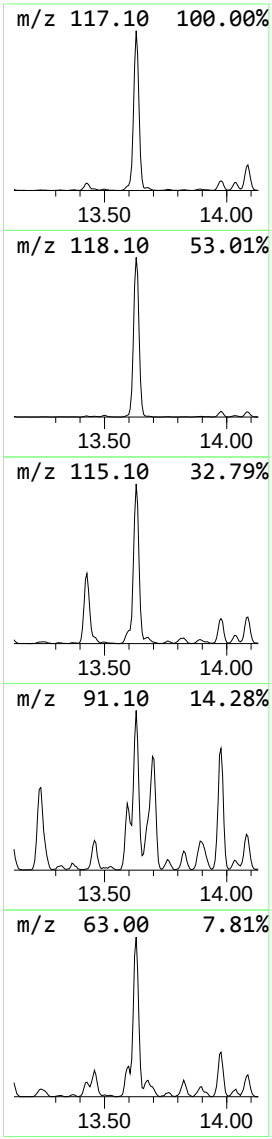
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	94.79 ug/l	1125910	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
3	Deltacyclene	118	C9H10	007785-10-6	50
4	Indole	117	C8H7N	000120-72-9	46
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

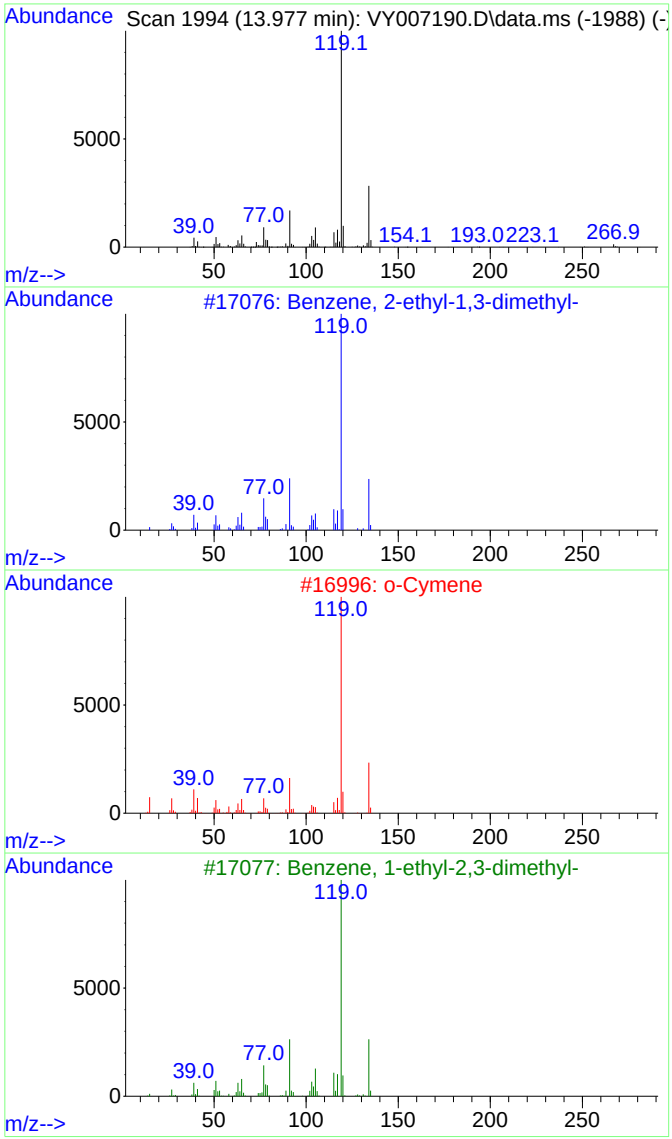
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

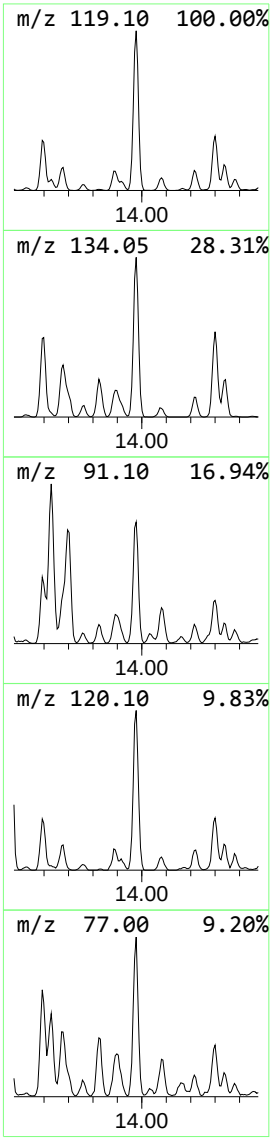
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	63.85 ug/l	758426	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

