

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007584.D
 Acq On : 22 Feb 2022 15:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

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\82Y022122S.M
 Title : SW846 8260

Signal : TIC: VY007584.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	466	475	485	rBB4	2385	5540	1.34%	0.097%
2	7.716	958	967	973	rBV	56456	131057	31.68%	2.290%
3	7.789	973	979	989	rVB	89263	200442	48.46%	3.503%
4	8.142	1028	1037	1047	rBB2	48326	104007	25.14%	1.818%
5	8.691	1116	1127	1136	rBV	129408	254302	61.48%	4.444%
6	10.179	1363	1371	1379	rBV	205482	350642	84.77%	6.127%
7	10.581	1429	1437	1446	rVB3	12558	23155	5.60%	0.405%
8	11.276	1545	1551	1561	rVB6	1655	4186	1.01%	0.073%
9	11.489	1578	1586	1596	rBB	217434	350573	84.75%	6.126%
10	11.709	1612	1622	1630	rBV6	12010	25950	6.27%	0.453%
11	12.020	1663	1673	1678	rBV6	4386	12569	3.04%	0.220%
12	12.123	1682	1690	1694	rBV4	3746	5728	1.38%	0.100%
13	12.239	1705	1709	1714	rVB4	4039	7685	1.86%	0.134%
14	12.416	1727	1738	1739	rBV4	6156	13533	3.27%	0.236%
15	12.477	1743	1748	1759	rVB	197880	331226	80.07%	5.788%
16	12.672	1772	1780	1783	rVB2	5231	12490	3.02%	0.218%
17	12.733	1783	1790	1793	rBV	18113	31311	7.57%	0.547%
18	12.770	1793	1796	1797	rVV2	7660	9359	2.26%	0.164%
19	12.806	1797	1802	1807	rVB2	69869	111742	27.01%	1.953%
20	12.861	1807	1811	1816	rVB4	7204	10827	2.62%	0.189%
21	12.971	1822	1829	1832	rBV3	9408	20477	4.95%	0.358%
22	13.038	1836	1840	1846	rVB3	20029	30800	7.45%	0.538%
23	13.117	1846	1853	1858	rBV2	41774	67254	16.26%	1.175%
24	13.166	1858	1861	1864	rBV2	4469	4563	1.10%	0.080%
25	13.221	1867	1870	1871	rBV2	4921	5330	1.29%	0.093%
26	13.245	1872	1874	1878	rVB4	7463	9347	2.26%	0.163%
27	13.312	1878	1885	1890	rBV5	24728	52837	12.77%	0.923%
28	13.361	1890	1893	1896	rBV2	14279	17948	4.34%	0.314%
29	13.422	1896	1903	1912	rVB	242778	413656	100.00%	7.229%
30	13.501	1912	1916	1920	rVB	18591	24427	5.91%	0.427%
31	13.562	1920	1926	1928	rBV7	5621	10633	2.57%	0.186%
32	13.623	1928	1936	1939	rBV2	33592	56763	13.72%	0.992%
33	13.666	1939	1943	1947	rBV2	21646	35660	8.62%	0.623%
34	13.751	1951	1957	1961	rBV	158628	226974	54.87%	3.966%
35	13.788	1961	1963	1966	rBV3	8430	10229	2.47%	0.179%
36	13.824	1966	1969	1975	rVB2	9976	15228	3.68%	0.266%

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Integration Parameters: RTEINT.P

Integrator: RTE

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Filtering: 5

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Peak separation: 5

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37	13.885	1975	1979	1980	rBV2	10720	14316	3.46%	0.250%
38	13.916	1980	1984	1988	rVB4	23902	34224	8.27%	0.598%
39	13.965	1988	1992	1997	rVB2	39791	61828	14.95%	1.080%
40	14.013	1997	2000	2005	rVB5	15062	23418	5.66%	0.409%
41	14.074	2005	2010	2015	rBV2	41613	65532	15.84%	1.145%
42	14.141	2015	2021	2027	rBV6	15955	40127	9.70%	0.701%
43	14.257	2027	2040	2045	rBV9	60626	186395	45.06%	3.257%
44	14.379	2056	2060	2063	rBV3	37601	51941	12.56%	0.908%
45	14.416	2063	2066	2071	rVB3	34217	47357	11.45%	0.828%
46	14.477	2072	2076	2079	rVV5	17848	27764	6.71%	0.485%
47	14.519	2079	2083	2086	rVV2	25155	38349	9.27%	0.670%
48	14.562	2086	2090	2092	rVV	35053	53720	12.99%	0.939%
49	14.611	2093	2098	2103	rVV2	156556	237382	57.39%	4.148%
50	14.678	2103	2109	2114	rVV5	84119	190094	45.95%	3.322%
51	14.727	2114	2117	2124	rVB4	66117	112239	27.13%	1.961%
52	14.830	2130	2134	2140	rVB	49610	80570	19.48%	1.408%
53	14.903	2144	2146	2147	rBV	8071	6971	1.69%	0.122%
54	14.940	2147	2152	2156	rVB4	33558	46594	11.26%	0.814%
55	14.977	2156	2158	2163	rVB2	9740	12329	2.98%	0.215%
56	15.056	2164	2171	2175	rBV4	34761	78861	19.06%	1.378%
57	15.208	2191	2196	2200	rBV3	41207	83369	20.15%	1.457%
58	15.294	2205	2210	2213	rVB2	36151	51090	12.35%	0.893%
59	15.348	2213	2219	2223	rBV5	41344	84500	20.43%	1.477%
60	15.434	2228	2233	2241	rVB3	107166	185158	44.76%	3.236%
61	15.525	2241	2248	2255	rBV5	36775	97975	23.69%	1.712%
62	15.604	2255	2261	2265	rVB5	21540	40592	9.81%	0.709%
63	15.684	2267	2274	2276	rBV6	23134	46181	11.16%	0.807%
64	15.726	2276	2281	2289	rVB	85505	159310	38.51%	2.784%
65	15.812	2292	2295	2301	rVB7	11251	21313	5.15%	0.372%
66	15.885	2301	2307	2323	rVB8	24129	81167	19.62%	1.418%
67	16.031	2324	2331	2336	rBV5	48109	104855	25.35%	1.832%
68	16.153	2348	2351	2356	rBV6	9605	11916	2.88%	0.208%
69	16.226	2357	2363	2368	rVV	53385	108575	26.25%	1.897%
70	16.287	2368	2373	2378	rVV2	34295	68011	16.44%	1.188%
71	16.354	2380	2384	2391	rVB2	33757	64484	15.59%	1.127%
72	16.488	2399	2406	2411	rBV8	20370	59011	14.27%	1.031%
73	16.623	2420	2428	2436	rVB6	17061	46490	11.24%	0.812%

