

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004904.D
 Acq On : 27 May 2021 16:33
 Operator : SY/MD
 Sample : M2535-07
 Misc : 4.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-3

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\82Y051021S.M

Title : SW846 8260

Signal : TIC: VY004904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.795	974	980	989	rVB	365861	861157	1.61%	0.220%
2	8.331	1059	1068	1078	rVB	914529	2206361	4.13%	0.563%
3	8.697	1119	1128	1139	rBV	594790	1167439	2.18%	0.298%
4	9.191	1196	1209	1214	rBV2	241728	539699	1.01%	0.138%
5	9.618	1271	1279	1290	rVB	1149921	2260253	4.23%	0.576%
6	9.752	1290	1301	1308	rBV	2587585	5196607	9.72%	1.325%
7	9.947	1325	1333	1348	rBV3	846266	1977191	3.70%	0.504%
8	10.118	1348	1361	1366	rVV	1141378	2073406	3.88%	0.529%
9	10.185	1366	1372	1384	rVB	1092106	2015639	3.77%	0.514%
10	10.636	1437	1446	1454	rBV2	304061	800453	1.50%	0.204%
11	10.904	1485	1490	1498	rBV	338127	641116	1.20%	0.164%
12	11.093	1515	1521	1526	rBV	672621	1132446	2.12%	0.289%
13	11.282	1543	1552	1563	rVB4	1023949	2668957	4.99%	0.681%
14	11.380	1563	1568	1573	rBV	780291	1355567	2.53%	0.346%
15	11.489	1578	1586	1591	rBV2	1522002	3459294	6.47%	0.882%
16	11.538	1591	1594	1596	rVV	411800	628500	1.18%	0.160%
17	11.569	1596	1599	1606	rVB2	715597	1110465	2.08%	0.283%
18	11.703	1612	1621	1625	rBV4	654770	1760248	3.29%	0.449%
19	11.745	1625	1628	1639	rVB3	969101	1993005	3.73%	0.508%
20	11.941	1655	1660	1664	rBV2	472760	709007	1.33%	0.181%
21	12.008	1664	1671	1677	rVV3	727583	1419954	2.66%	0.362%
22	12.123	1682	1690	1695	rVB2	1267548	2497388	4.67%	0.637%
23	12.203	1697	1703	1705	rBV3	591732	987172	1.85%	0.252%
24	12.239	1705	1709	1714	rVB3	682832	1219506	2.28%	0.311%
25	12.392	1725	1734	1735	rBV5	419311	1003642	1.88%	0.256%
26	12.416	1735	1738	1740	rVV	650739	878012	1.64%	0.224%
27	12.465	1740	1746	1753	rVB	9331065	15618634	29.20%	3.983%
28	12.526	1753	1756	1759	rBV	764054	945424	1.77%	0.241%
29	12.575	1759	1764	1768	rVB3	785709	1488041	2.78%	0.380%
30	12.629	1768	1773	1783	rVB3	2823119	7099999	13.28%	1.811%
31	12.739	1783	1791	1794	rBV3	909857	1773945	3.32%	0.452%
32	12.837	1798	1807	1814	rBV2	2370080	6343110	11.86%	1.618%
33	12.953	1822	1826	1830	rBV3	453344	803539	1.50%	0.205%
34	13.007	1831	1835	1837	rVV2	977910	1478932	2.77%	0.377%
35	13.044	1837	1841	1842	rVV	3818143	5119372	9.57%	1.306%
36	13.074	1842	1846	1851	rVV	13522029	20624172	38.56%	5.260%

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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\82Y051021S.M
 Title : SW846 8260

37	13.123	1851	1854	1858	rVB	1707468	2434760	4.55%	0.621%
38	13.178	1858	1863	1869	rBV	5302004	8337451	15.59%	2.126%
39	13.288	1873	1881	1890	rBV	23579452	41154618	76.95%	10.496%
40	13.361	1890	1893	1896	rBV2	1862200	2490859	4.66%	0.635%
41	13.404	1896	1900	1903	rVV	3824466	5961262	11.15%	1.520%
42	13.440	1903	1906	1908	rVV2	3114242	4549960	8.51%	1.160%
43	13.483	1908	1913	1923	rVB	23434382	53479719	100.00%	13.639%
44	13.568	1923	1927	1928	rBV2	494132	658958	1.23%	0.168%
45	13.599	1929	1932	1933	rBV	491568	572799	1.07%	0.146%
46	13.648	1933	1940	1947	rVV	10161125	18232939	34.09%	4.650%
47	13.757	1955	1958	1960	rBV2	685024	972722	1.82%	0.248%
48	13.788	1960	1963	1966	rVV2	2207723	3572292	6.68%	0.911%
49	13.830	1966	1970	1975	rVB	3106266	5526344	10.33%	1.409%
50	13.916	1981	1984	1987	rVB3	952717	1134841	2.12%	0.289%
51	13.971	1987	1993	1994	rVV2	2103557	3305215	6.18%	0.843%
52	13.995	1995	1997	2007	rVB3	4492872	9399807	17.58%	2.397%
53	14.080	2007	2011	2014	rBV2	1188432	1746362	3.27%	0.445%
54	14.160	2015	2024	2033	rBV4	2986469	8770733	16.40%	2.237%
55	14.245	2033	2038	2041	rBV3	1199728	2242924	4.19%	0.572%
56	14.282	2041	2044	2046	rVV4	823427	1091853	2.04%	0.278%
57	14.318	2047	2050	2056	rVV2	1574753	2692128	5.03%	0.687%
58	14.391	2056	2062	2071	rVB3	16186807	34678915	64.84%	8.844%
59	14.471	2071	2075	2079	rVB4	576510	941306	1.76%	0.240%
60	14.525	2079	2084	2088	rBV	2290647	3680410	6.88%	0.939%
61	14.568	2088	2091	2096	rVB4	1992054	2928979	5.48%	0.747%
62	14.617	2096	2099	2101	rBV2	782147	1069417	2.00%	0.273%
63	14.684	2106	2110	2113	rBV3	870931	1602641	3.00%	0.409%
64	14.727	2113	2117	2124	rVB4	1949065	4220516	7.89%	1.076%
65	14.818	2125	2132	2136	rBV2	1669550	3585027	6.70%	0.914%
66	14.946	2149	2153	2156	rBV2	897968	1250464	2.34%	0.319%
67	14.989	2156	2160	2161	rBV3	553585	723120	1.35%	0.184%
68	15.056	2167	2171	2175	rVB3	1245319	1945733	3.64%	0.496%
69	15.172	2181	2190	2194	rBV5	2452050	7150685	13.37%	1.824%
70	15.227	2194	2199	2205	rVB2	6797902	12601959	23.56%	3.214%
71	15.391	2215	2226	2237	rBV3	2299370	7959593	14.88%	2.030%
72	15.519	2242	2247	2249	rBV	1491509	2603287	4.87%	0.664%
73	15.611	2259	2262	2267	rVB4	548383	785538	1.47%	0.200%
74	15.714	2275	2279	2290	rVB	1617659	3769769	7.05%	0.961%
75	15.812	2291	2295	2300	rBV2	819089	1292643	2.42%	0.330%
76	15.903	2302	2310	2318	rVB	5144461	10168076	19.01%	2.593%

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Instrument :
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ClientSampleId :
GHOST-3

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

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Title : SW846 8260

77	15.976	2319	2322	2324	rBV3	362263	545177	1.02%	0.139%
78	16.037	2329	2332	2336	rVB	1051038	1576982	2.95%	0.402%
79	16.251	2362	2367	2371	rBV	612881	1198915	2.24%	0.306%
80	16.306	2371	2376	2385	rVB3	912815	2377025	4.44%	0.606%
81	16.488	2401	2406	2420	rVB2	430791	1261993	2.36%	0.322%