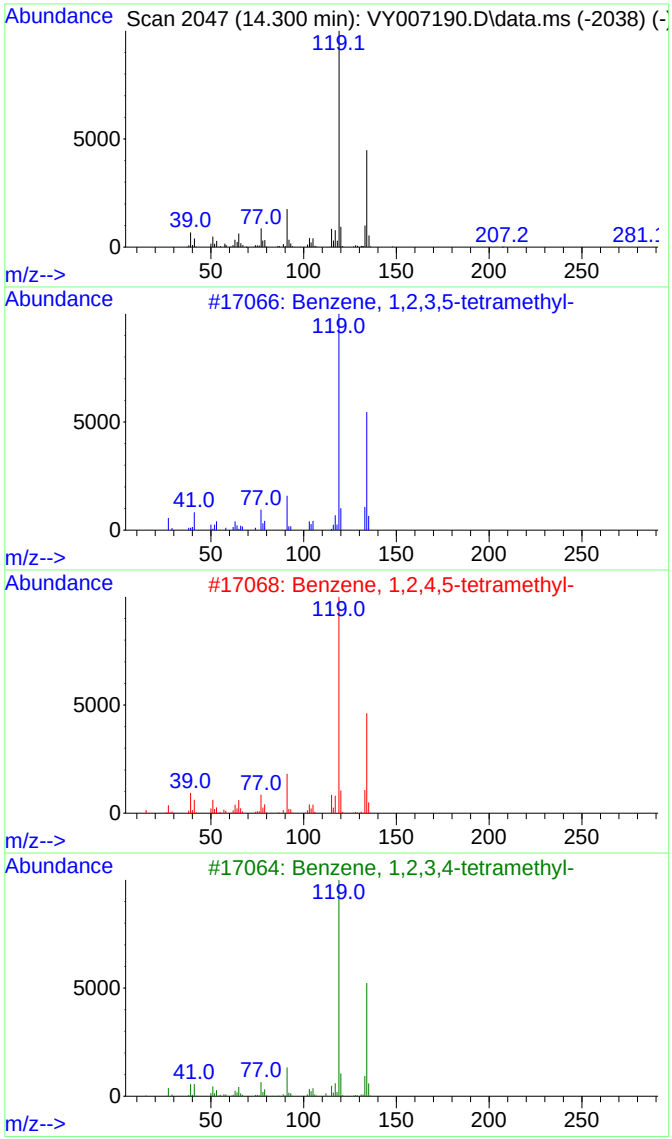
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

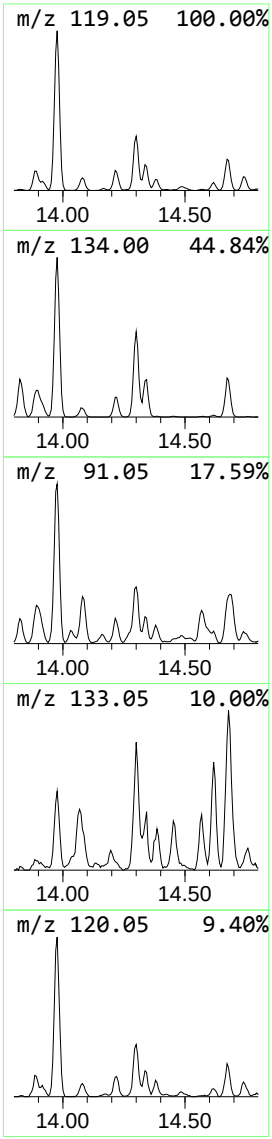
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	26.60 ug/l	315921	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

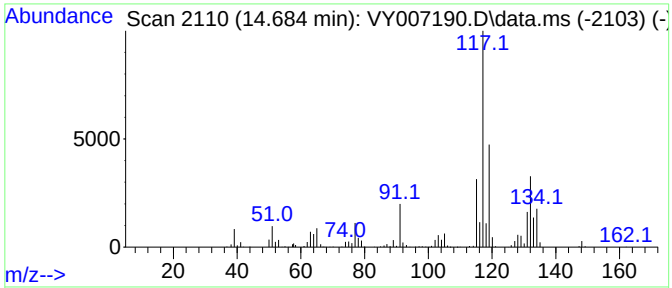
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

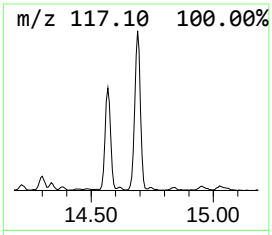
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