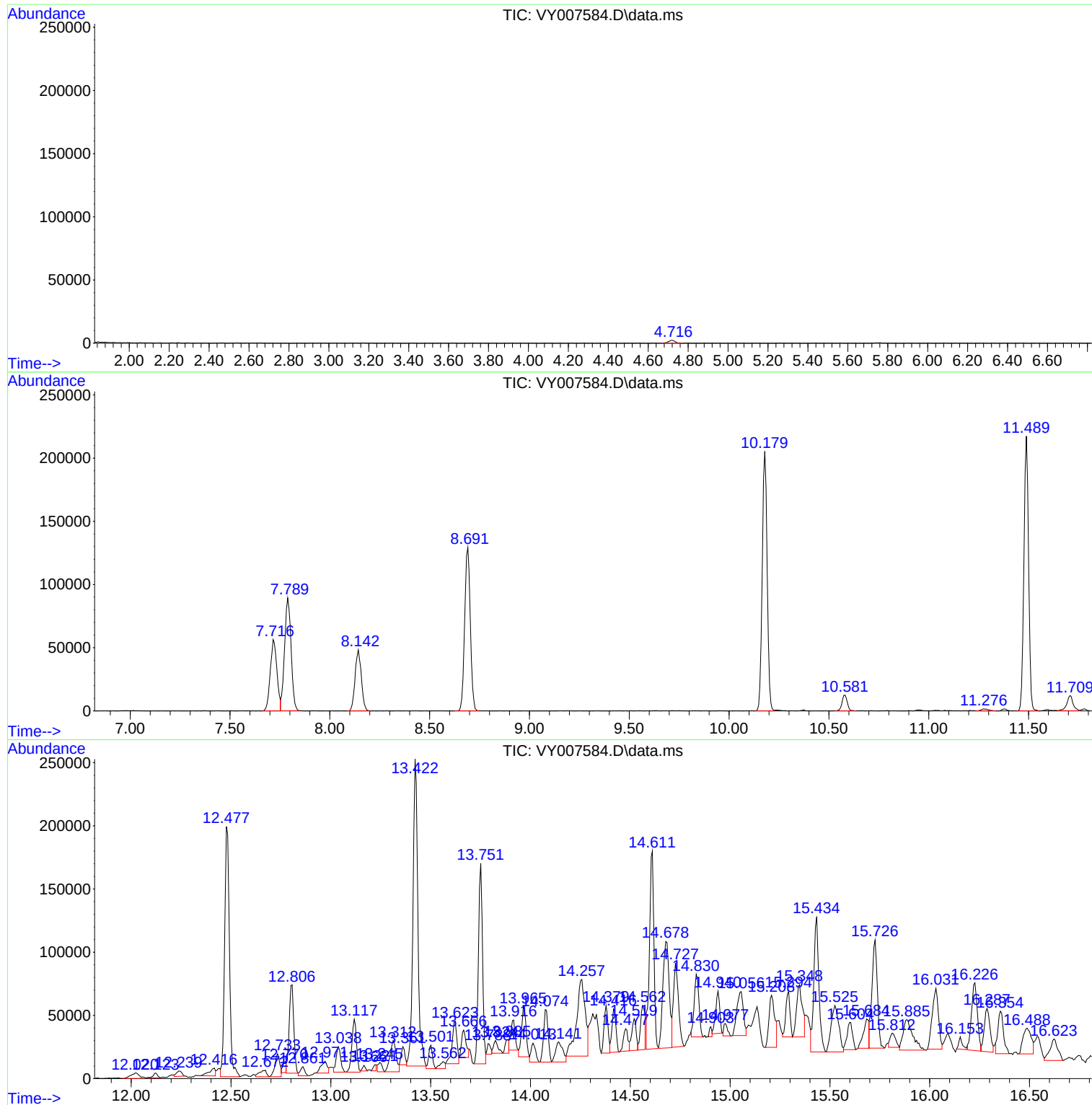
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Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

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



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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

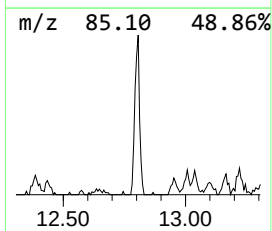
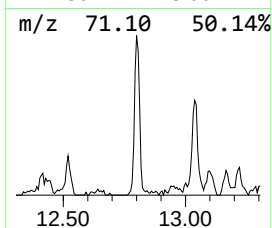
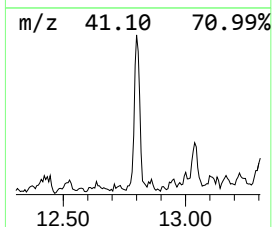
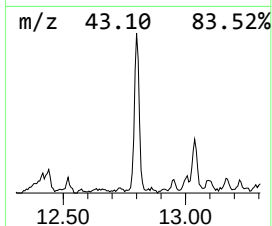
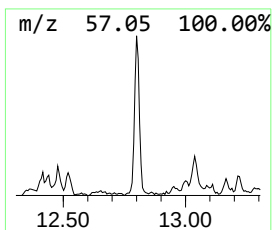
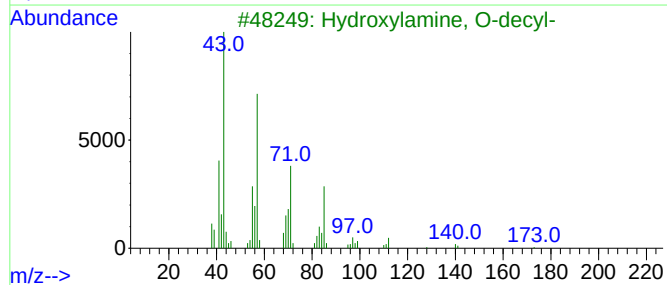
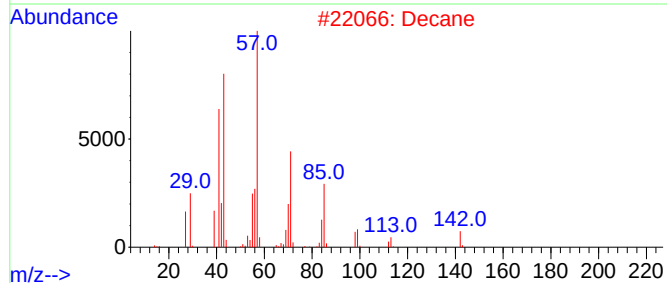
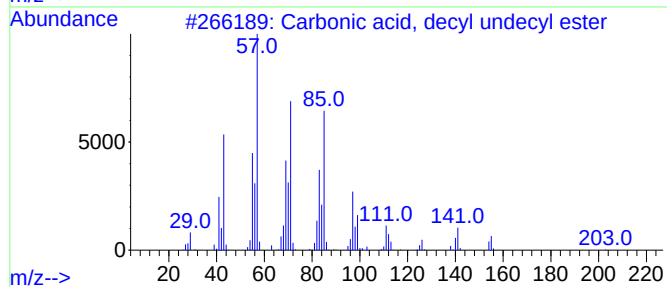
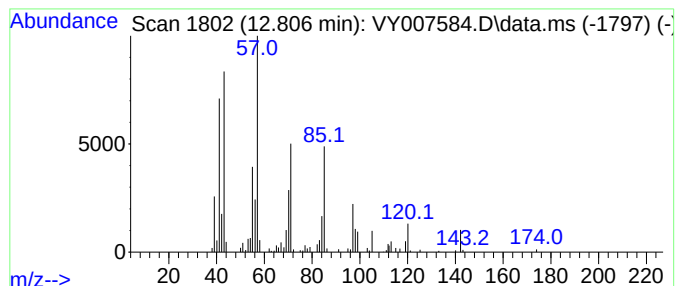
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Carbonic acid, decyl undecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	13.51 ug/l	111742	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	72
2			Decane	142	C10H22	000124-18-5	64
3			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53
4			Nonane	128	C9H20	000111-84-2	47
5			Dodecane	170	C12H26	000112-40-3	47