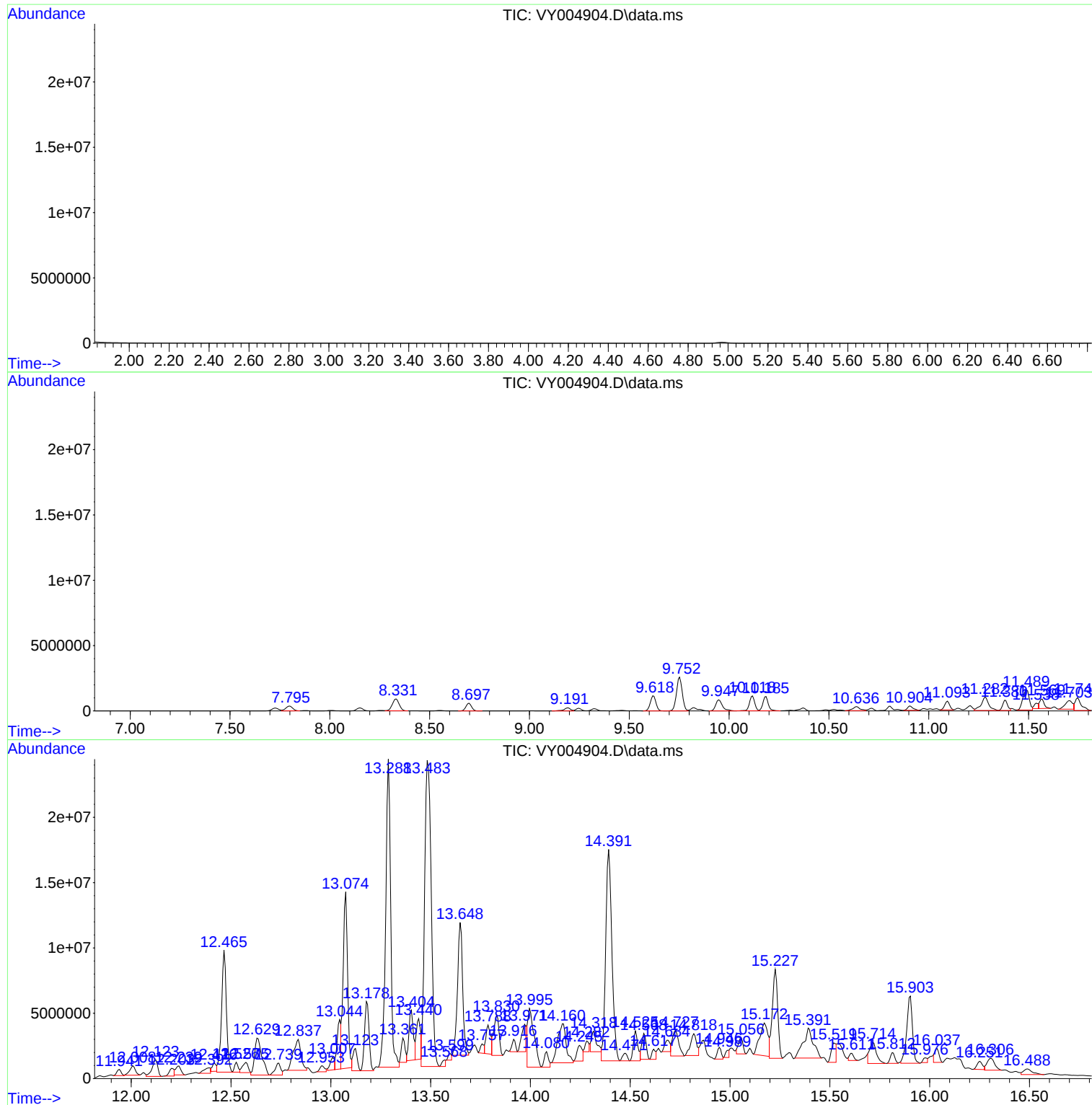
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Instrument :
MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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



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Data File : VY004904.D
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Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

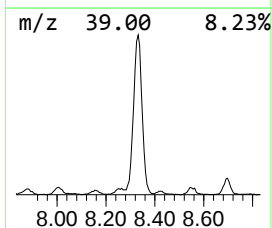
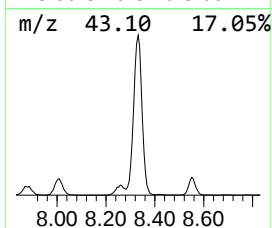
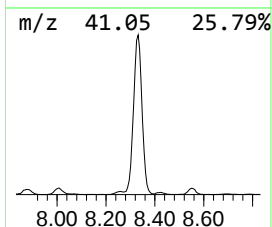
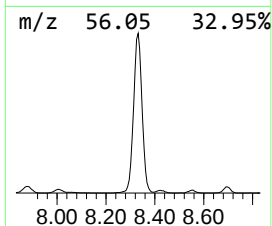
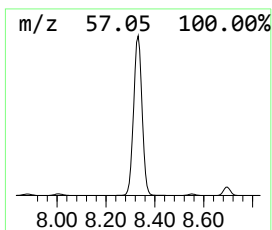
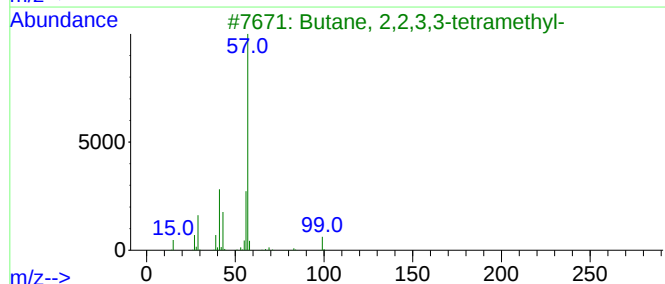
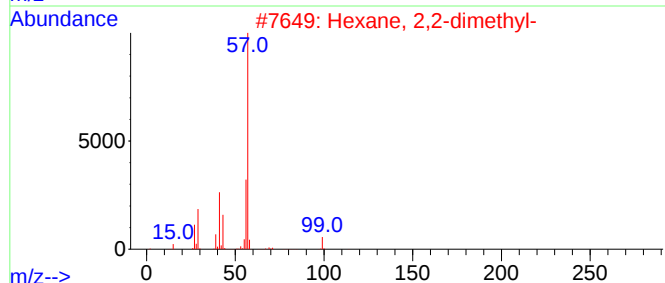
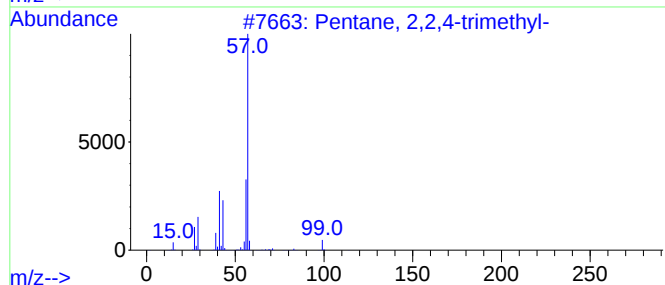
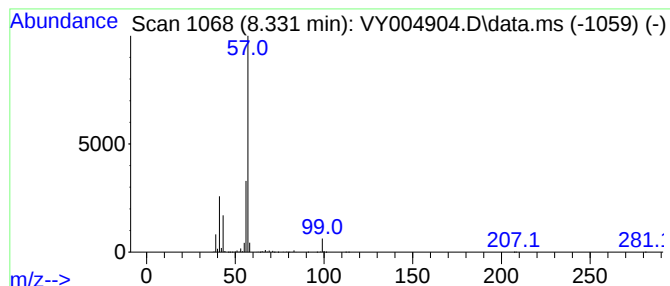
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.331	94.50 ug/l	2206360	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
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



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Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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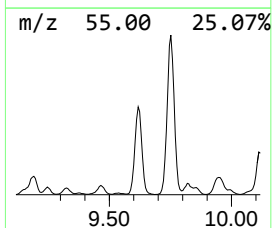
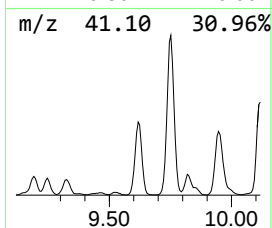
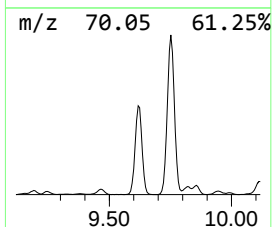
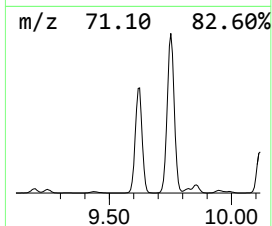
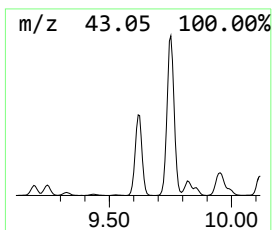
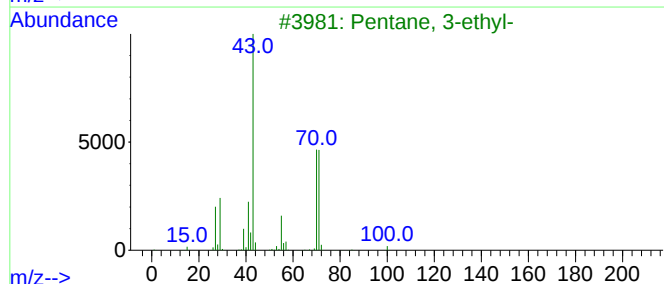
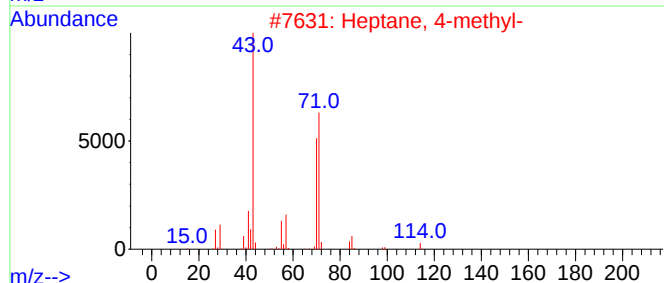
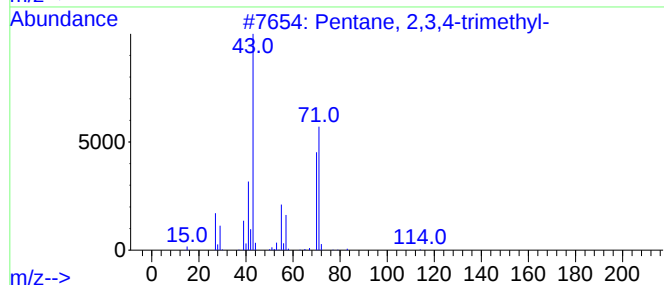
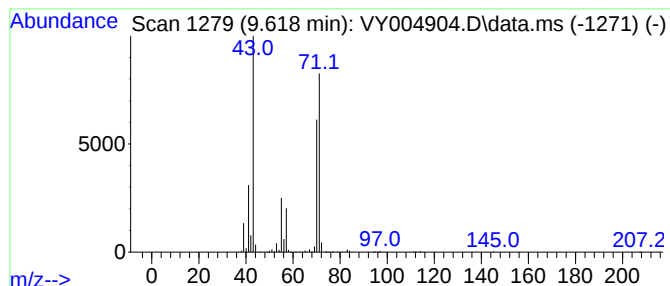
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	96.80 ug/l	2260250	1,4-Difluorobenzene	8.697