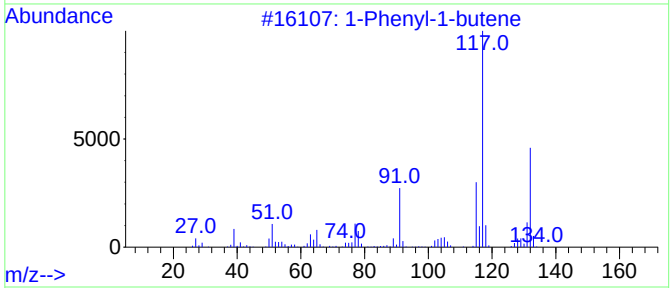
****
Peak Number 15 1-Phenyl-1-butene Concentration Rank 12

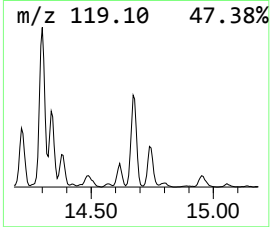
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	39.25 ug/l	466175	1,4-Dichlorobenzene-d4	13.428

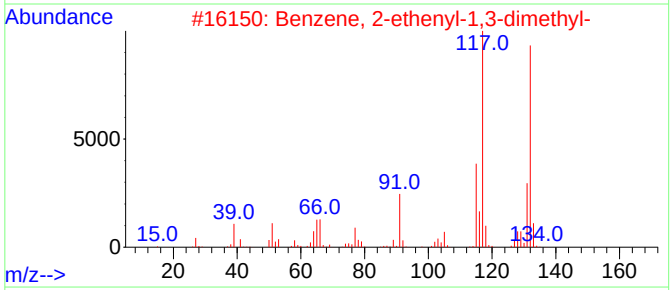
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	89
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70

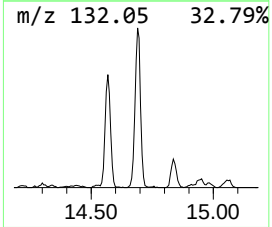


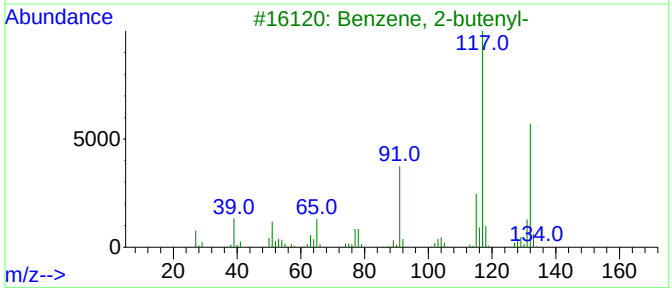


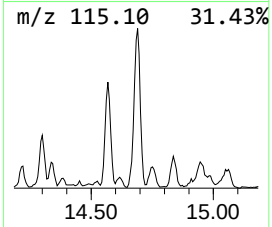


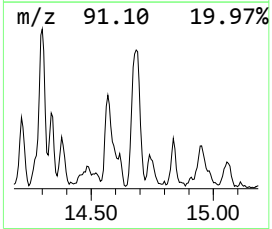












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007190.D
Acq On : 17 Jan 2022 16:26
Operator : SY/MD
Sample : N1145-01
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	2.912	99.1	ug/l	2776390	1	7.795	1401420	50.0
Pentane, 2-methyl-	4.765	95.9	ug/l	2688700	1	7.795	1401420	50.0
Pentane, 3-methyl-	5.240	42.5	ug/l	1190120	1	7.795	1401420	50.0
Cyclopentane, m...	6.795	49.4	ug/l	1385360	1	7.795	1401420	50.0
Pentane, 2,3-di...	7.874	48.9	ug/l	1370670	1	7.795	1401420	50.0
Hexane, 3-methyl-	8.002	33.9	ug/l	950614	1	7.795	1401420	50.0
Butane, 2,2,3,3...	8.325	176.7	ug/l	3356590	2	8.691	949859	50.0
Pentane, 2,3,4-...	9.618	64.2	ug/l	1219690	2	8.691	949859	50.0
Pentane, 2,3,3-...	9.752	96.1	ug/l	1825260	2	8.691	949859	50.0
Benzene, 1-ethy...	12.977	40.9	ug/l	485508	4	13.428	593871	50.0
Benzene, 1,3-di...	13.593	39.0	ug/l	462944	4	13.428	593871	50.0
Benzene, 1,1'-(...	13.629	94.8	ug/l	1125910	4	13.428	593871	50.0
Benzene, 2-ethy...	13.977	63.9	ug/l	758426	4	13.428	593871	50.0
Benzene, 1,2,3,...	14.300	26.6	ug/l	315921	4	13.428	593871	50.0
1-Phenyl-1-butene	14.684	39.3	ug/l	466175	4	13.428	593871	50.0