LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

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\82Y020222S.M
Title : SW846 8260

Signal : TIC: VY007471.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.905	167	178	199	rBV	78786	179541	10.38%	1.444%
2	3.259	227	236	247	rBV2	8143	18650	1.08%	0.150%
3	3.948	337	349	361	rBV3	19022	62585	3.62%	0.503%
4	4.710	460	474	482	rBV4	52496	214047	12.37%	1.721%
5	4.954	501	514	528	rVB3	45031	169640	9.81%	1.364%
6	5.234	544	560	577	rBV3	71513	280963	16.24%	2.259%
7	5.759	635	646	656	rBV4	8196	25246	1.46%	0.203%
8	6.124	695	706	716	rBV4	7303	23988	1.39%	0.193%
9	6.697	789	800	808	rBV2	17456	54854	3.17%	0.441%
10	6.801	808	817	828	rVB4	20929	63567	3.67%	0.511%
11	7.533	928	937	948	rVB4	7849	21820	1.26%	0.175%
12	7.722	958	968	973	rBV	92666	221631	12.81%	1.782%
13	7.789	973	979	987	rVV	158582	382435	22.10%	3.075%
14	7.874	987	993	1006	rVB2	47158	121072	7.00%	0.974%
15	8.002	1006	1014	1021	rBV2	16402	39738	2.30%	0.320%
16	8.148	1029	1038	1047	rBV2	102323	259918	15.02%	2.090%
17	8.240	1047	1053	1061	rVV	47636	131256	7.59%	1.055%
18	8.331	1061	1068	1077	rVV	61343	166616	9.63%	1.340%
19	8.423	1077	1083	1092	rVB3	9323	22349	1.29%	0.180%
20	8.551	1096	1104	1115	rVB2	13601	30962	1.79%	0.249%
21	8.691	1118	1127	1138	rBV	235978	470563	27.20%	3.784%
22	9.185	1194	1208	1214	rBV4	30620	91135	5.27%	0.733%
23	9.246	1214	1218	1224	rVB3	11613	22134	1.28%	0.178%
24	9.465	1245	1254	1260	rBV3	9859	21865	1.26%	0.176%
25	9.618	1272	1279	1289	rVB2	46610	90921	5.26%	0.731%
26	9.752	1289	1301	1307	rBV2	60599	137684	7.96%	1.107%
27	9.819	1307	1312	1316	rBV2	12011	22173	1.28%	0.178%
28	9.965	1325	1336	1346	rBV5	32110	108716	6.28%	0.874%
29	10.111	1354	1360	1365	rBV2	21278	39044	2.26%	0.314%
30	10.178	1365	1371	1379	rBV	372340	647178	37.41%	5.204%
31	10.294	1385	1390	1395	rBV2	23518	40226	2.33%	0.323%
32	10.374	1395	1403	1410	rVB5	21287	48950	2.83%	0.394%
33	10.617	1437	1443	1452	rVB7	11619	29963	1.73%	0.241%
34	11.282	1543	1552	1562	rBV3	18274	41827	2.42%	0.336%
35	11.379	1562	1568	1578	rVB3	19145	38404	2.22%	0.309%
36	11.489	1579	1586	1595	rBV	364319	611142	35.32%	4.914%

LSC Area Percent Report

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Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Title : SW846 8260

37	11.593	1596	1603	1612	rVB	68509	120489	6.96%	0.969%
38	11.703	1612	1621	1631	rBV	137669	285343	16.49%	2.294%
39	12.032	1664	1675	1683	rBV	33175	70775	4.09%	0.569%
40	12.331	1720	1724	1728	rBV2	12647	23533	1.36%	0.189%
41	12.489	1743	1750	1759	rVB2	973054	1730111	100.00%	13.912%
42	12.672	1771	1780	1785	rVB	43279	72059	4.16%	0.579%
43	12.733	1785	1790	1793	rBV	107212	164787	9.52%	1.325%
44	12.769	1793	1796	1799	rVV	60426	88470	5.11%	0.711%
45	12.812	1799	1803	1805	rVV2	81964	134677	7.78%	1.083%
46	12.843	1805	1808	1815	rVV	115967	169210	9.78%	1.361%
47	12.971	1817	1829	1837	rVV	68907	150343	8.69%	1.209%
48	13.117	1847	1853	1859	rVB	222776	353049	20.41%	2.839%
49	13.251	1867	1875	1879	rBV4	21441	48278	2.79%	0.388%
50	13.318	1882	1886	1890	rVB3	14548	21016	1.21%	0.169%
51	13.428	1896	1904	1913	rVV2	340006	635528	36.73%	5.110%
52	13.593	1925	1931	1933	rBV	76702	120270	6.95%	0.967%
53	13.629	1933	1937	1940	rVV2	207999	337348	19.50%	2.713%
54	13.666	1940	1943	1952	rVB3	95580	193087	11.16%	1.553%
55	13.751	1952	1957	1962	rBV3	69462	106229	6.14%	0.854%
56	13.824	1965	1969	1974	rVV	24969	42163	2.44%	0.339%
57	13.885	1974	1979	1981	rVV	46683	75720	4.38%	0.609%
58	13.916	1981	1984	1988	rVV	52010	79718	4.61%	0.641%
59	13.970	1988	1993	1998	rVV3	158554	249132	14.40%	2.003%
60	14.025	1998	2002	2006	rVV2	24296	43601	2.52%	0.351%
61	14.080	2006	2011	2017	rVB	101554	157468	9.10%	1.266%
62	14.147	2017	2022	2027	rVB6	15868	32478	1.88%	0.261%
63	14.214	2027	2033	2036	rBV	26033	49409	2.86%	0.397%
64	14.294	2037	2046	2050	rVV	78174	195243	11.28%	1.570%
65	14.336	2050	2053	2057	rVV	59084	82654	4.78%	0.665%
66	14.379	2057	2060	2063	rVV2	49019	69178	4.00%	0.556%
67	14.416	2063	2066	2072	rVV4	34313	56556	3.27%	0.455%
68	14.477	2073	2076	2080	rVV3	11340	18432	1.07%	0.148%
69	14.525	2080	2084	2086	rVV2	22824	33050	1.91%	0.266%
70	14.568	2086	2091	2095	rVV2	65240	125296	7.24%	1.008%
71	14.611	2095	2098	2102	rVB2	69019	92064	5.32%	0.740%
72	14.684	2103	2110	2115	rBV4	105861	233904	13.52%	1.881%
73	14.733	2115	2118	2125	rVB3	45522	84186	4.87%	0.677%
74	14.836	2131	2135	2139	rVB	19747	26419	1.53%	0.212%
75	14.946	2148	2153	2157	rBV3	38299	57966	3.35%	0.466%
76	15.056	2165	2171	2178	rVB2	41852	86366	4.99%	0.694%

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ClientSampleId :
A5-3-8.5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : SW846 8260

77	15.232	2191	2200	2205	rBV	98316	209945	12.13%	1.688%
78	15.348	2214	2219	2223	rBV7	22132	43973	2.54%	0.354%
79	15.434	2230	2233	2241	rVB5	29679	48862	2.82%	0.393%
80	15.525	2242	2248	2255	rBV2	24241	53478	3.09%	0.430%
81	15.604	2257	2261	2266	rVB6	13259	23305	1.35%	0.187%
82	15.684	2267	2274	2277	rBV8	14153	34716	2.01%	0.279%
83	15.818	2290	2296	2301	rBV2	11402	22749	1.31%	0.183%
84	15.885	2302	2307	2312	rBV3	11805	24800	1.43%	0.199%
85	16.031	2325	2331	2336	rBV8	13351	26574	1.54%	0.214%
86	16.226	2358	2363	2368	rVV7	12428	24430	1.41%	0.196%
87	16.293	2368	2374	2382	rVV	80758	156763	9.06%	1.261%
88	16.488	2399	2406	2414	rBV	46452	98286	5.68%	0.790%