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, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64



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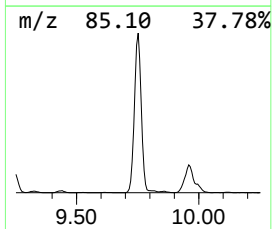
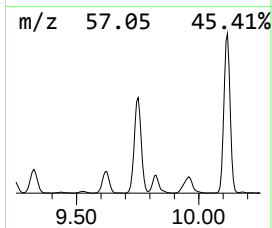
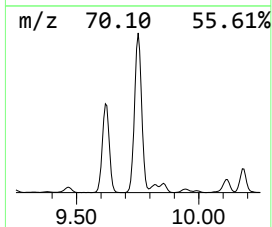
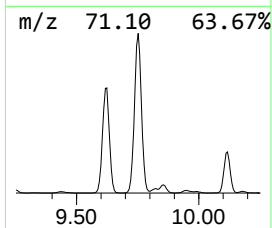
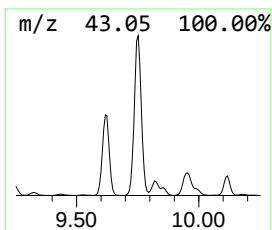
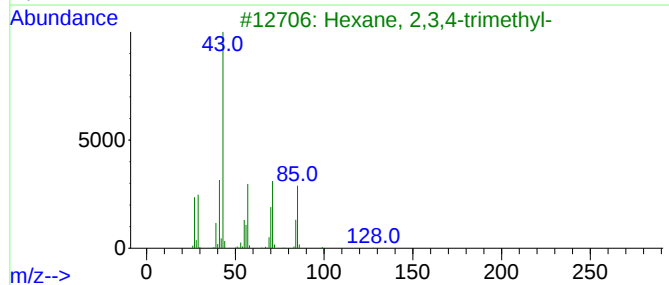
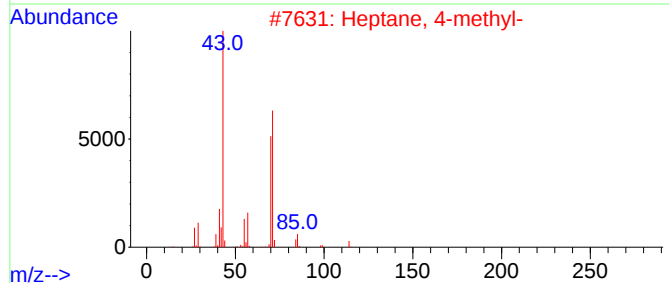
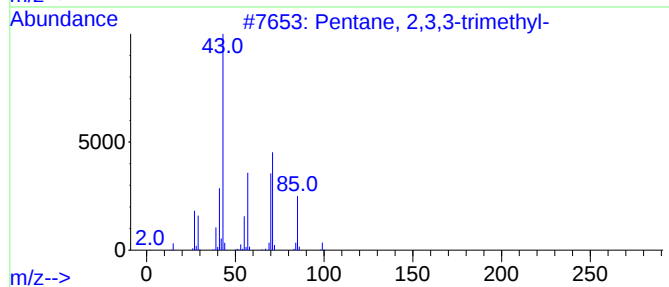
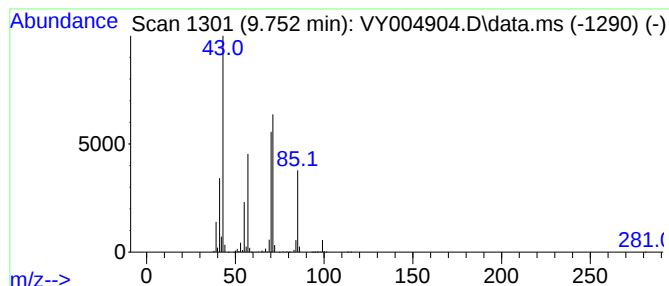
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	222.56 ug/l	5196610	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



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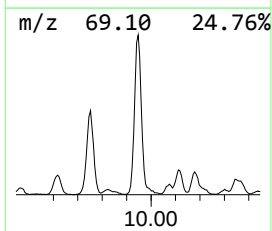
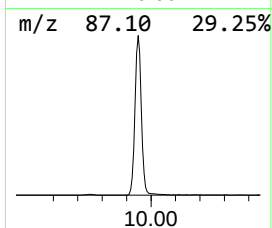
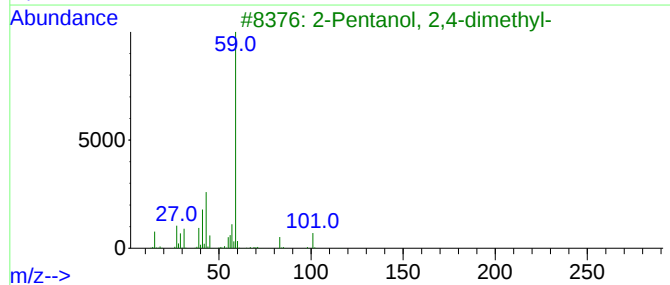
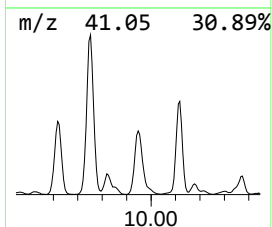
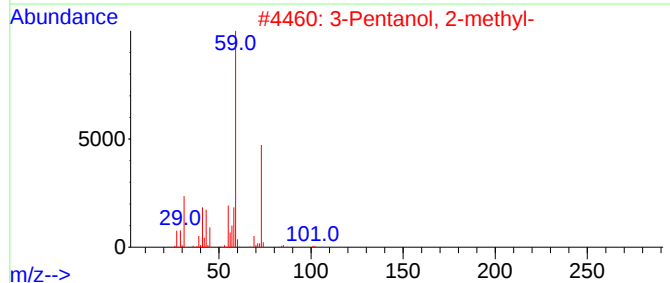
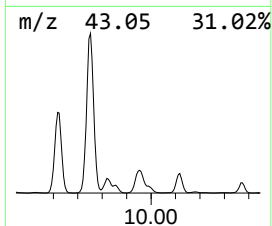
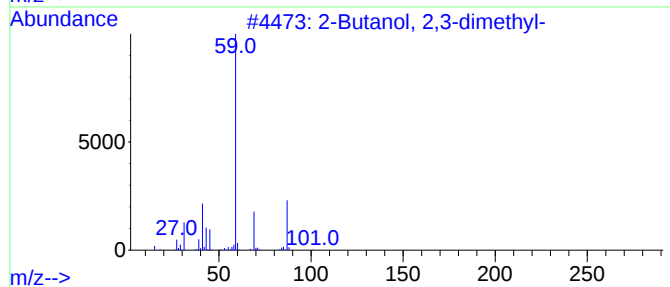
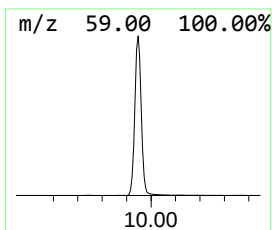
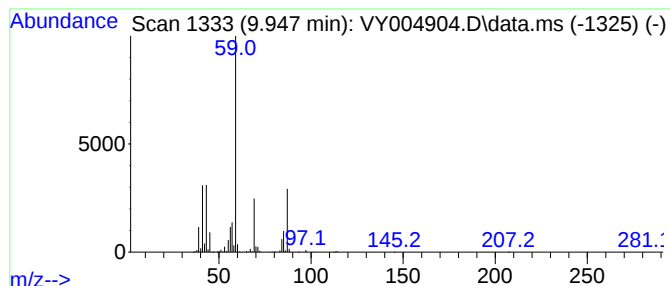
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Quant Title : SW846 8260

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

Peak Number 4 2-Butanol, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.947	84.68 ug/l	1977190	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-			102	C6H14O	000594-60-5	64
2	3-Pentanol, 2-methyl-			102	C6H14O	000565-67-3	59
3	2-Pentanol, 2,4-dimethyl-			116	C7H16O	000625-06-9	59
4	Propane, 1-ethoxy-			88	C5H12O	000628-32-0	52
5	Hexylene glycol			118	C6H14O2	000107-41-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