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Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

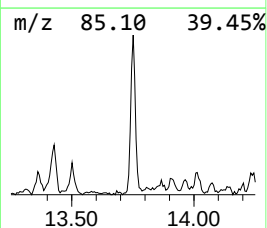
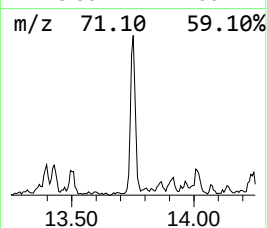
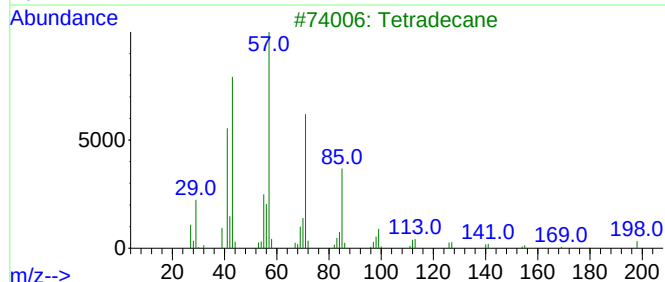
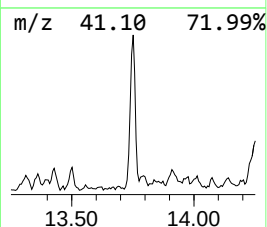
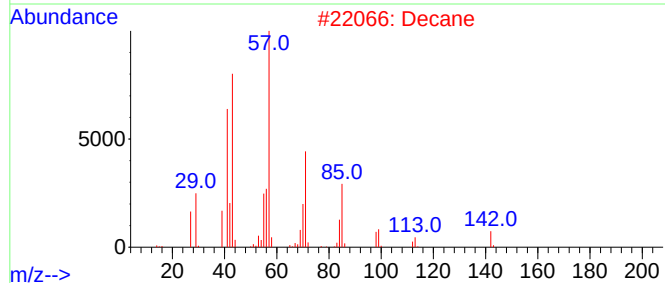
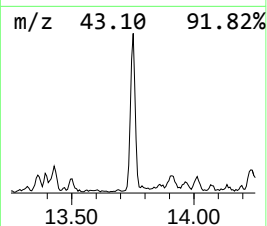
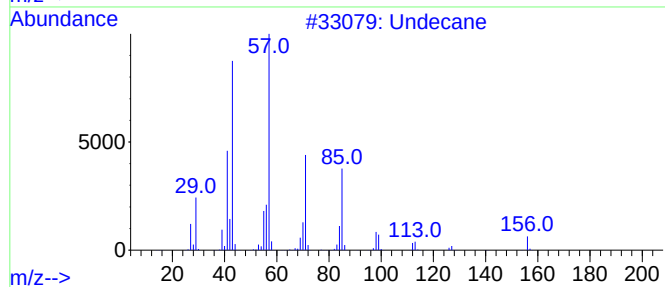
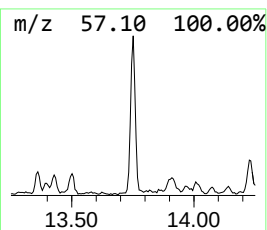
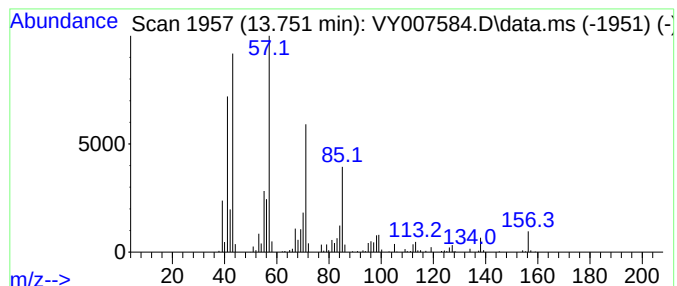
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	27.44 ug/l	226974	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	97
2	Decane			142	C10H22	000124-18-5	86
3	Tetradecane			198	C14H30	000629-59-4	80
4	Hexadecane			226	C16H34	000544-76-3	72
5	Carbonic acid, octadecyl prop-1-...			354	C22H42O3	1000383-11-5	72