Sum of corrected areas: 12436289

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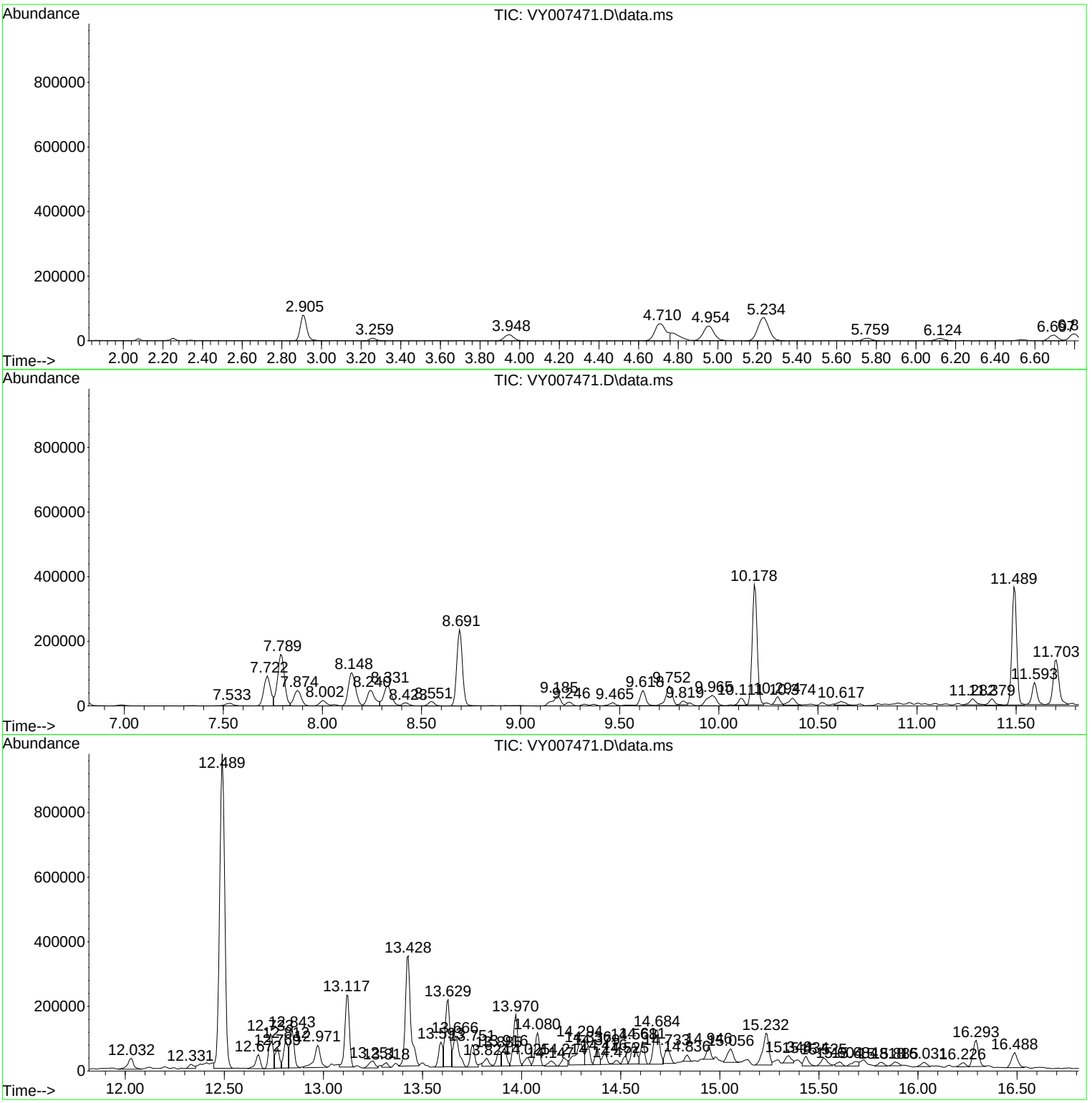
Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
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Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

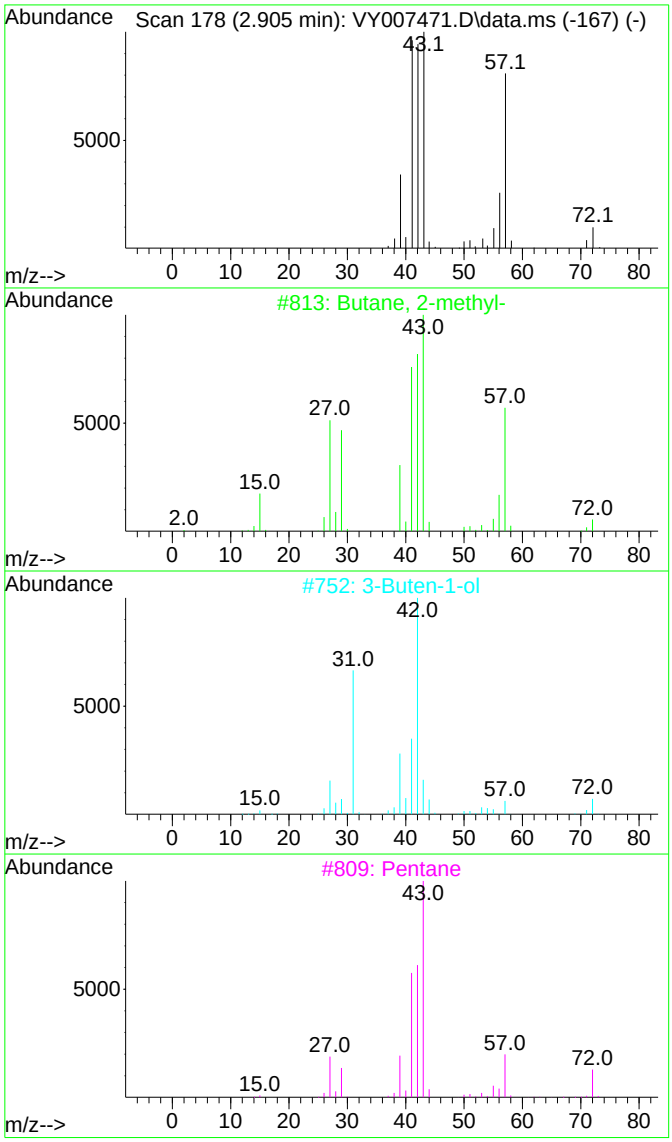
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

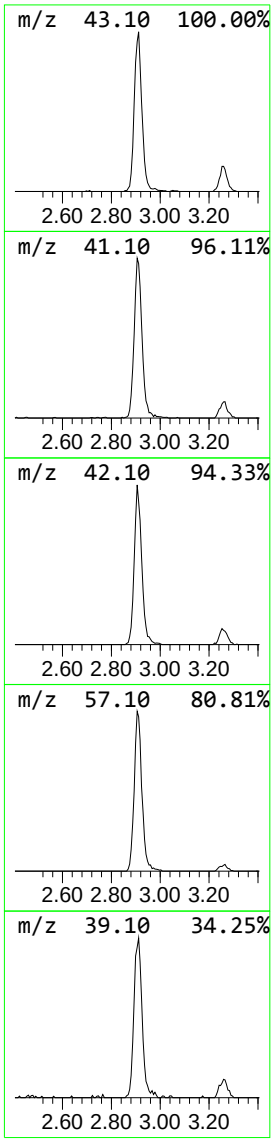
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.905	23.47 ug/l	179541	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	3-Buten-1-ol	72	C4H8O	000627-27-0	37
3	Pentane	72	C5H12	000109-66-0	28
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	12
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

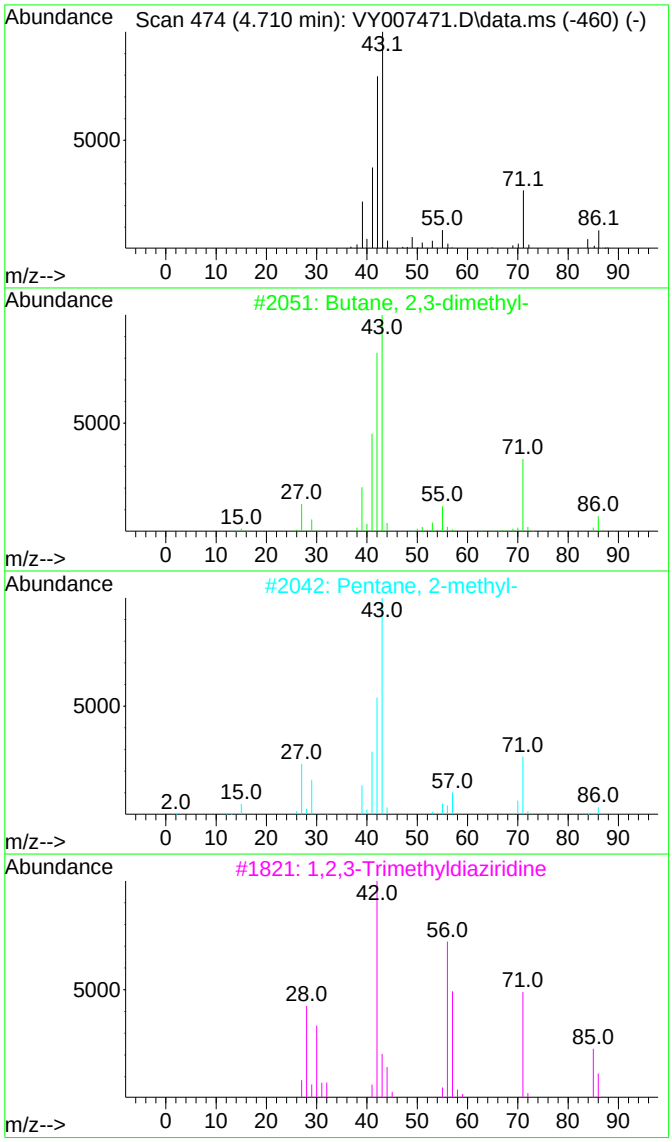
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