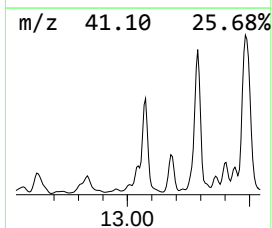
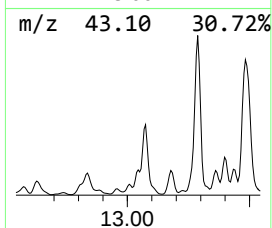
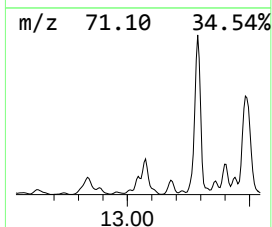
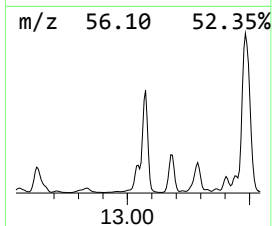
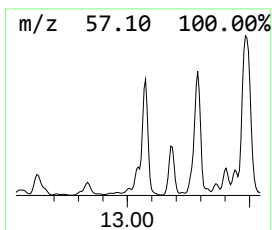
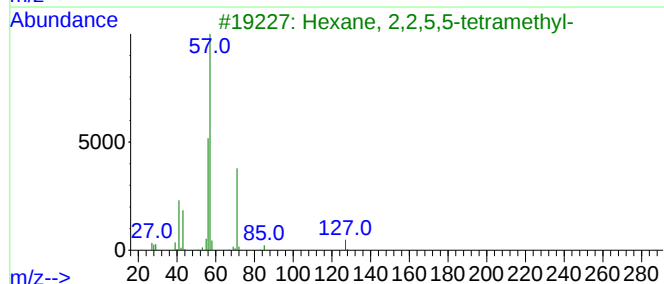
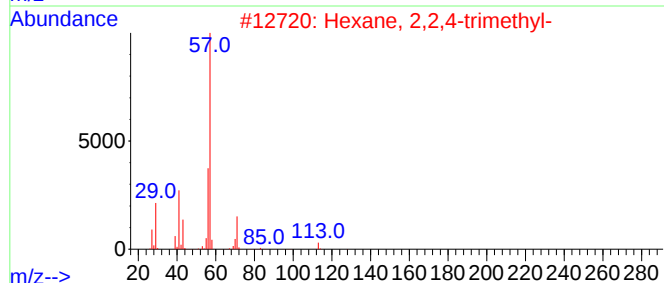
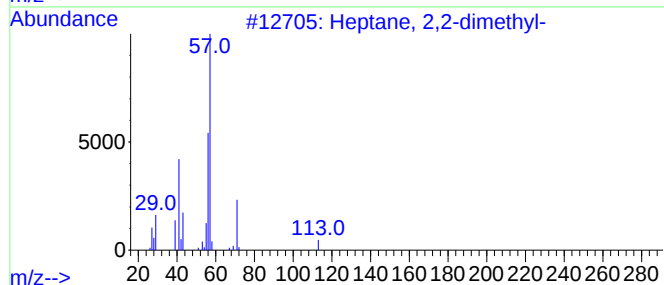
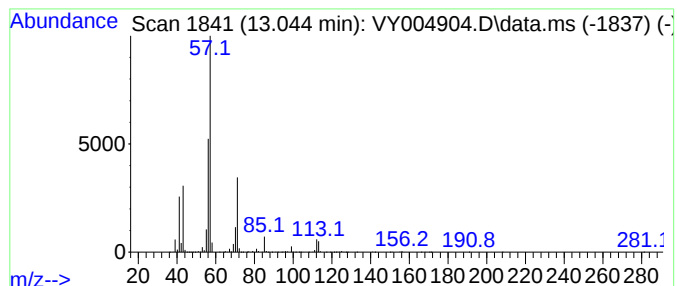
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Quant Title : SW846 8260

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

Peak Number 5 Heptane, 2,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	56.26 ug/l	5119370	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

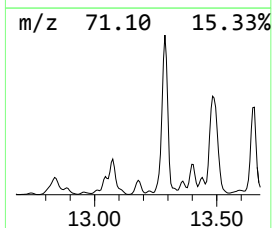
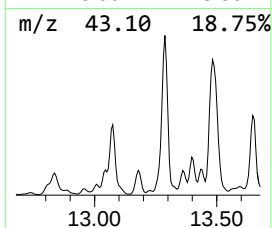
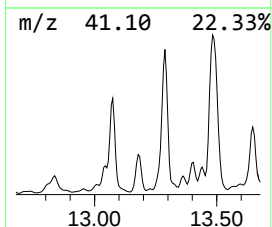
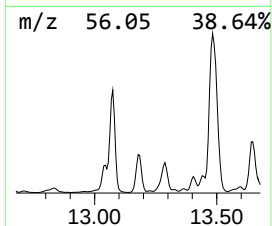
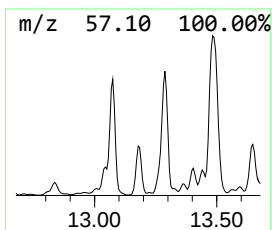
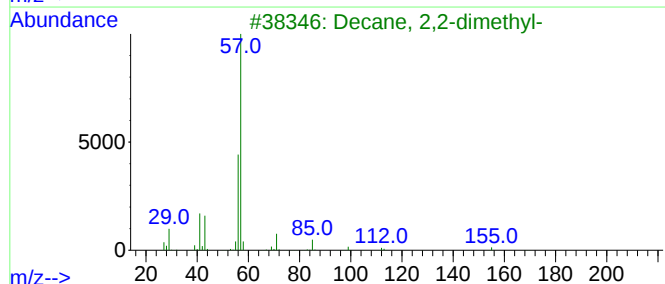
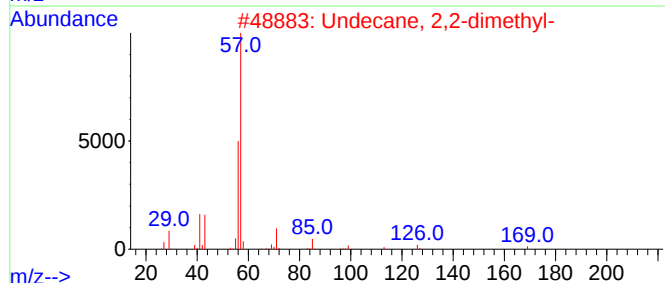
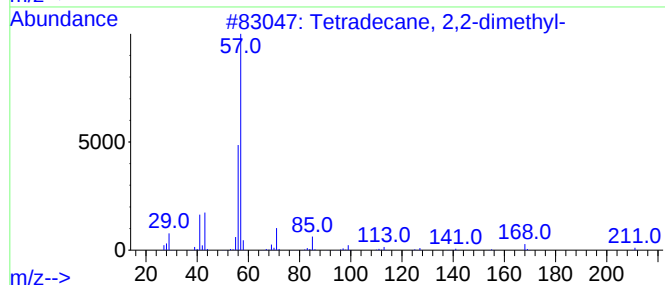
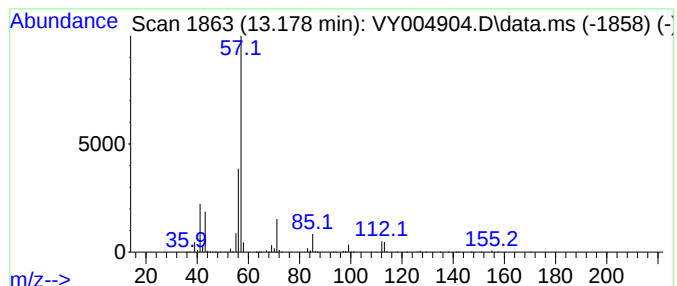
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Quant Title : SW846 8260

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

Peak Number 6 Tetradecane, 2,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.178	91.62 ug/l	8337450	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
2			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	78
3			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
5			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