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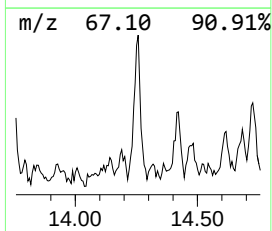
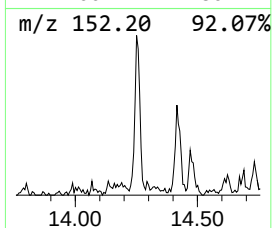
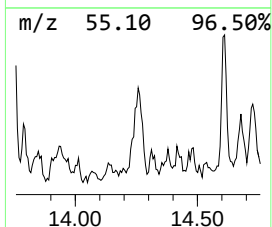
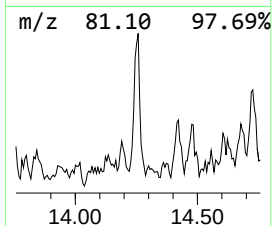
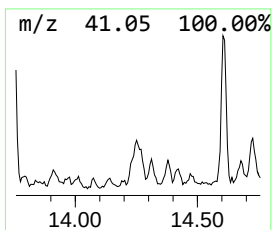
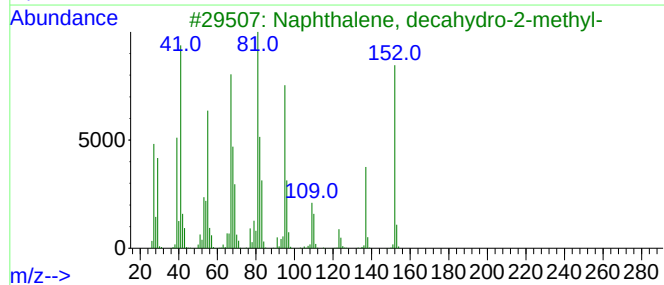
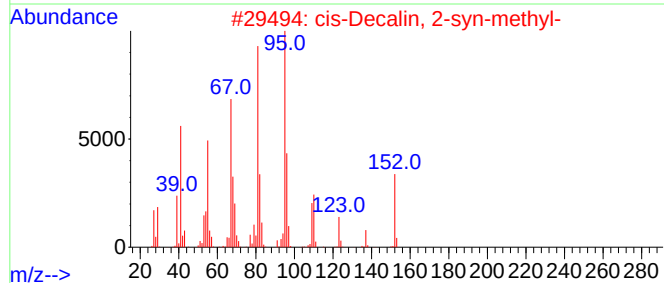
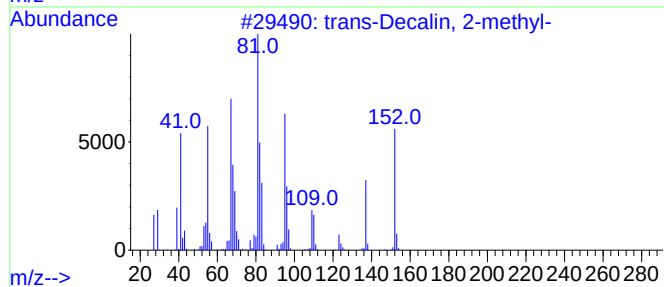
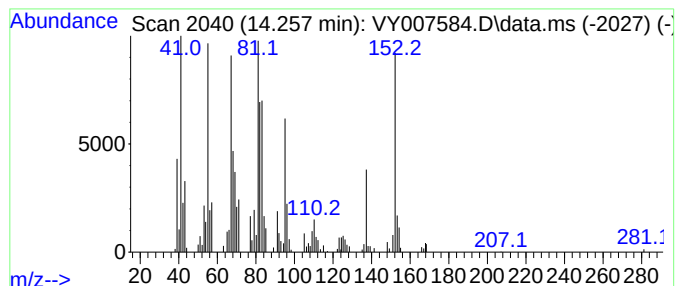
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.257	22.53 ug/l	186395	1,4-Dichlorobenzene-d4	13.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	72
4	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	70
5	Furan, 2-hexyl-	152	C10H16O	003777-70-6	64



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MSVOA_Y
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VIBLK

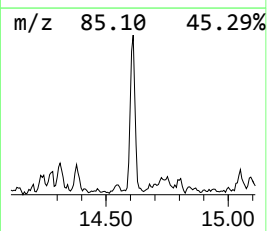
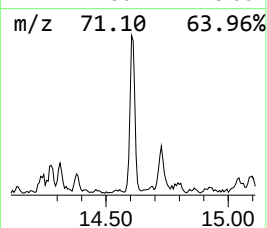
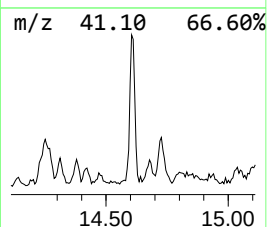
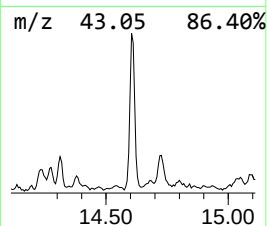
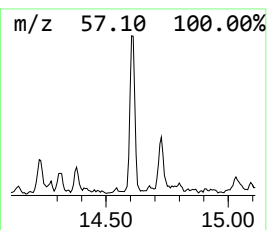
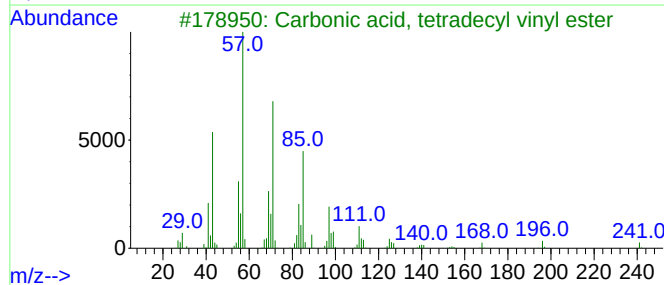
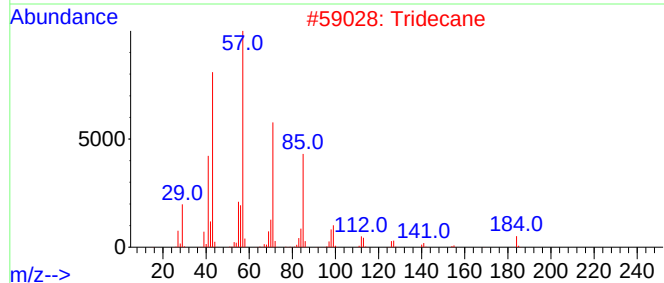
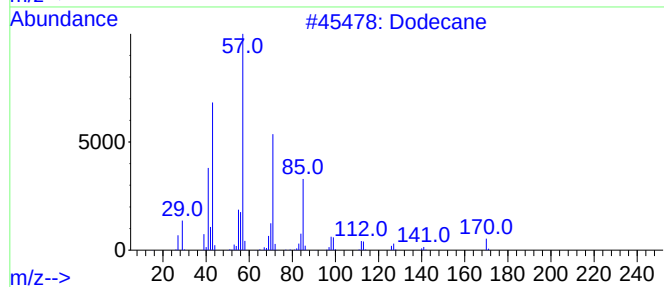
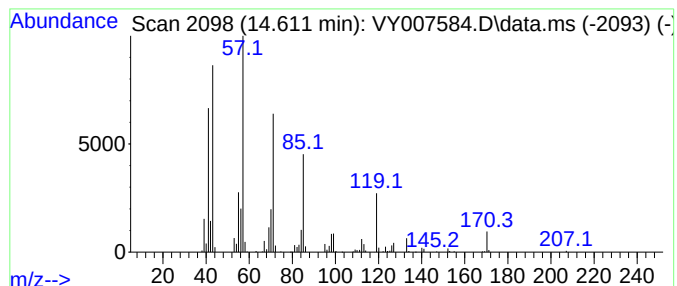
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	28.69 ug/l	237382	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Tridecane	184	C13H28	000629-50-5	68
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	64
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	64
5			Undecane	156	C11H24	001120-21-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007584.D
Acq On : 22 Feb 2022 15:42
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