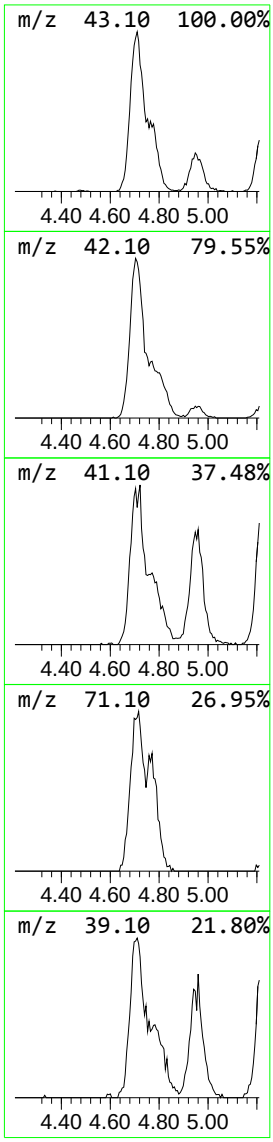
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.710	27.98 ug/l	214047	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	56
3	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	38
4	Pentane	72	C5H12	000109-66-0	36
5	Tetrahydrofuran	72	C4H8O	000109-99-9	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
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Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

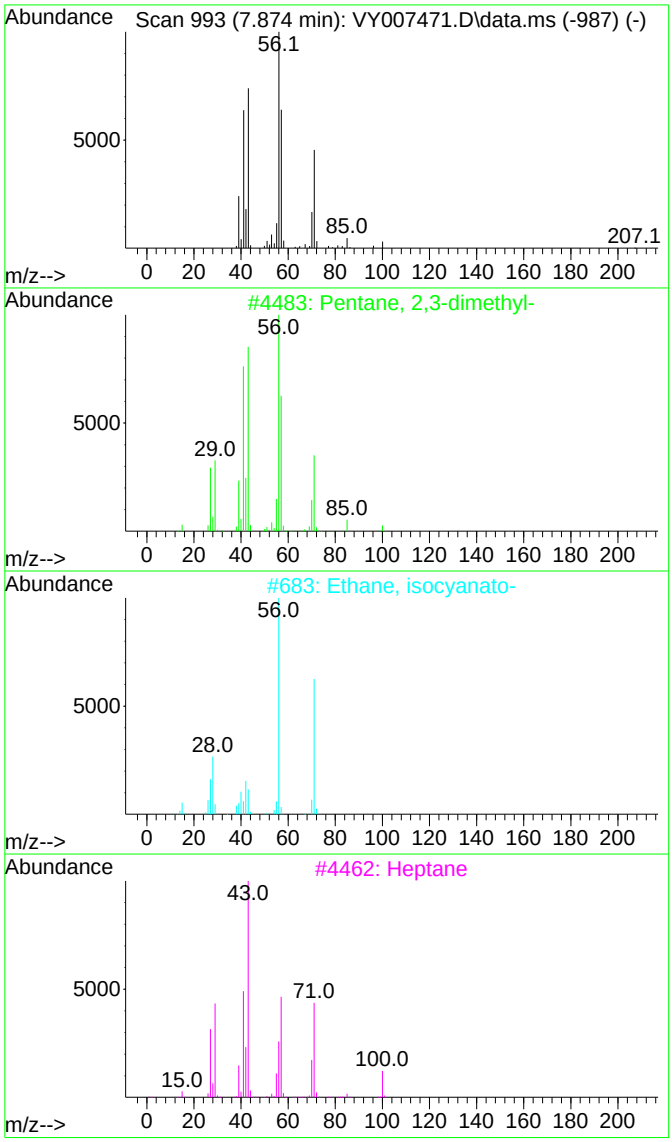
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

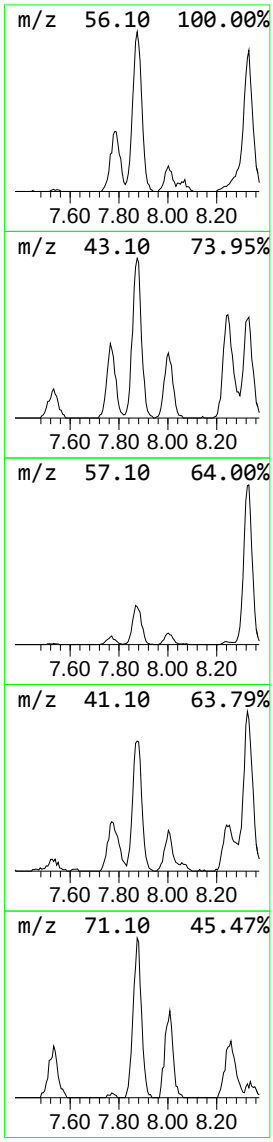
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	15.83 ug/l	121072	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Ethane, isocyanato-	71	C3H5NO	000109-90-0	59
3	Heptane	100	C7H16	000142-82-5	47
4	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	45
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	40





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Operator : SY/MD
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Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

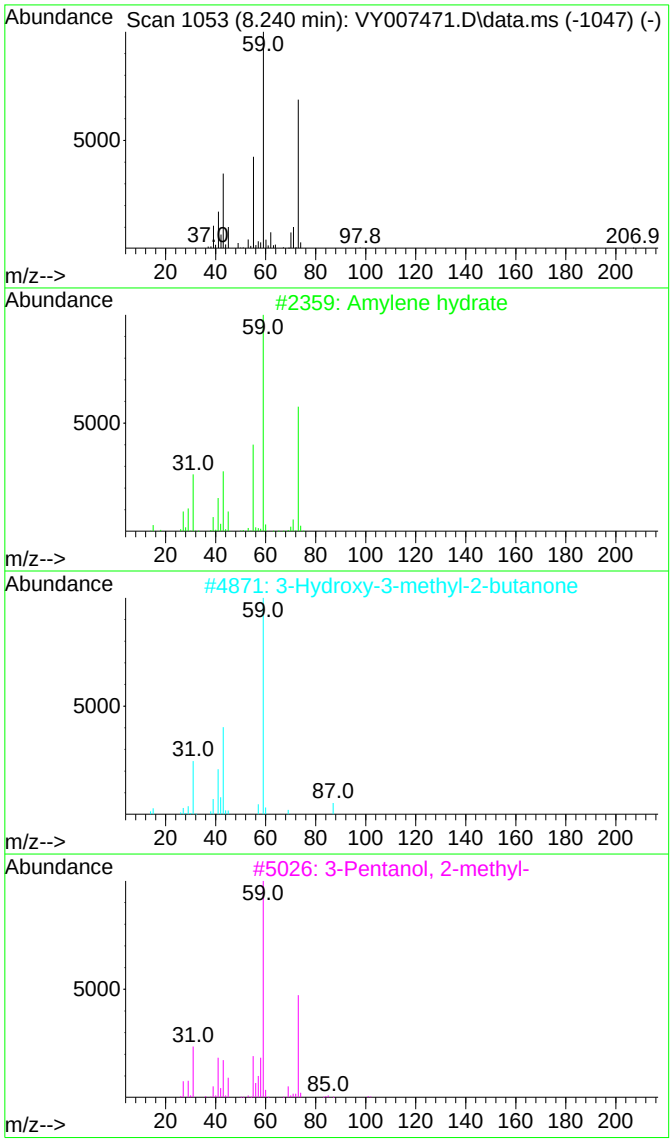
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