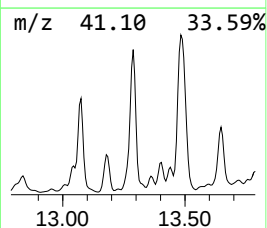
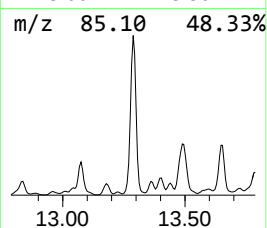
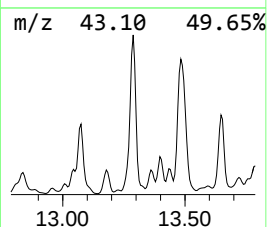
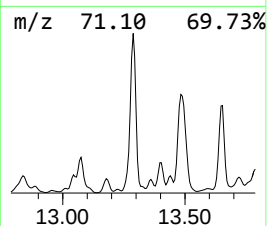
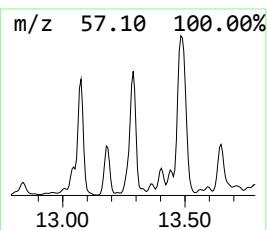
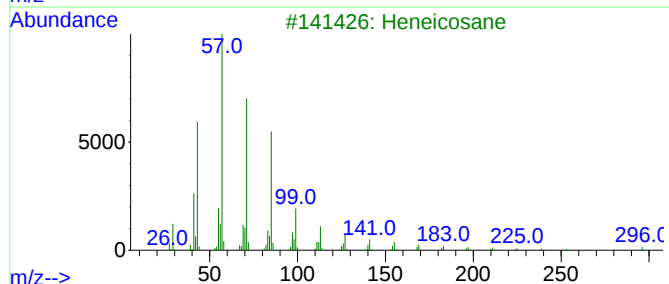
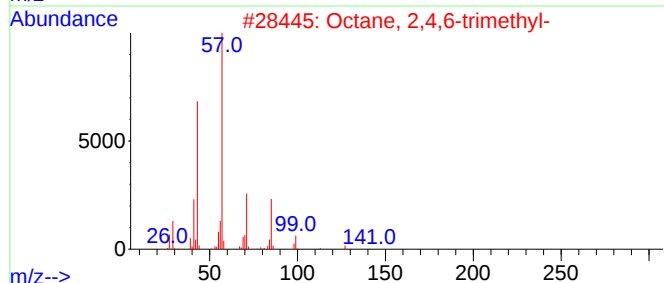
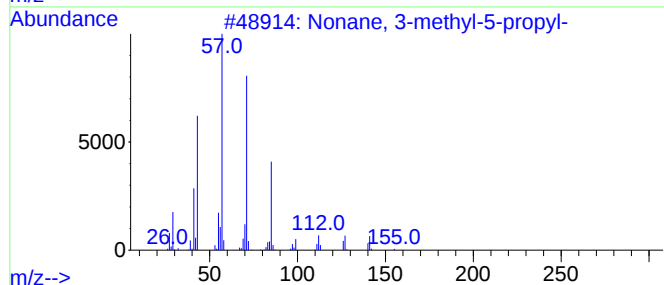
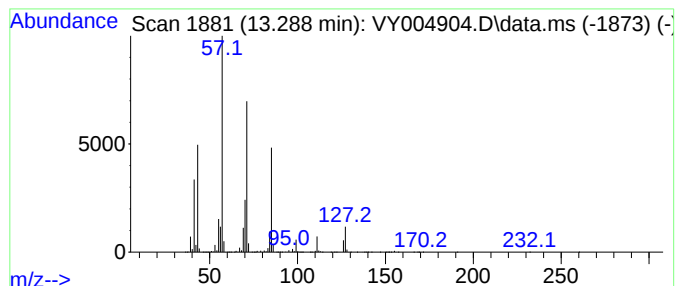
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Quant Title : SW846 8260

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

Peak Number 7 Nonane, 3-methyl-5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	452.25 ug/l	41154600	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3			Heneicosane	296	C21H44	000629-94-7	72
4			Heptadecane	240	C17H36	000629-78-7	64
5			Octadecane	254	C18H38	000593-45-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

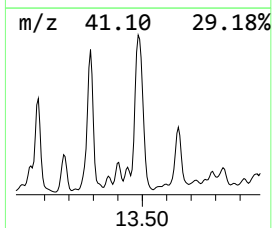
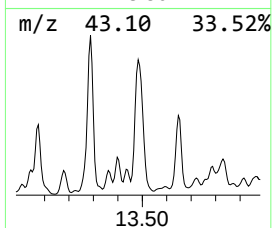
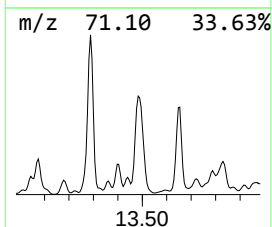
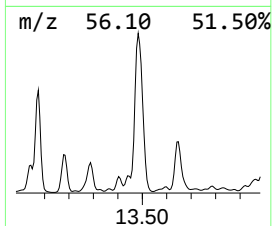
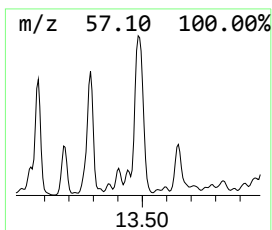
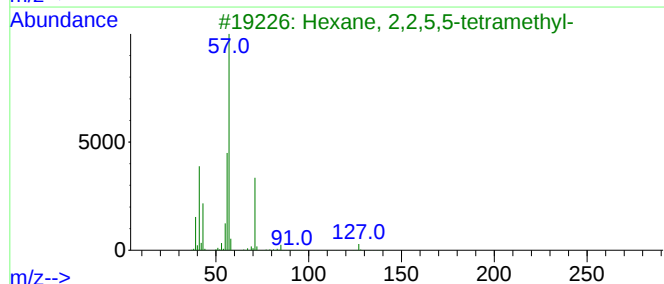
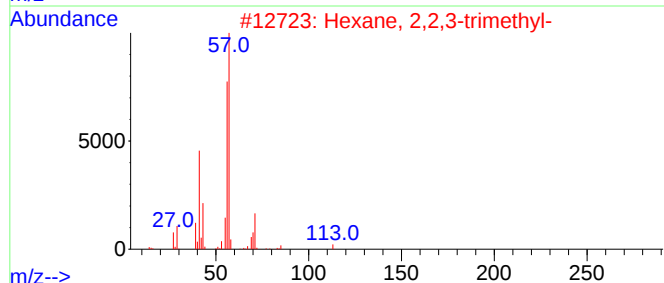
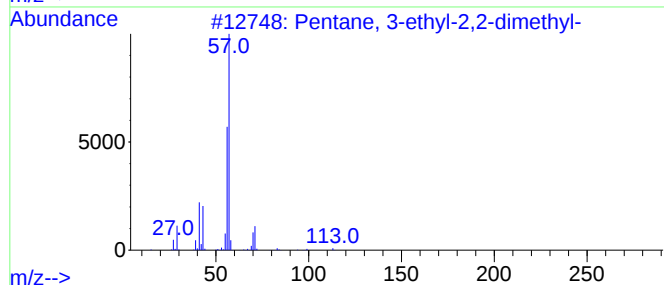
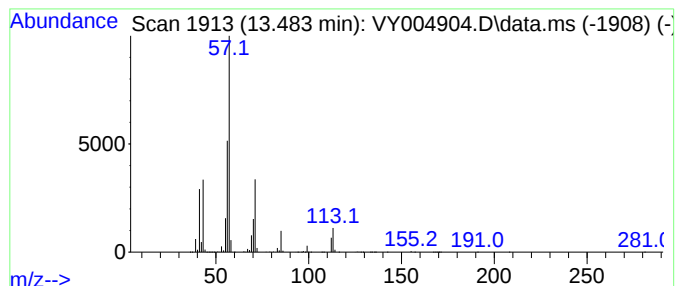
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Quant Title : SW846 8260

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

Peak Number 8 Pentane, 3-ethyl-2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	587.69 ug/l	53479700	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

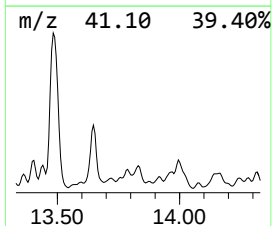
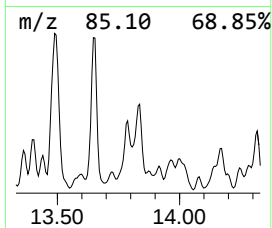
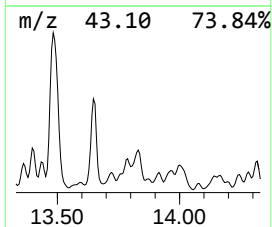
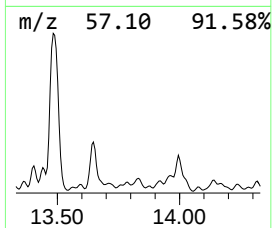
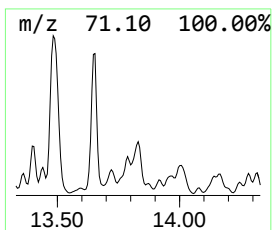
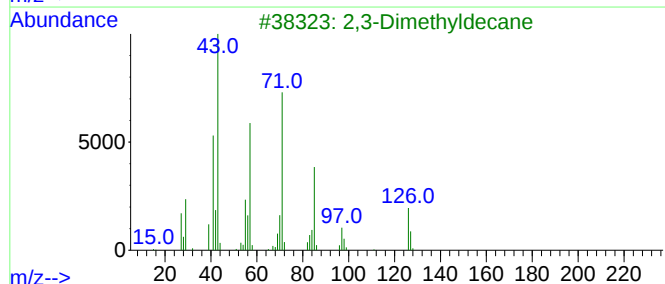
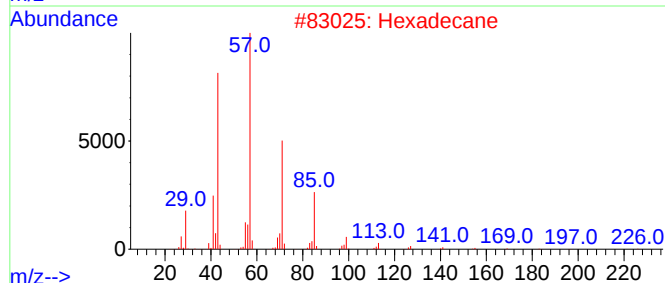
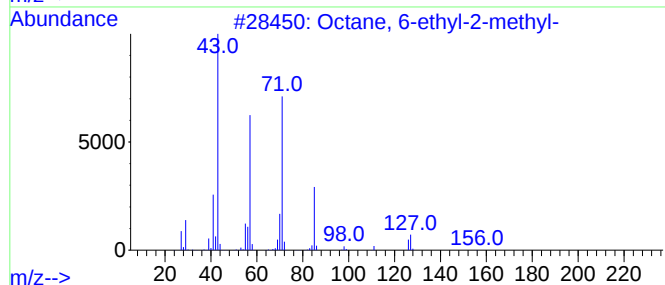
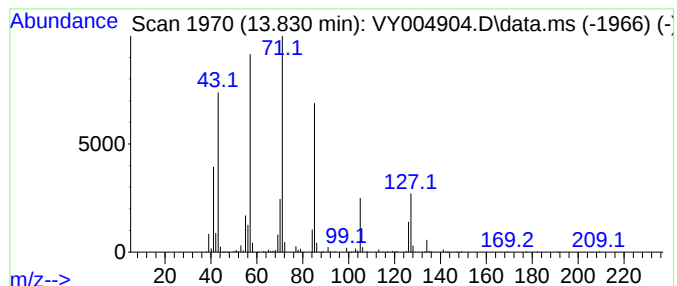
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Quant Title : SW846 8260