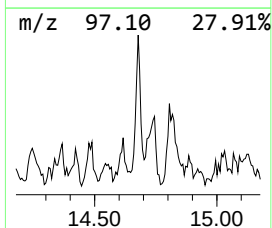
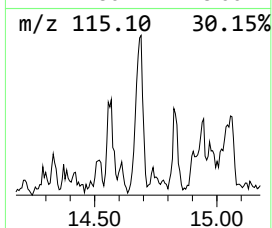
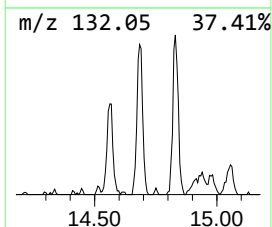
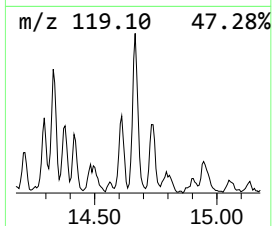
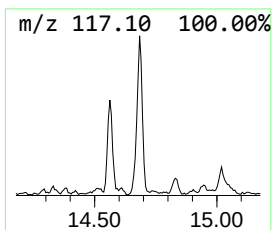
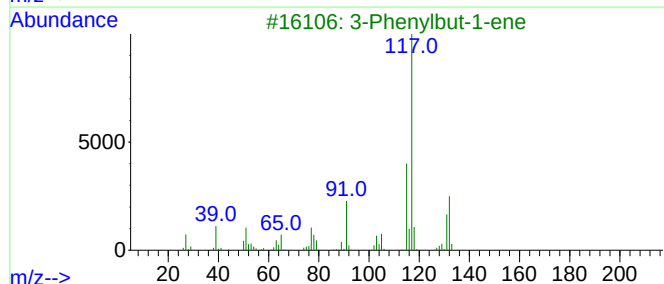
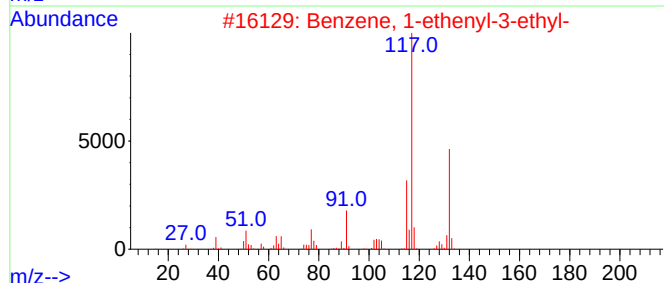
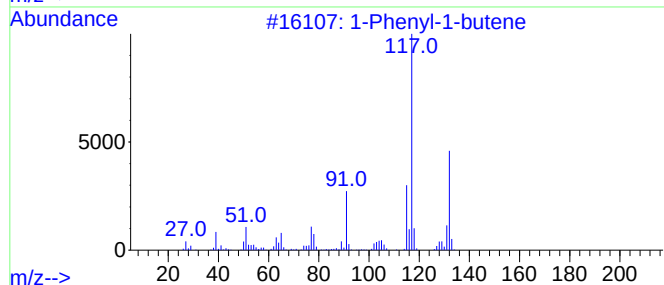
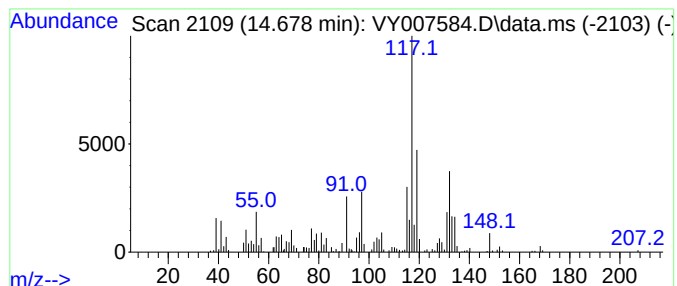
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Quant Title : SW846 8260

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

Peak Number 5 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	22.98 ug/l	190094	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007584.D
Acq On : 22 Feb 2022 15:42
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