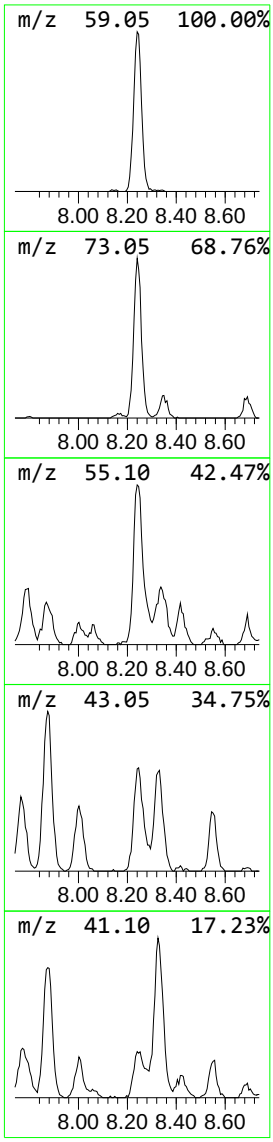
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Amylene hydrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	13.95 ug/l	131256	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	47
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	45
4	1-(1-Methoxypropan-2-yloxy)propa...	260	C14H28O4	1000367-13-1	40
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	38





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Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

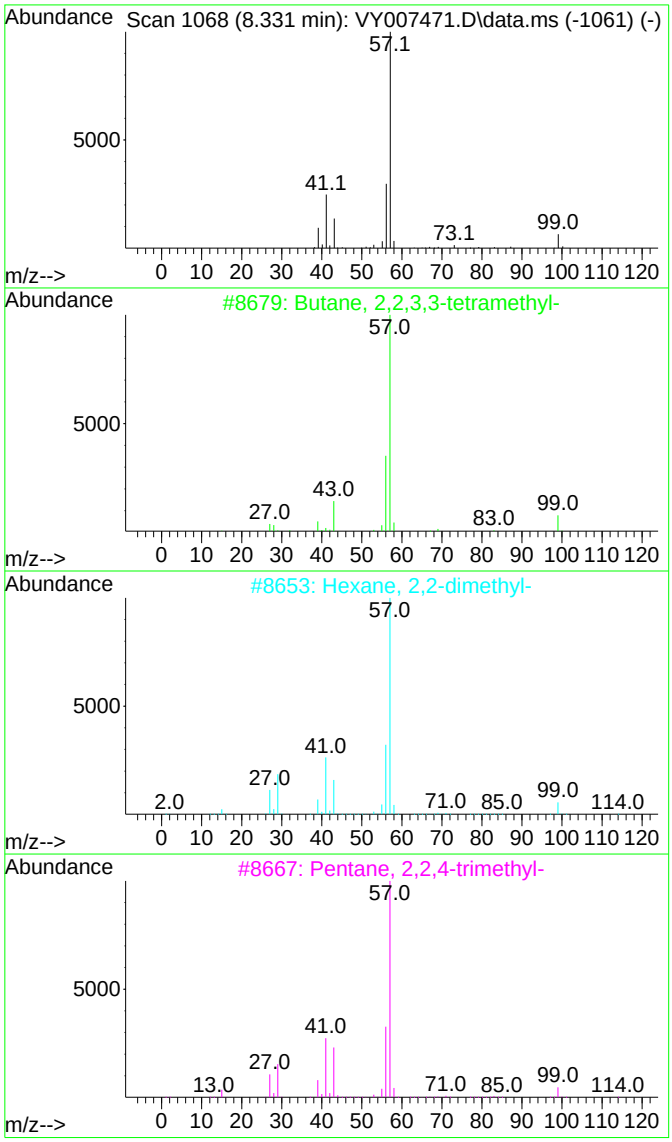
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

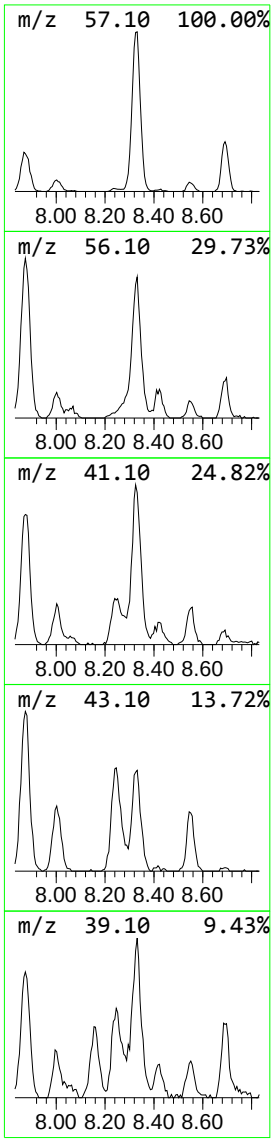
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butane, 2,2,3,3-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.331	17.70 ug/l	166616	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	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	56
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	33
5	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	9





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MSVOA_Y
ClientSampleId :
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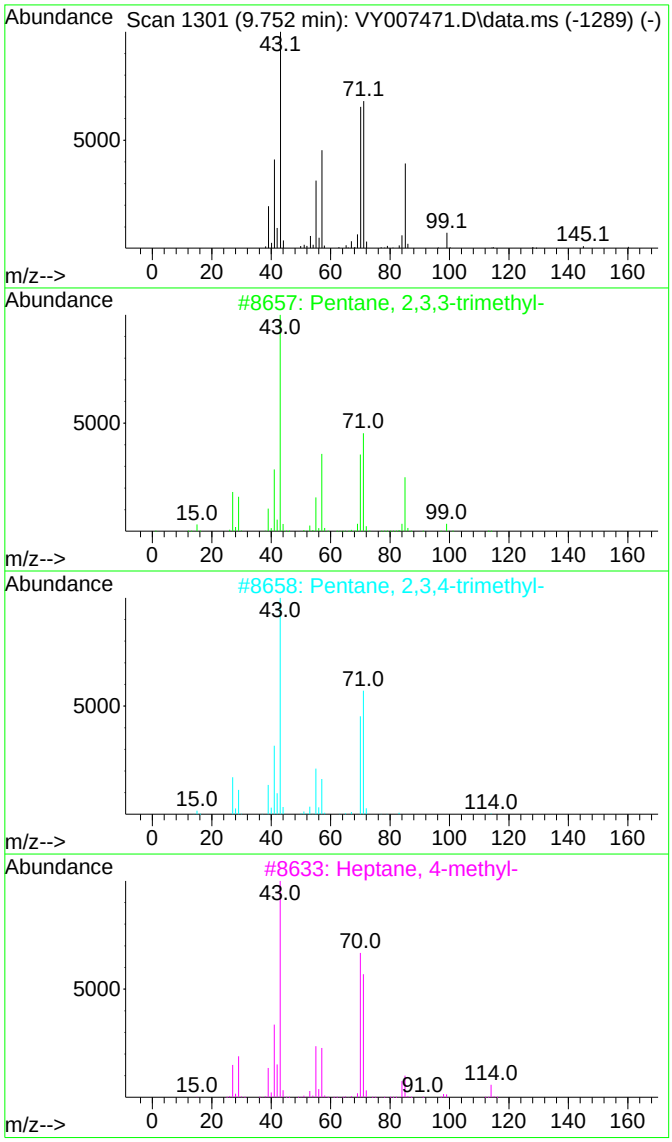
Quant Title : SW846 8260

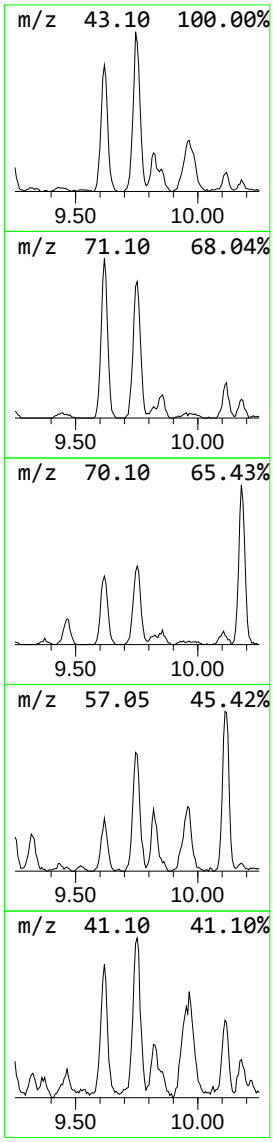
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	14.63 ug/l	137684	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	62
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	58
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