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

Peak Number 9 Octane, 6-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.830	60.73 ug/l	5526340	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
2			Hexadecane	226	C16H34	000544-76-3	59
3			2,3-Dimethyldecane	170	C12H26	017312-44-6	53
4			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
5			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

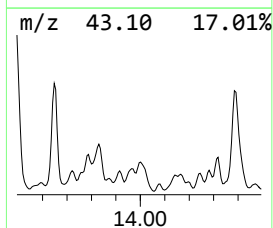
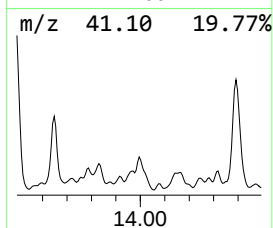
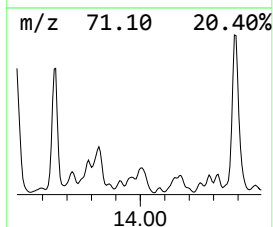
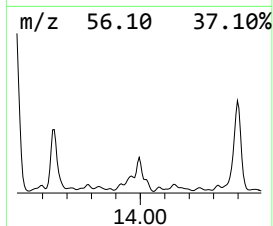
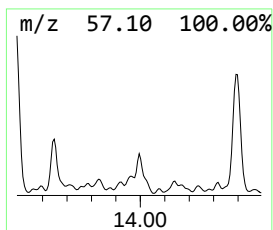
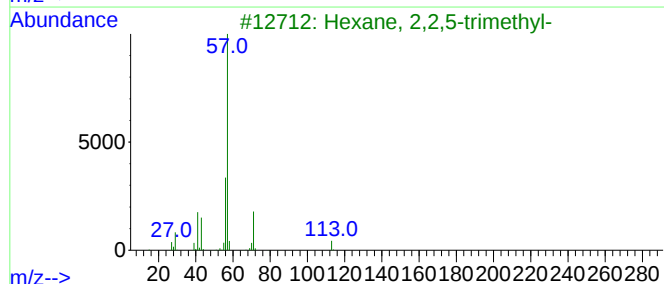
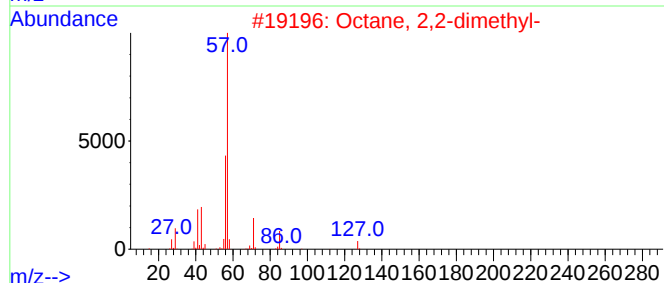
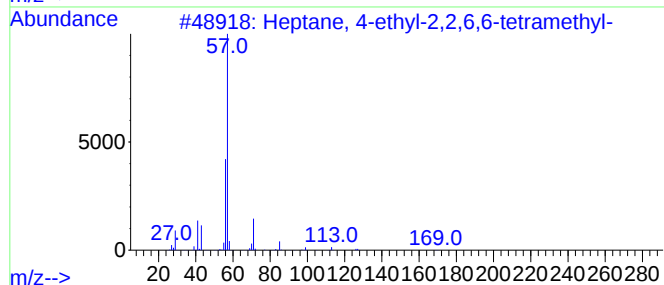
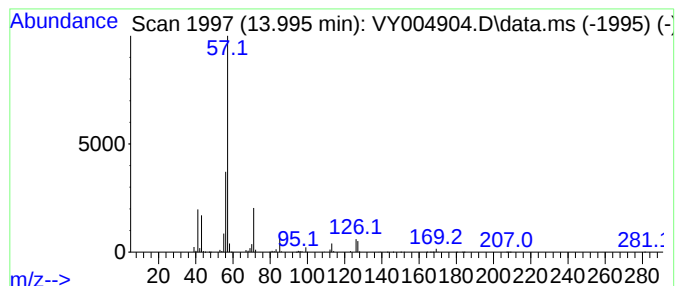
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Quant Title : SW846 8260

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

Peak Number 10 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.995	103.30 ug/l	9399810	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	53
5		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

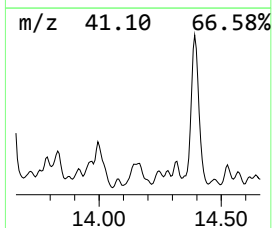
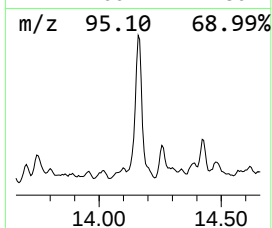
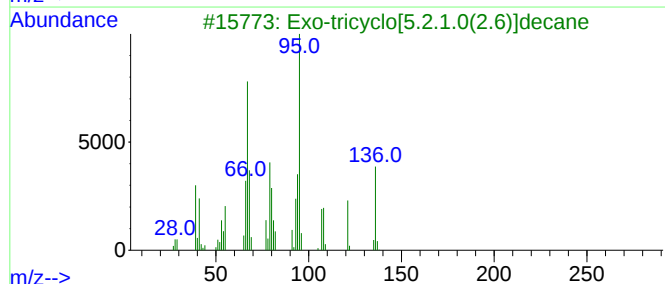
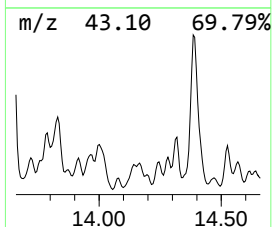
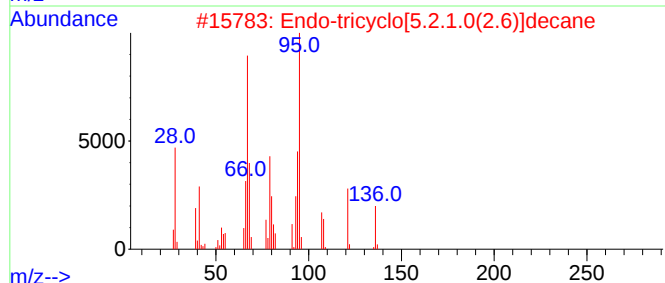
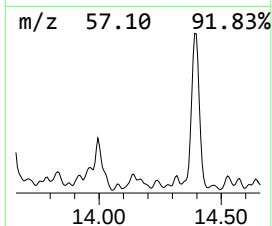
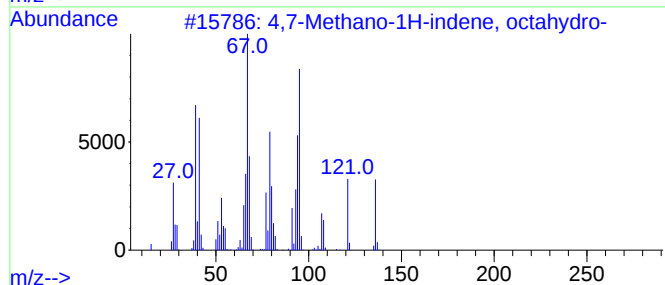
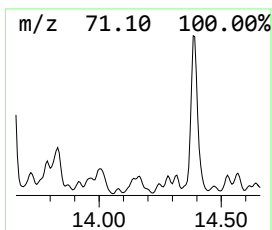
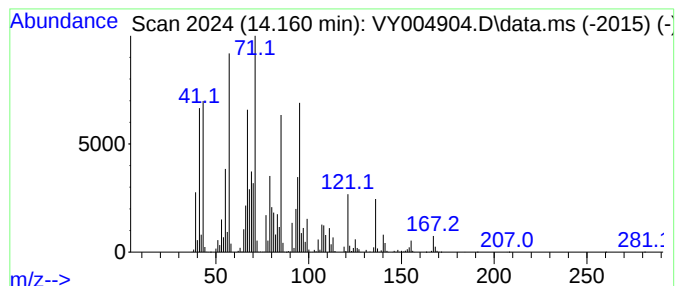
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Quant Title : SW846 8260