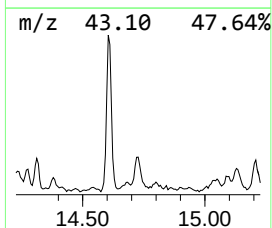
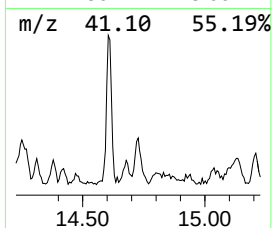
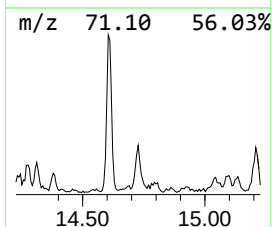
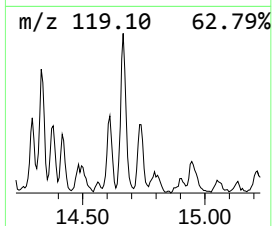
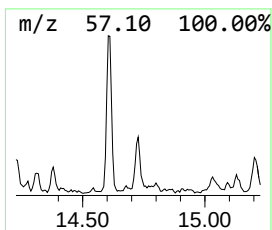
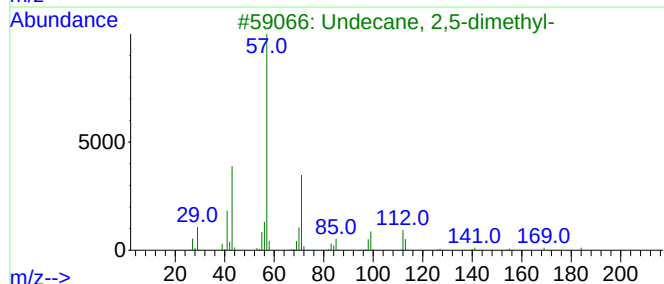
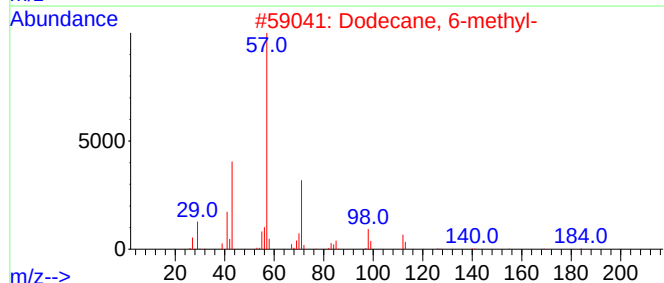
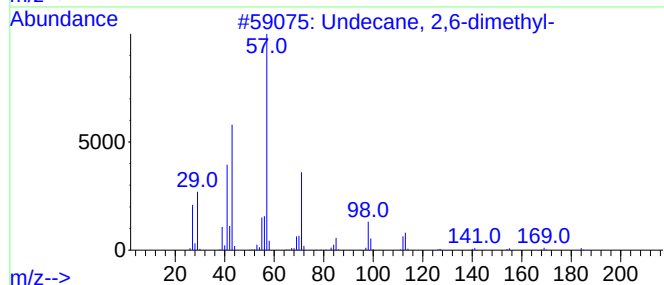
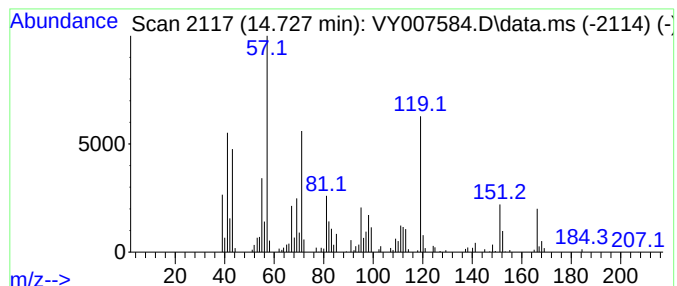
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.727 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	13.57 ug/l	112239	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	30
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	25
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	15
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	14
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007584.D
Acq On : 22 Feb 2022 15:42
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

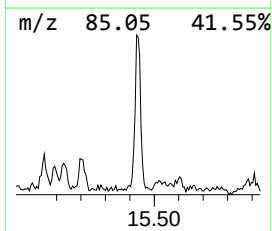
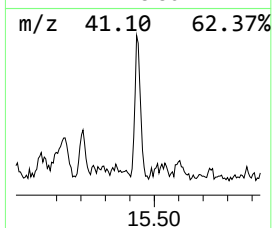
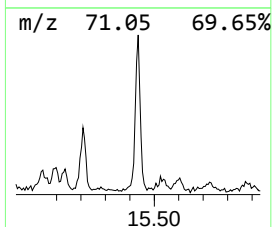
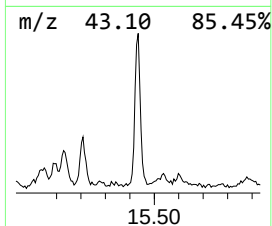
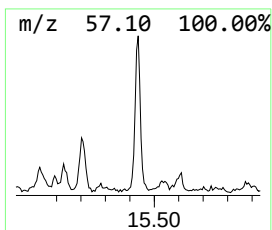
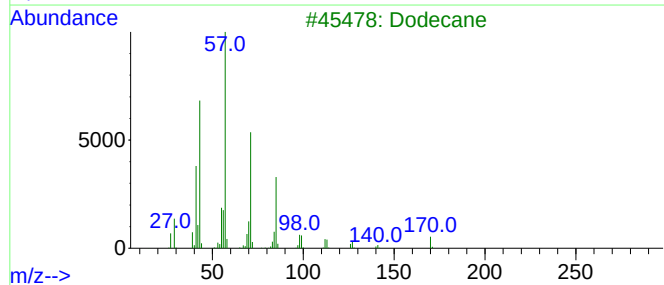
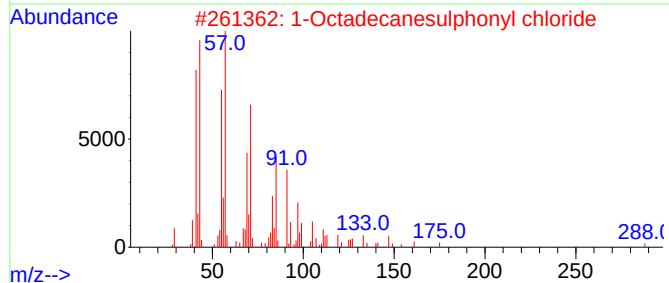
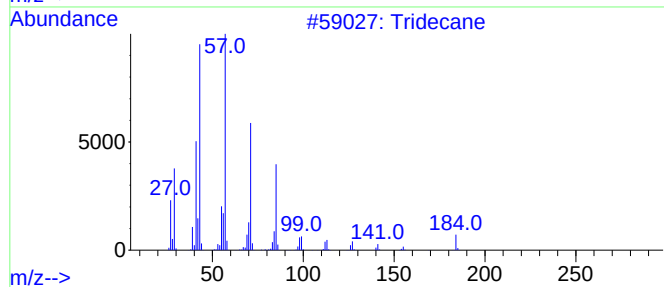
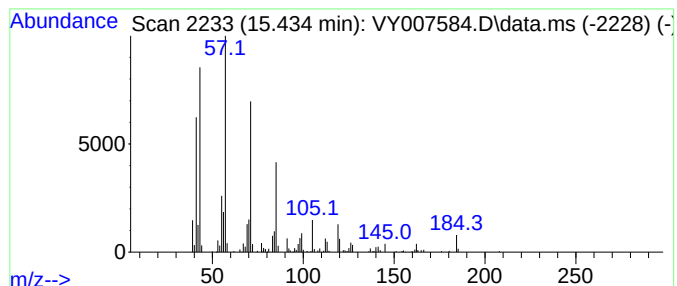
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	22.38 ug/l	185158	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
3			Dodecane	170	C12H26	000112-40-3	72
4			Tetradecane	198	C14H30	000629-59-4	68
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007584.D
Acq On : 22 Feb 2022 15:42
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