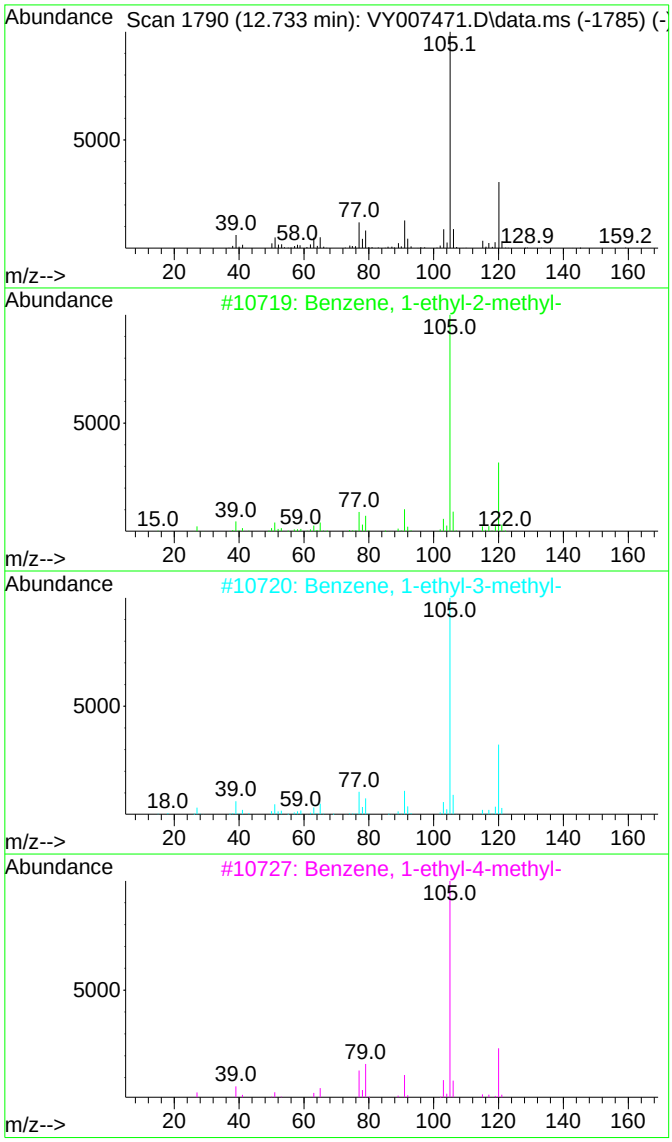
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

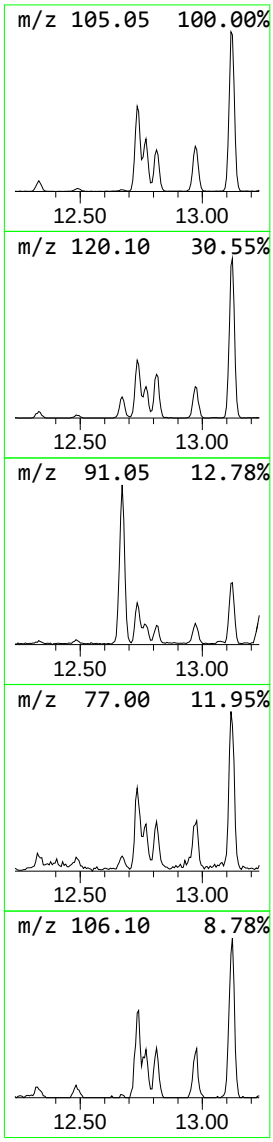
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	12.96 ug/l	164787	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

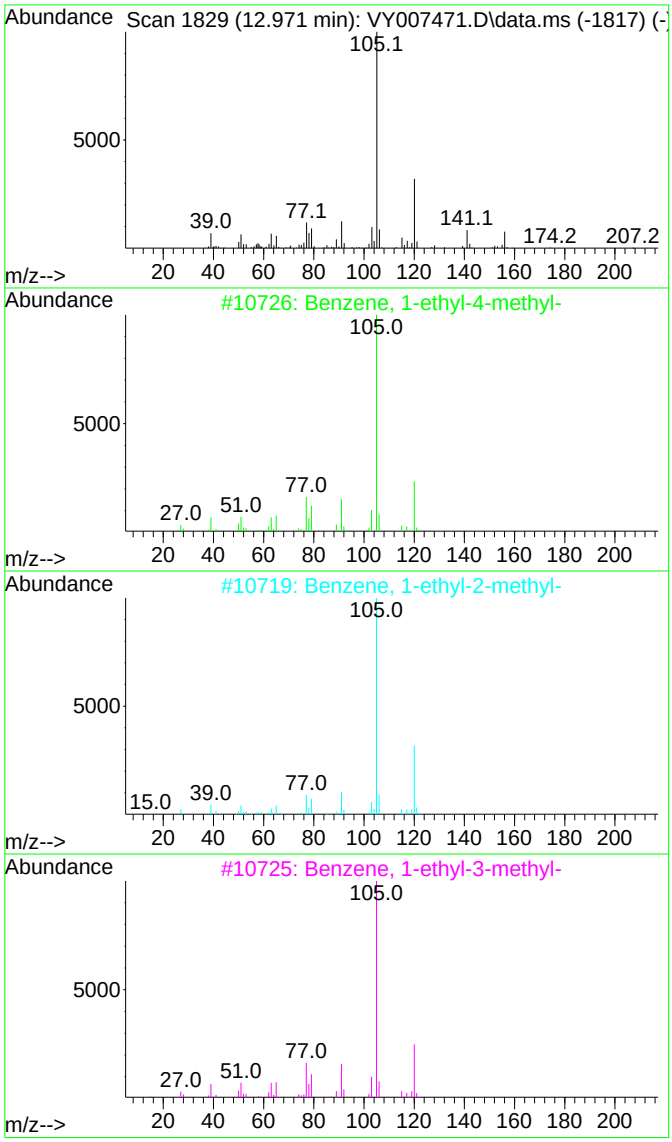
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

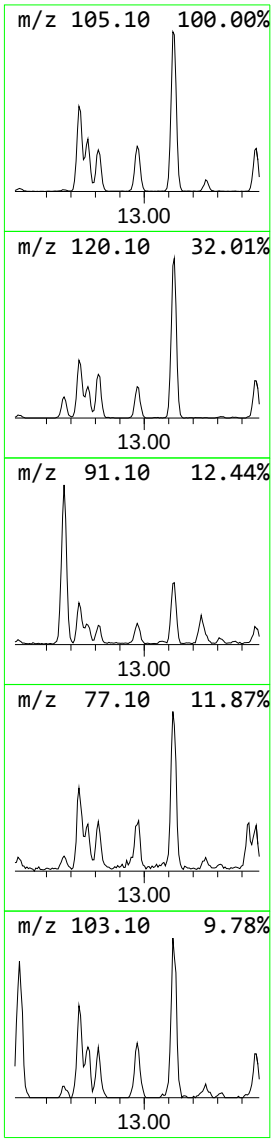
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	11.83 ug/l	150343	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-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





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Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