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

Peak Number 11 4,7-Methano-1H-indene, octa... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.160	96.38 ug/l	8770730	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	96
2			Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	92
3			Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	90
4			3-Cyclopentylcyclopentene	136	C10H16	002690-17-7	55
5			1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

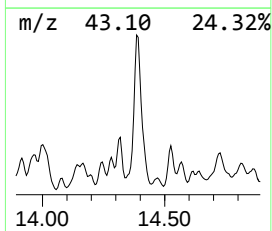
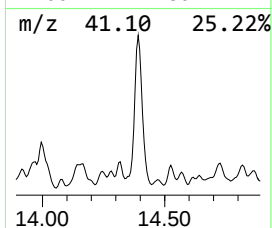
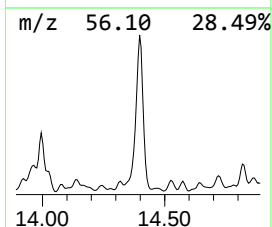
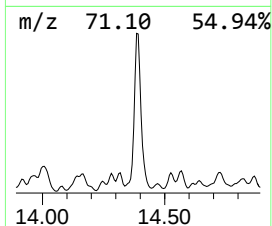
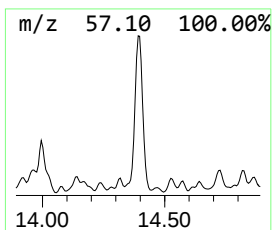
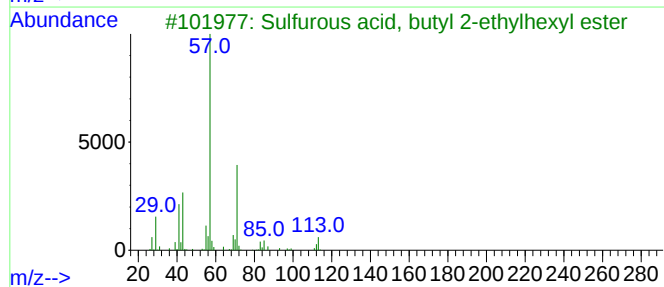
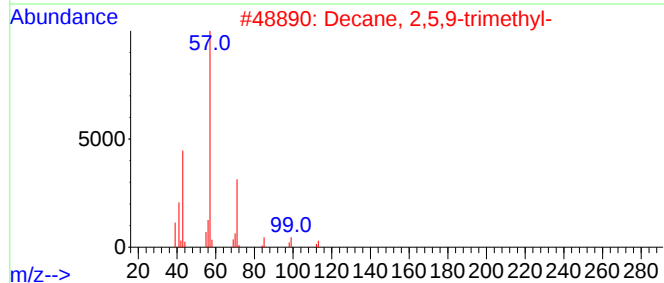
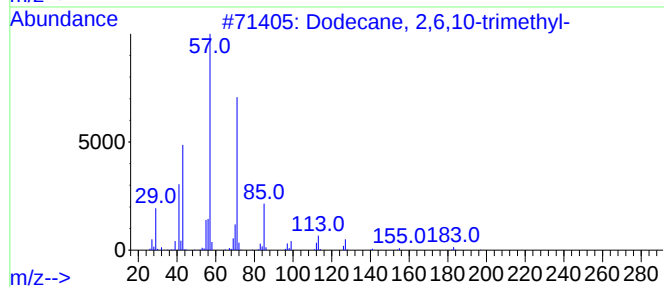
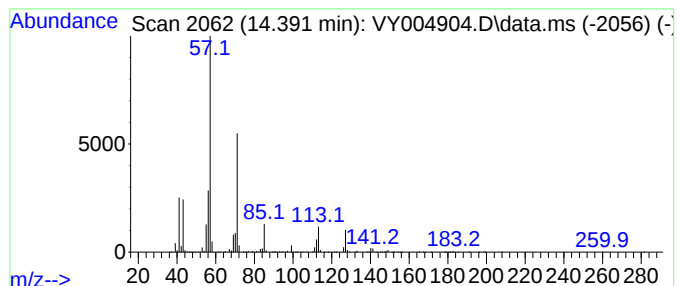
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Quant Title : SW846 8260

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

Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.391	381.09 ug/l	34678900	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
3			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
5			Nonane, 5-propyl-	170	C12H26	000998-35-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

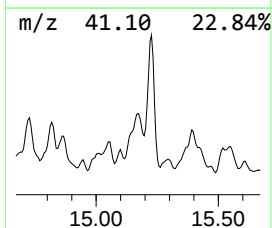
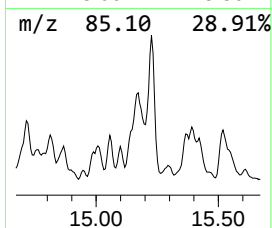
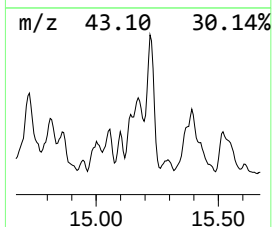
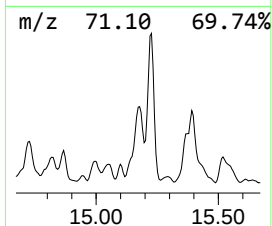
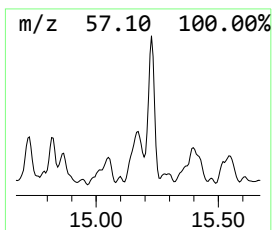
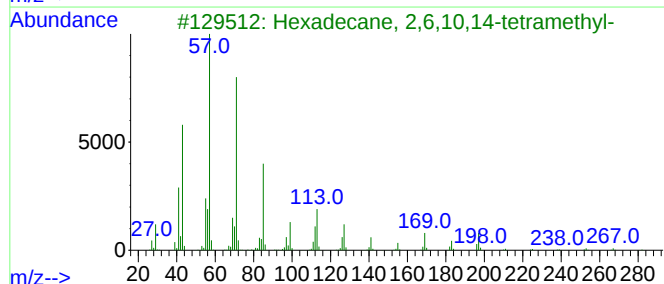
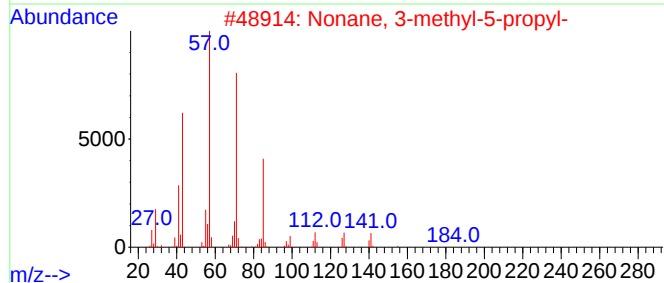
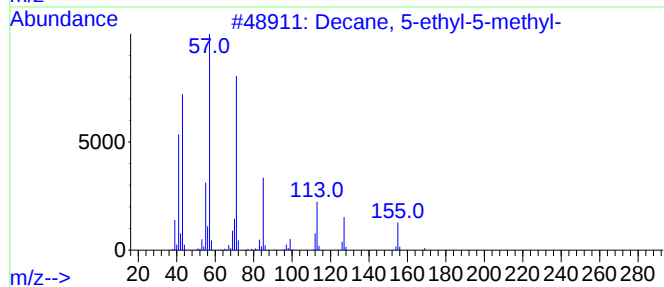
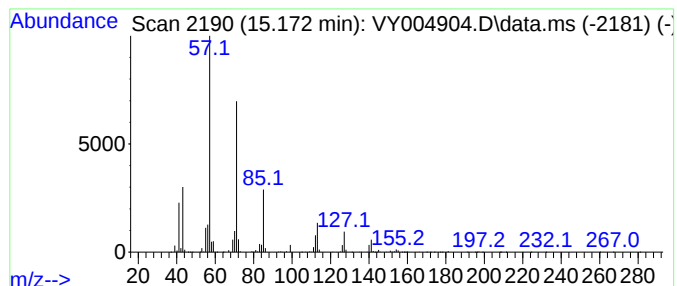
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Quant Title : SW846 8260

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

Peak Number 13 Decane, 5-ethyl-5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.172	78.58 ug/l	7150690	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