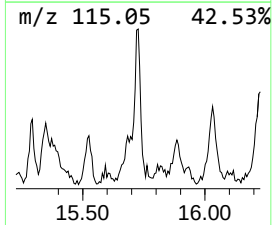
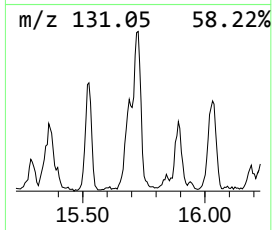
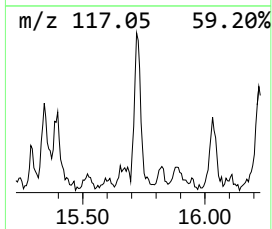
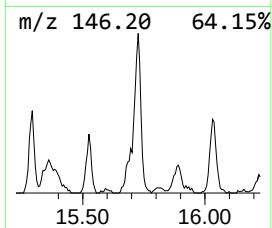
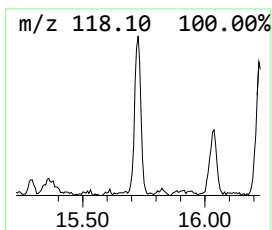
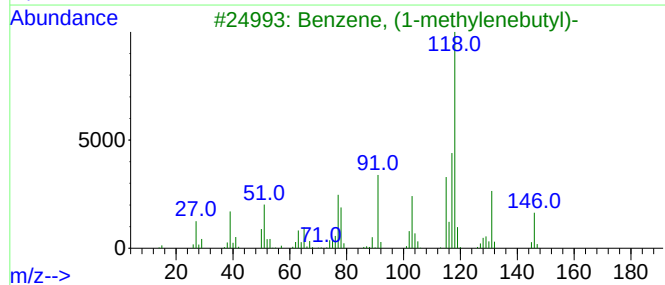
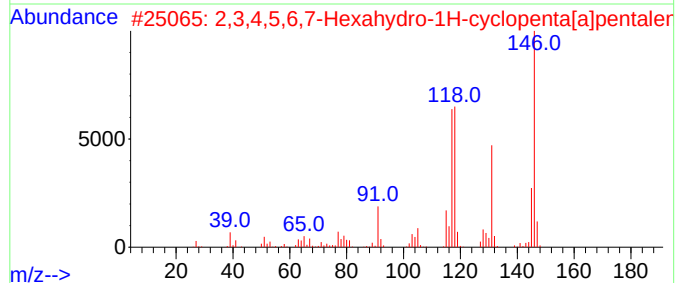
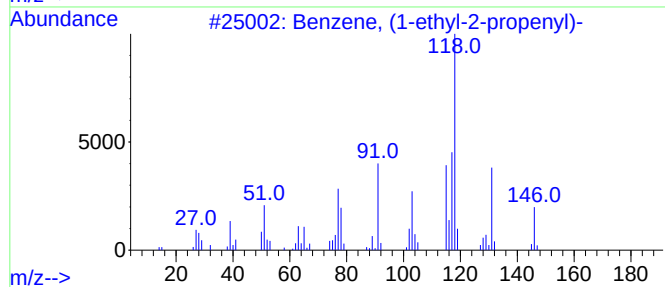
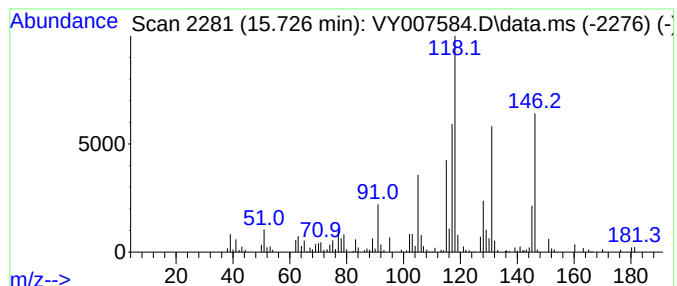
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	19.26 ug/l	159310	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
2			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	64
3			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007584.D
Acq On : 22 Feb 2022 15:42
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

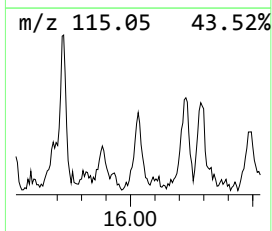
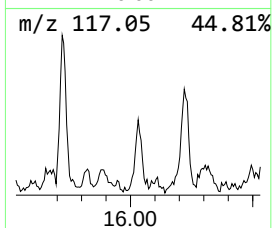
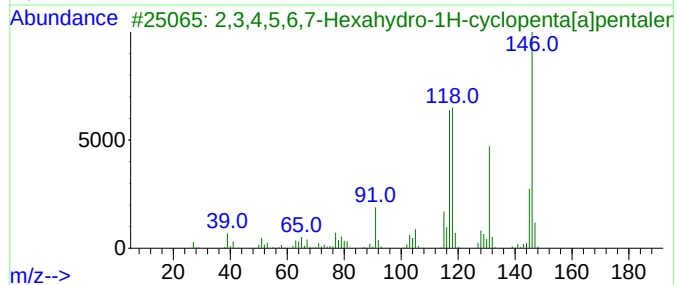
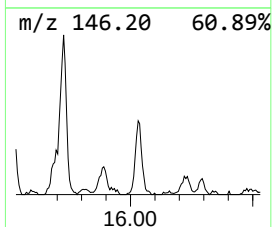
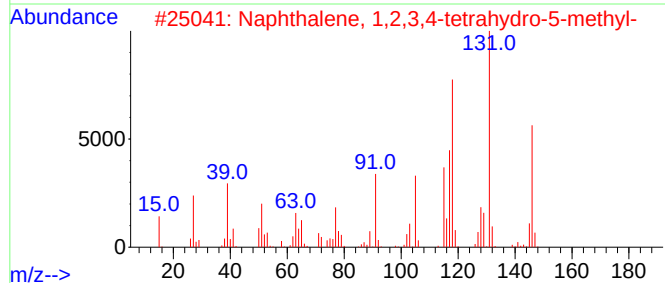
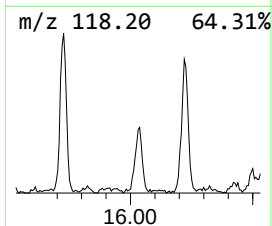
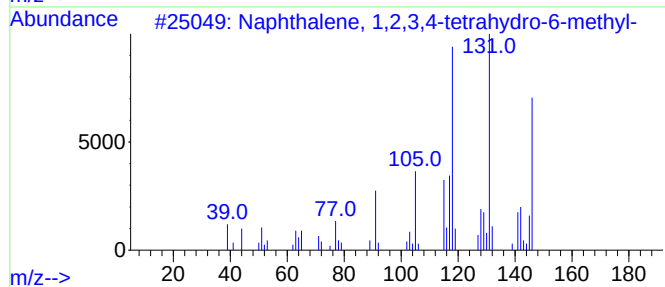
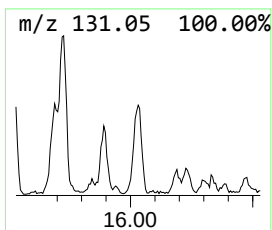
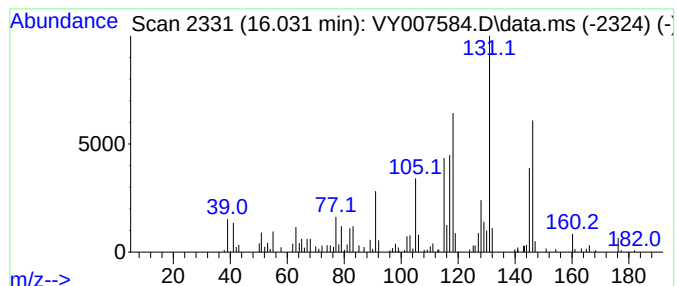
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	12.67 ug/l	104855	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	76
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007584.D
Acq On : 22 Feb 2022 15:42
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