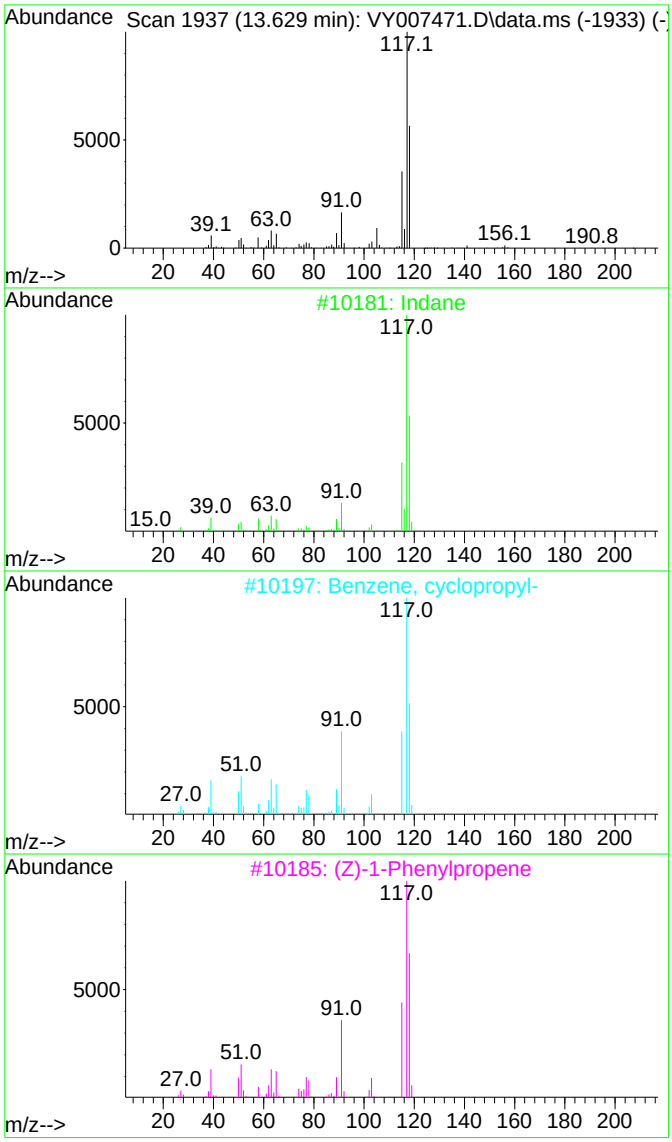
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

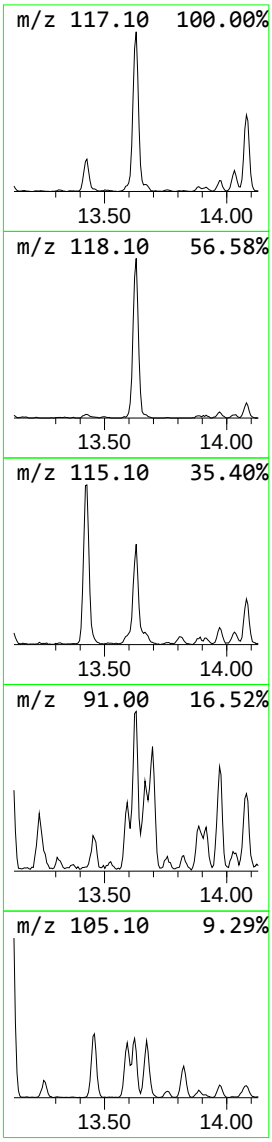
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	26.54 ug/l	337348	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

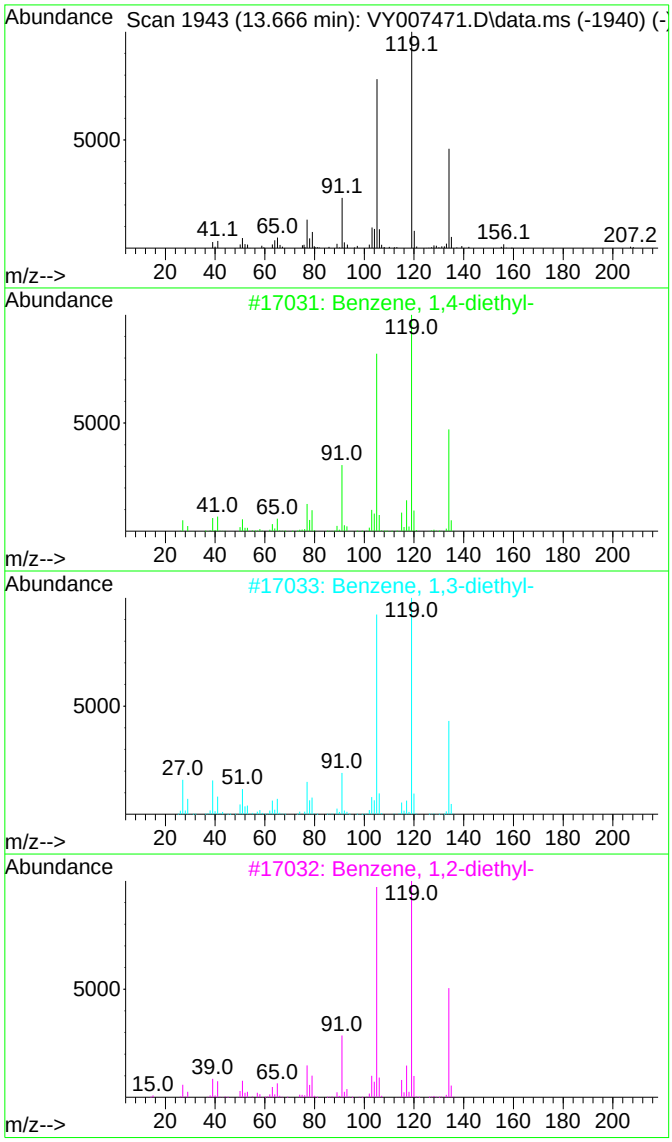
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

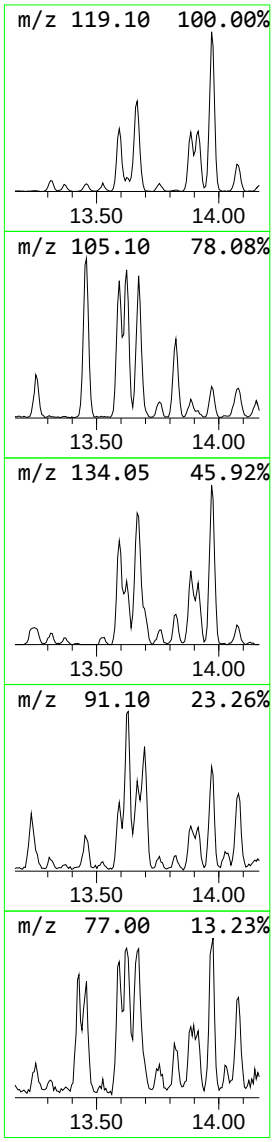
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	15.19 ug/l	193087	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	80
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

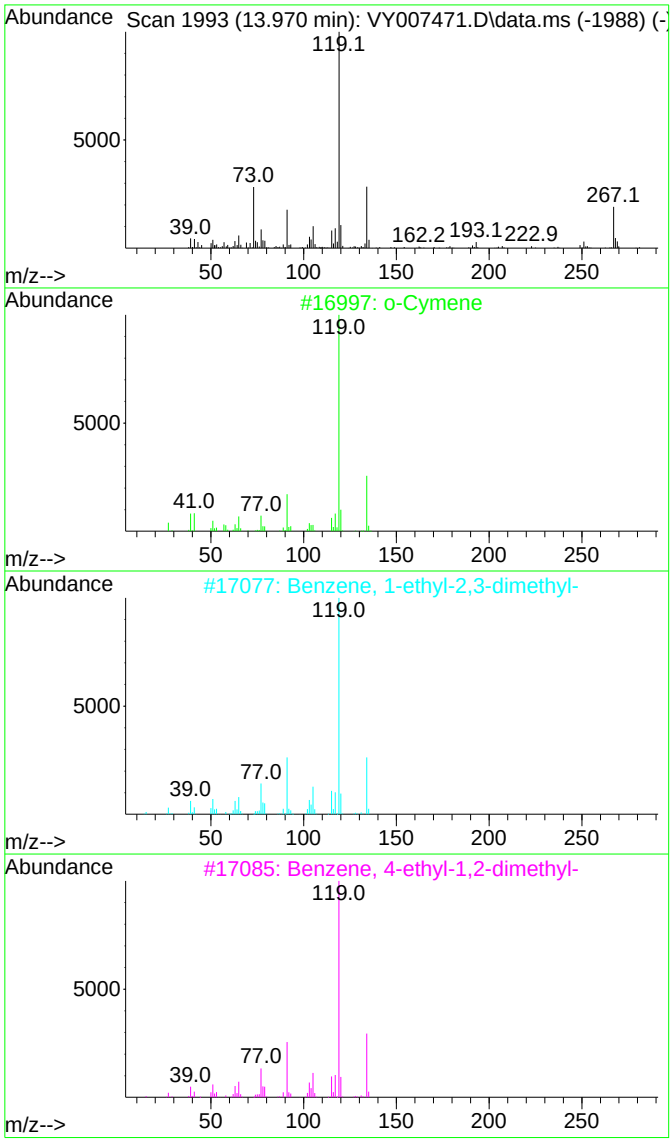
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