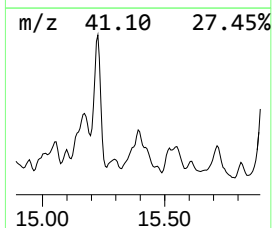
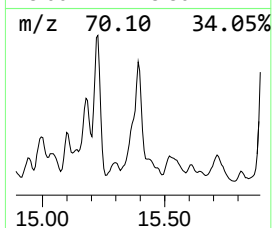
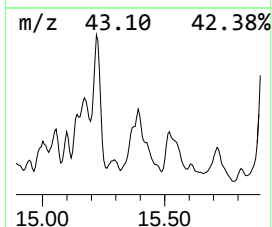
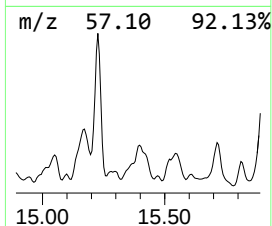
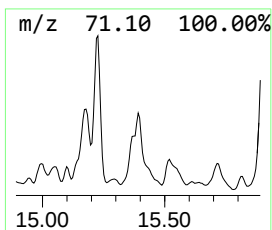
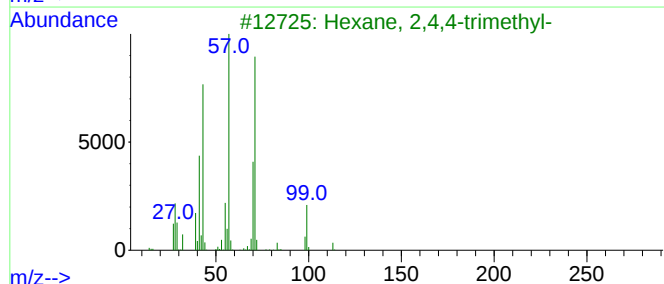
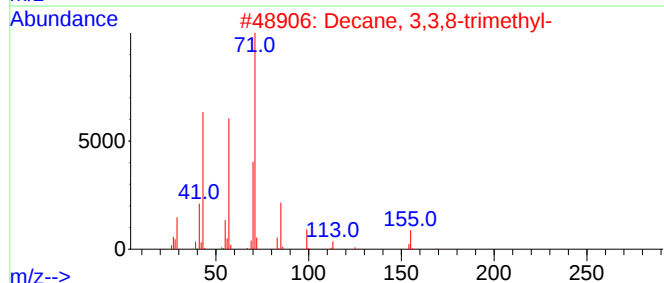
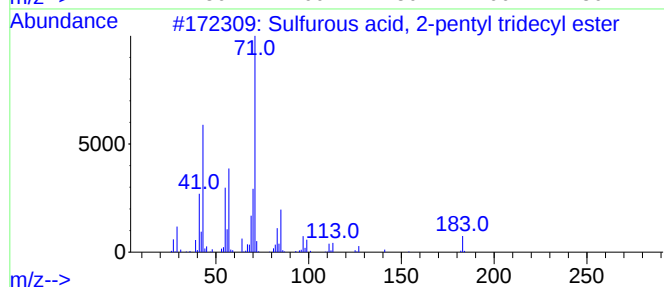
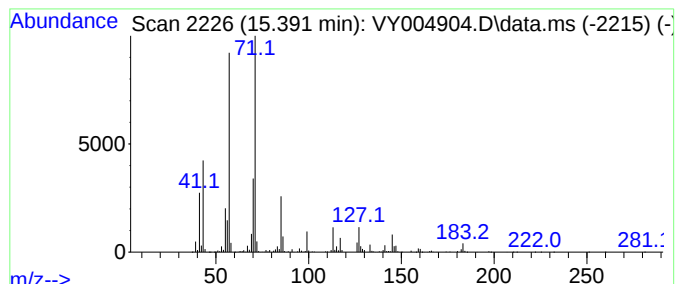
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Quant Title : SW846 8260

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

Peak Number 14 Sulfurous acid, 2-pentyl tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	87.47 ug/l	7959590	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-pentyl tridecyl...	334	C18H38O3S	1000309-16-2	59
2			Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	59
3			Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53
4			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50
5			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

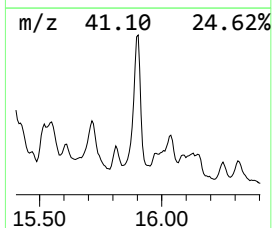
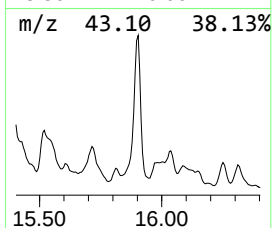
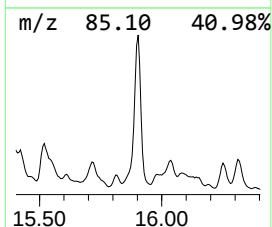
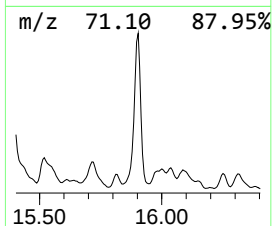
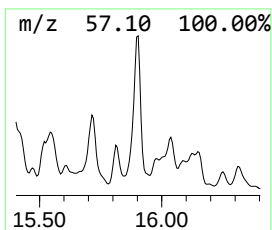
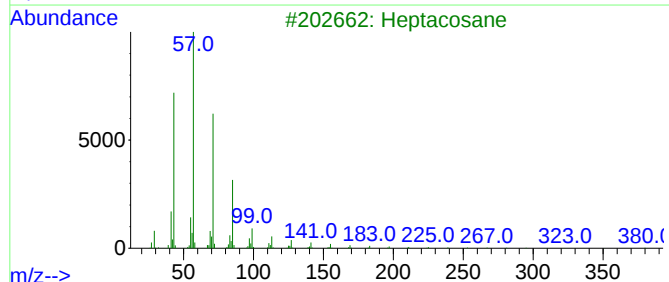
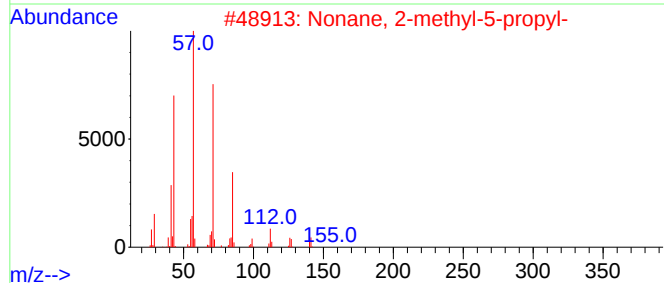
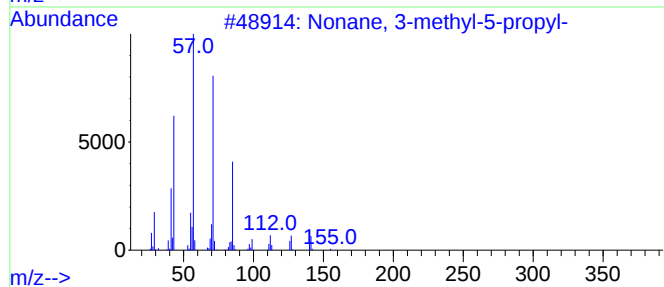
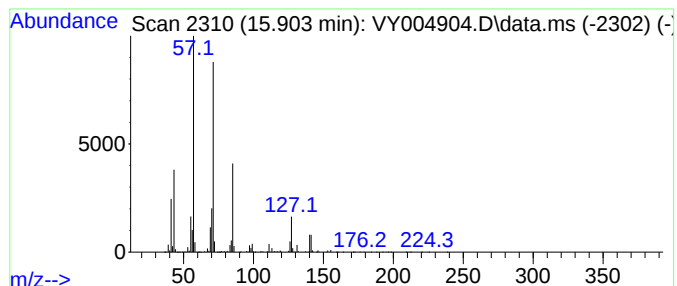
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Quant Title : SW846 8260

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

Peak Number 15 Nonane, 2-methyl-5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.903	111.74 ug/l	10168100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	86
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
3			Heptacosane	380	C27H56	000593-49-7	64
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5			5-Ethyldecane	170	C12H26	017302-36-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004904.D
Acq On : 27 May 2021 16:33
Operator : SY/MD
Sample : M2535-07
Misc : 4.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Pentane, 2,3,4-...	9.618	96.8	ug/l	2260250	2	8.697	1167440	50.0
Pentane, 2,3,3-...	9.752	222.6	ug/l	5196610	2	8.697	1167440	50.0
2-Butanol, 2,3-...	9.947	84.7	ug/l	1977190	2	8.697	1167440	50.0
Heptane, 2,2-di...	13.044	56.3	ug/l	5119370	4	13.428	4549960	50.0
Tetradecane, 2,...	13.178	91.6	ug/l	8337450	4	13.428	4549960	50.0
Nonane, 3-methy...	13.288	452.3	ug/l	41154600	4	13.428	4549960	50.0
Pentane, 3-ethy...	13.483	587.7	ug/l	53479700	4	13.428	4549960	50.0
Octane, 6-ethyl...	13.830	60.7	ug/l	5526340	4	13.428	4549960	50.0
Heptane, 4-ethy...	13.995	103.3	ug/l	9399810	4	13.428	4549960	50.0
4,7-Methano-1H-...	14.160	96.4	ug/l	8770730	4	13.428	4549960	50.0
Dodecane, 2,6,1...	14.391	381.1	ug/l	34678900	4	13.428	4549960	50.0
Decane, 5-ethyl...	15.172	78.6	ug/l	7150690	4	13.428	4549960	50.0
Sulfurous acid,...	15.391	87.5	ug/l	7959590	4	13.428	4549960	50.0
Nonane, 2-methy...	15.903	111.7	ug/l	10168100	4	13.428	4549960	50.0