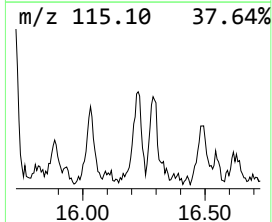
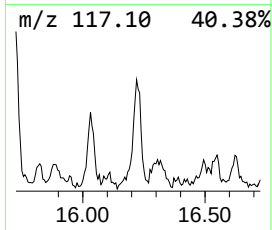
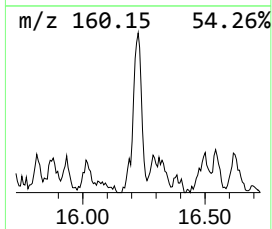
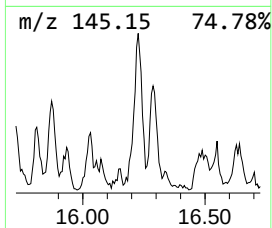
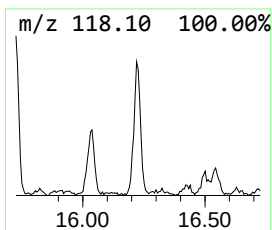
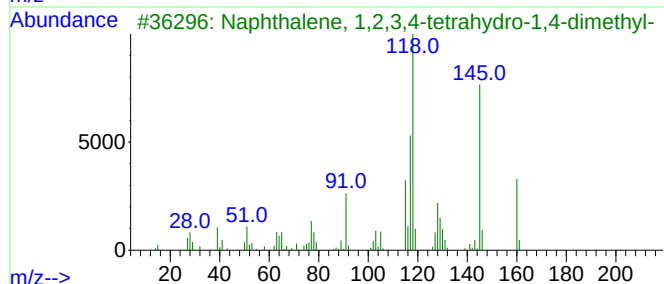
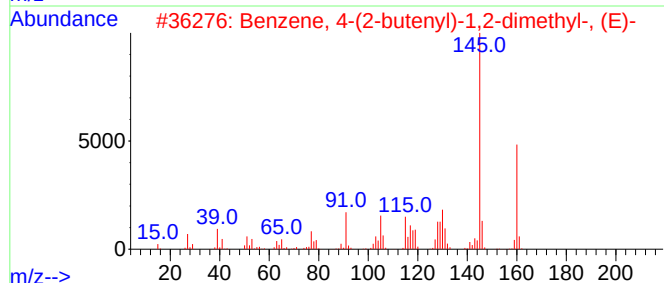
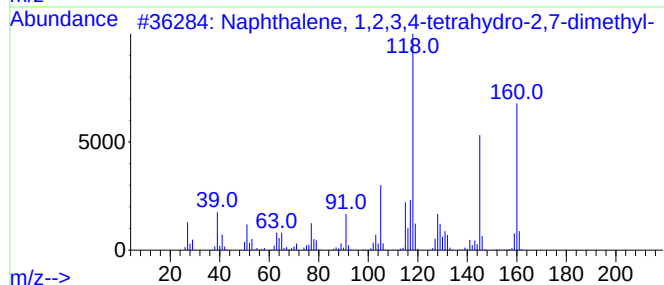
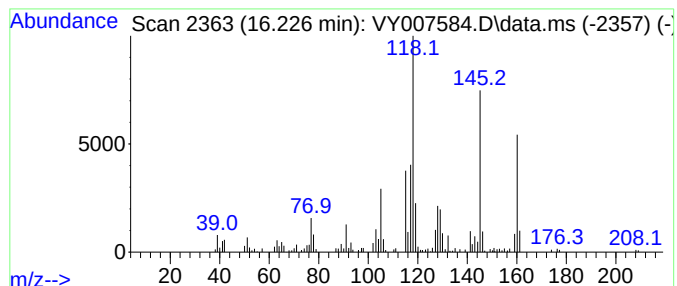
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	13.12 ug/l	108575	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007584.D
Acq On : 22 Feb 2022 15:42
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Undecane	13.751	27.4	ug/l	226974	4	13.422	413656	50.0
trans-Decalin, ...	14.257	22.5	ug/l	186395	4	13.422	413656	50.0
Dodecane	14.611	28.7	ug/l	237382	4	13.422	413656	50.0
1-Phenyl-1-butene	14.678	23.0	ug/l	190094	4	13.422	413656	50.0
unknown14.727	14.727	13.6	ug/l	112239	4	13.422	413656	50.0
Tridecane	15.434	22.4	ug/l	185158	4	13.422	413656	50.0
Benzene, (1-eth...	15.726	19.3	ug/l	159310	4	13.422	413656	50.0
Naphthalene, 1,...	16.031	12.7	ug/l	104855	4	13.422	413656	50.0
Naphthalene, 1,...	16.226	13.1	ug/l	108575	4	13.422	413656	50.0