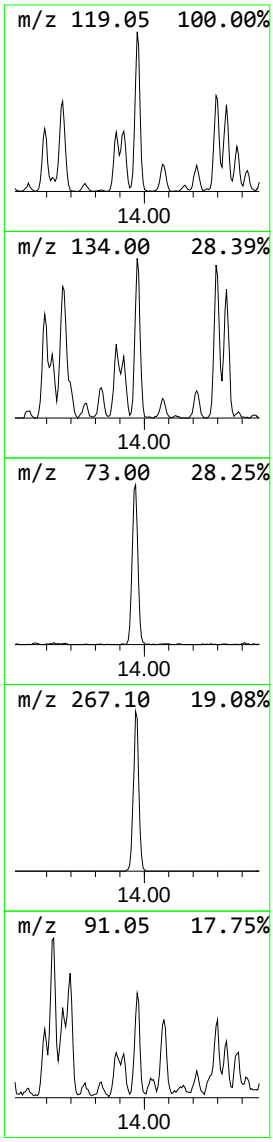
****

Peak Number 11 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	19.60 ug/l	249132	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

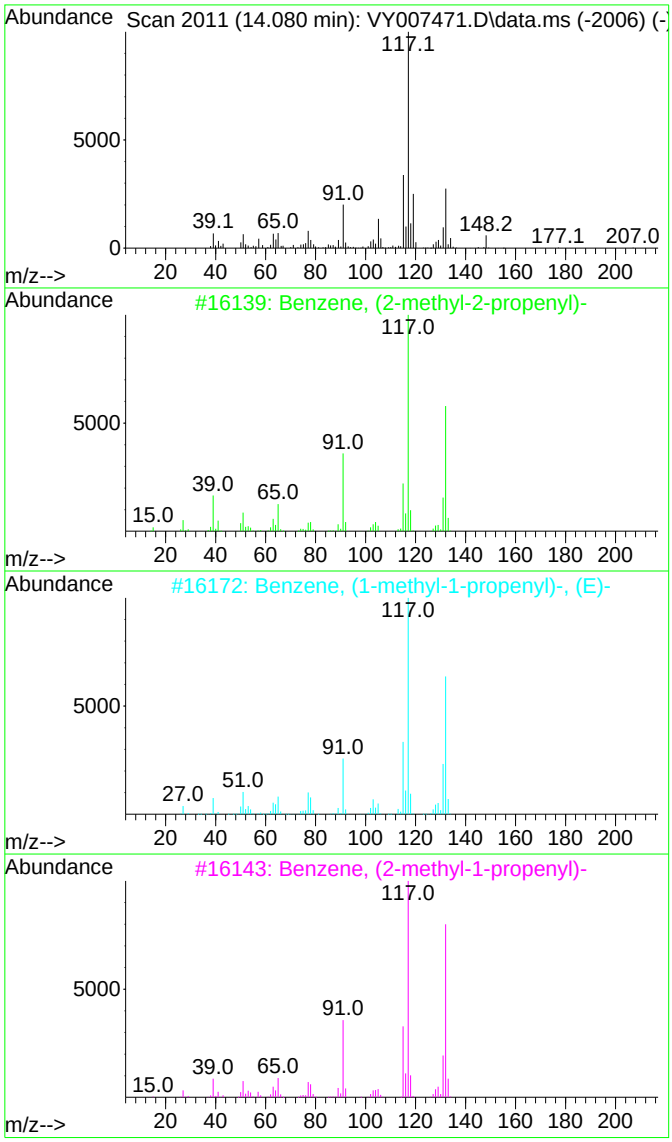
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

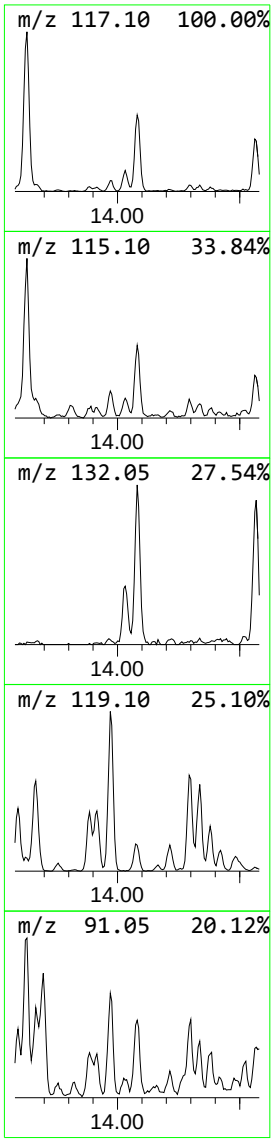
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (2-methyl-2-propen... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	12.39 ug/l	157468	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

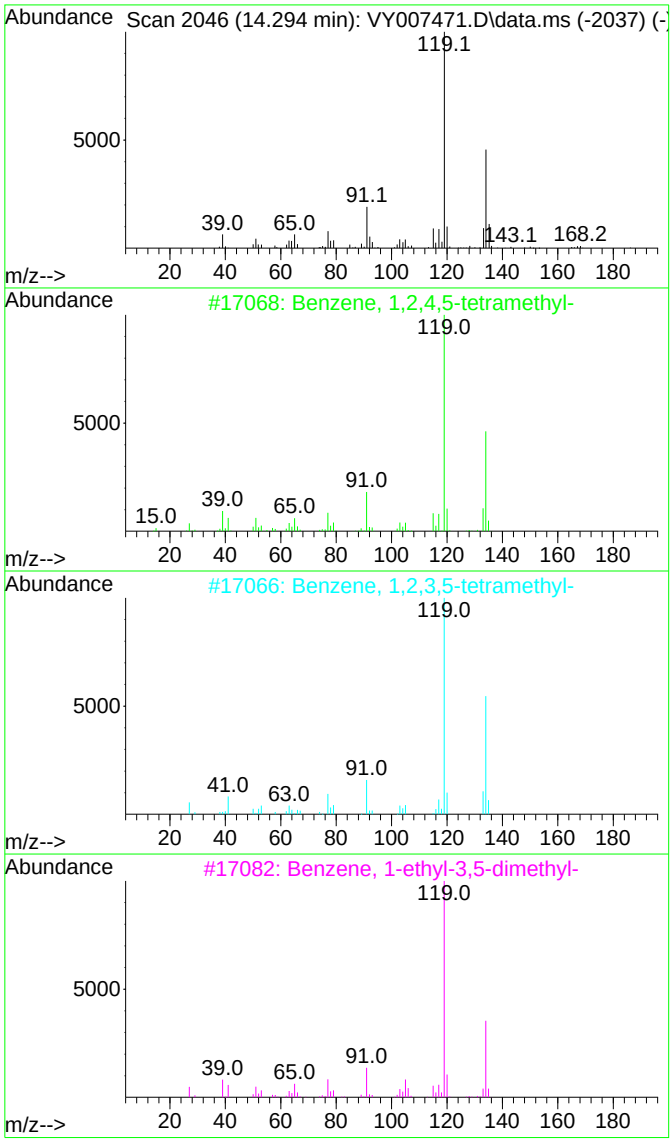
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

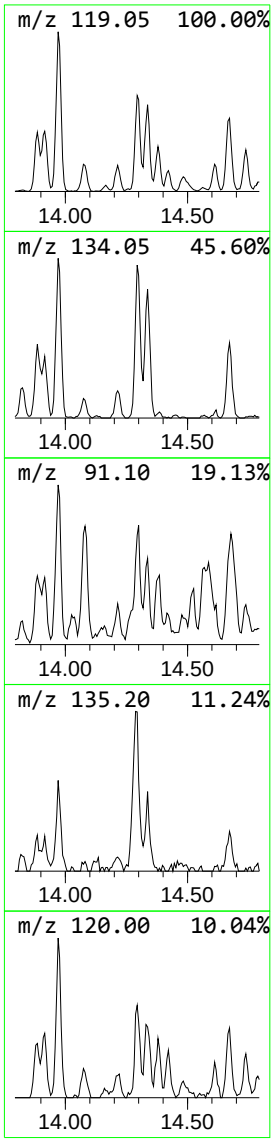
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	15.36 ug/l	195243	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	p-Cymene	134	C10H14	000099-87-6	90





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Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

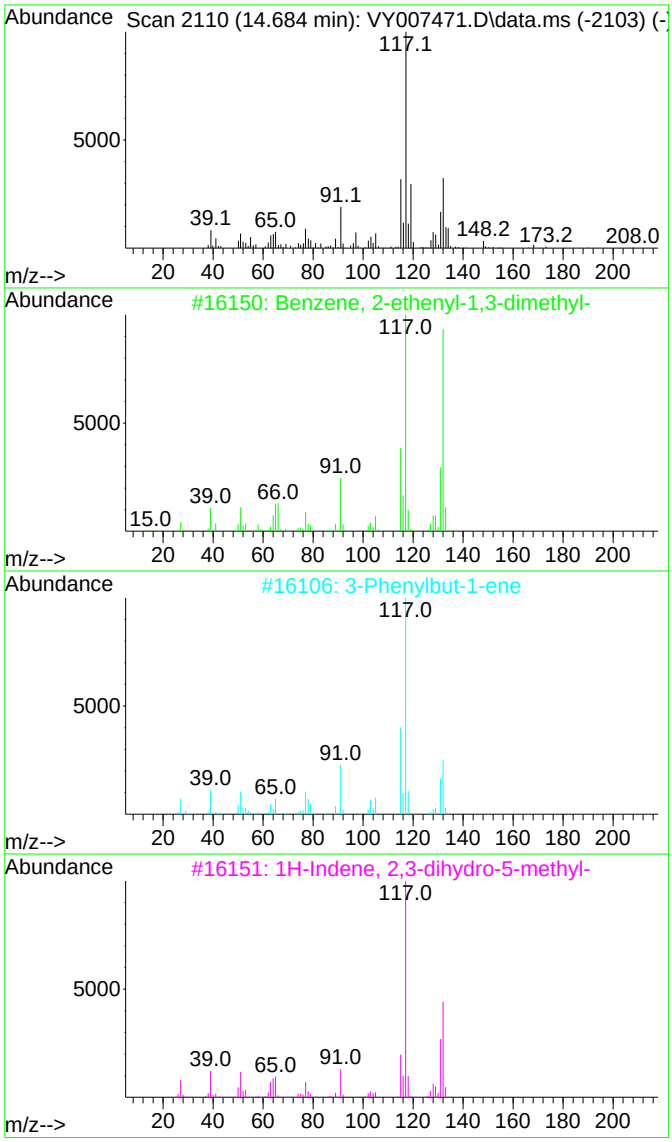
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

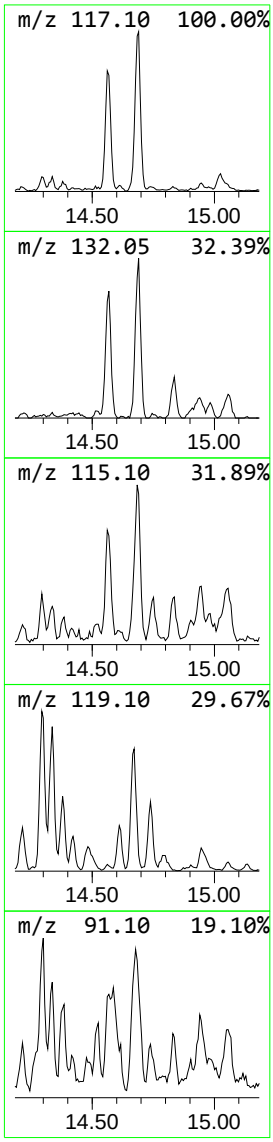
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	18.40 ug/l	233904	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

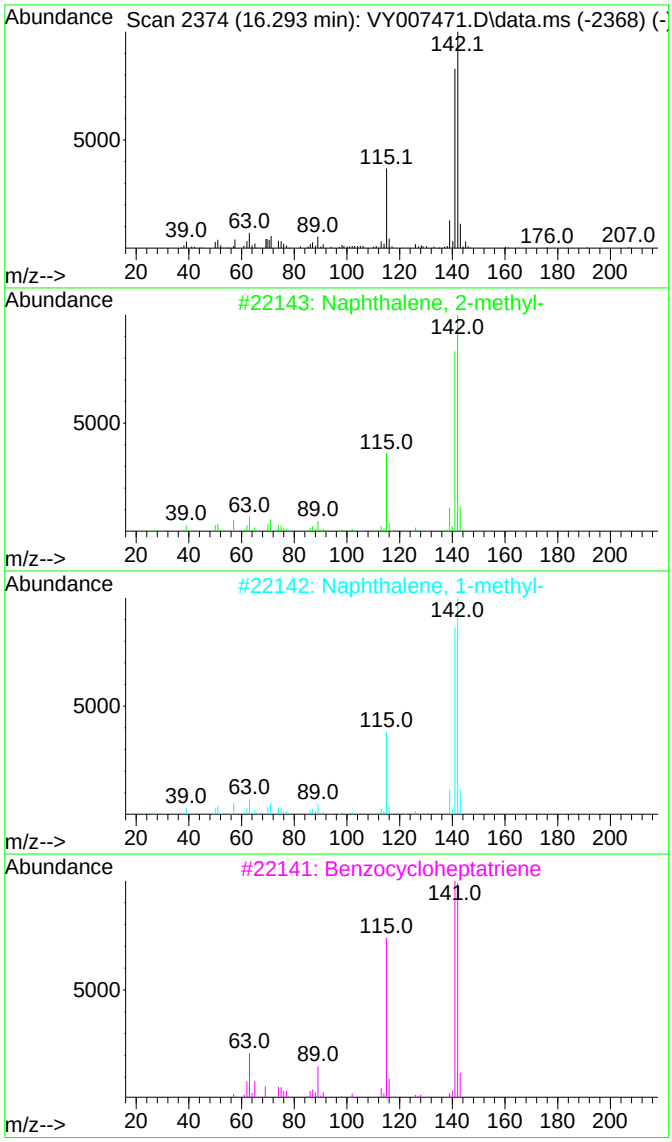
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

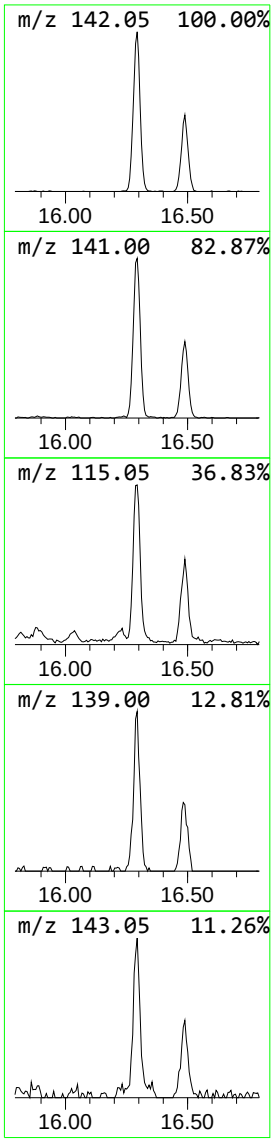
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	12.33 ug/l	156763	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007471.D
Acq On : 10 Feb 2022 15:01
Operator : SY/MD
Sample : N1465-03
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.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-	2.905	23.5	ug/l	179541	1	7.789	382435	50.0
Butane, 2,3-dim...	4.710	28.0	ug/l	214047	1	7.789	382435	50.0
Pentane, 2,3-di...	7.874	15.8	ug/l	121072	1	7.789	382435	50.0
Amylene hydrate	8.240	13.9	ug/l	131256	2	8.691	470563	50.0
Butane, 2,2,3,3...	8.331	17.7	ug/l	166616	2	8.691	470563	50.0
Pentane, 2,3,3-...	9.752	14.6	ug/l	137684	2	8.691	470563	50.0
Benzene, 1-ethy...	12.733	13.0	ug/l	164787	4	13.428	635528	50.0
Benzene, 1-ethy...	12.971	11.8	ug/l	150343	4	13.428	635528	50.0
Indane	13.629	26.5	ug/l	337348	4	13.428	635528	50.0
Benzene, 1,4-di...	13.666	15.2	ug/l	193087	4	13.428	635528	50.0
o-Cymene	13.970	19.6	ug/l	249132	4	13.428	635528	50.0
Benzene, (2-met...	14.080	12.4	ug/l	157468	4	13.428	635528	50.0
Benzene, 1,2,4,...	14.294	15.4	ug/l	195243	4	13.428	635528	50.0
Benzene, 2-ethe...	14.684	18.4	ug/l	233904	4	13.428	635528	50.0
Naphthalene, 1-...	16.293	12.3	ug/l	156763	4	13.428	635528	50.0