

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011951.D
 Acq On : 21 Dec 2022 16:57
 Operator : KP/MD
 Sample : N6088-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-27-5B01

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\82Y122022S.M
 Title : SW846 8260

Signal : TIC: VY011951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.198	378	390	400	rBV3	22124	64086	1.36%	0.112%
2	4.716	464	475	490	rBV2	18665	63919	1.36%	0.112%
3	7.716	956	967	972	rBV	137294	319407	6.79%	0.559%
4	7.789	972	979	989	rVB	252247	572900	12.18%	1.003%
5	8.136	1026	1036	1050	rBV	155674	372782	7.92%	0.653%
6	8.685	1118	1126	1139	rBV	392178	776151	16.49%	1.359%
7	8.880	1148	1158	1164	rBV2	24727	51189	1.09%	0.090%
8	10.179	1363	1371	1379	rBV	675224	1190658	25.30%	2.085%
9	10.368	1393	1402	1409	rVB	78424	137398	2.92%	0.241%
10	10.618	1438	1443	1448	rVB	33245	55238	1.17%	0.097%
11	10.801	1464	1473	1479	rBV	36936	60665	1.29%	0.106%
12	10.904	1483	1490	1496	rBV	39189	78625	1.67%	0.138%
13	10.971	1496	1501	1505	rVV	66990	134093	2.85%	0.235%
14	11.038	1508	1512	1516	rVV	77334	128350	2.73%	0.225%
15	11.087	1516	1520	1526	rVB2	41718	71071	1.51%	0.124%
16	11.209	1534	1540	1543	rBV	45542	77890	1.66%	0.136%
17	11.282	1543	1552	1562	rVV4	314927	741208	15.75%	1.298%
18	11.380	1562	1568	1578	rVB	235000	379097	8.06%	0.664%
19	11.489	1578	1586	1594	rBV	585422	951926	20.23%	1.667%
20	11.575	1594	1600	1604	rVV4	19103	47925	1.02%	0.084%
21	11.624	1604	1608	1612	rVV	69215	117540	2.50%	0.206%
22	11.678	1612	1617	1618	rVV2	168382	256506	5.45%	0.449%
23	11.709	1618	1622	1631	rVV2	1311597	2380478	50.59%	4.169%
24	11.782	1631	1634	1639	rVB	116911	167415	3.56%	0.293%
25	11.928	1653	1658	1663	rVB2	153802	253300	5.38%	0.444%
26	12.008	1663	1671	1677	rBV3	425054	1073327	22.81%	1.880%
27	12.056	1677	1679	1682	rVB	96255	100371	2.13%	0.176%
28	12.123	1685	1690	1694	rVB	388752	536625	11.40%	0.940%
29	12.197	1694	1702	1705	rBV5	206952	475286	10.10%	0.832%
30	12.245	1705	1710	1719	rVB4	341061	705668	15.00%	1.236%
31	12.331	1719	1724	1728	rBV2	239294	520644	11.06%	0.912%
32	12.410	1734	1737	1740	rBV	239270	320140	6.80%	0.561%
33	12.441	1740	1742	1745	rVB	550665	561587	11.93%	0.984%
34	12.483	1745	1749	1752	rBV	342941	444970	9.46%	0.779%
35	12.520	1752	1755	1760	rVB	523522	710566	15.10%	1.244%
36	12.575	1760	1764	1768	rVB5	83517	120201	2.55%	0.211%

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37	12.642	1772	1775	1782	rVB5	158806	303619	6.45%	0.532%
38	12.727	1782	1789	1793	rBV2	161251	341513	7.26%	0.598%
39	12.806	1793	1802	1807	rBV2	2864298	4318172	91.77%	7.562%
40	12.861	1807	1811	1816	rVB	219890	319623	6.79%	0.560%
41	12.916	1816	1820	1822	rBV2	65621	92415	1.96%	0.162%
42	12.953	1822	1826	1829	rBV	184451	244694	5.20%	0.429%
43	13.001	1829	1834	1837	rBV2	217233	354655	7.54%	0.621%
44	13.038	1837	1840	1847	rVB	499105	714203	15.18%	1.251%
45	13.105	1847	1851	1857	rVB3	138673	271418	5.77%	0.475%
46	13.166	1857	1861	1866	rBV	204999	296684	6.31%	0.520%
47	13.221	1866	1870	1873	rBV	85631	117359	2.49%	0.206%
48	13.318	1877	1886	1889	rBV4	372967	870634	18.50%	1.525%
49	13.361	1889	1893	1896	rVV2	496684	698866	14.85%	1.224%
50	13.398	1896	1899	1901	rVV	381480	536683	11.41%	0.940%
51	13.428	1901	1904	1909	rVV3	919950	1261361	26.81%	2.209%
52	13.501	1912	1916	1924	rVB	496497	896757	19.06%	1.570%
53	13.751	1951	1957	1962	rBV	2659628	3693051	78.48%	6.468%
54	13.794	1962	1964	1968	rVB2	122170	131505	2.79%	0.230%
55	13.855	1971	1974	1979	rVB3	85207	119279	2.53%	0.209%
56	13.910	1979	1983	1989	rBV4	200343	368986	7.84%	0.646%
57	13.971	1989	1993	1996	rVB3	171832	244747	5.20%	0.429%
58	14.013	1996	2000	2006	rVB	203860	337131	7.16%	0.590%
59	14.074	2006	2010	2014	rBV2	153666	231308	4.92%	0.405%
60	14.141	2015	2021	2026	rBV5	178699	323017	6.86%	0.566%
61	14.196	2026	2030	2032	rBV2	145854	201158	4.28%	0.352%
62	14.239	2032	2037	2040	rBV4	408548	792456	16.84%	1.388%
63	14.312	2046	2049	2056	rVB2	516735	737176	15.67%	1.291%
64	14.379	2056	2060	2064	rBV2	428808	593688	12.62%	1.040%
65	14.416	2064	2066	2071	rVB4	166547	223673	4.75%	0.392%
66	14.471	2071	2075	2082	rVB6	136101	277222	5.89%	0.486%
67	14.550	2084	2088	2089	rBV2	41606	57723	1.23%	0.101%
68	14.611	2093	2098	2104	rBV	3079333	4084874	86.81%	7.154%
69	14.684	2104	2110	2113	rBV4	305876	581850	12.37%	1.019%
70	14.727	2113	2117	2124	rVV	854560	1389223	29.52%	2.433%
71	14.800	2125	2129	2133	rVV5	209626	330220	7.02%	0.578%
72	14.843	2133	2136	2145	rVB6	177828	410130	8.72%	0.718%
73	14.940	2149	2152	2156	rVB4	180373	268124	5.70%	0.470%
74	15.038	2160	2168	2174	rBV3	556619	1443742	30.68%	2.528%
75	15.092	2174	2177	2180	rVV	497731	714805	15.19%	1.252%
76	15.135	2180	2184	2191	rVB3	890280	1498819	31.85%	2.625%

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77	15.208	2191	2196	2203	rBV2	1119754	2051633	43.60%	3.593%
78	15.434	2228	2233	2240	rVB	3278016	4705446	100.00%	8.241%
79	15.544	2242	2251	2255	rBV4	281782	700455	14.89%	1.227%
80	15.879	2301	2306	2309	rBV3	195993	340729	7.24%	0.597%
81	15.964	2316	2320	2324	rVV2	182931	268425	5.70%	0.470%
82	16.013	2324	2328	2335	rVV4	240308	535647	11.38%	0.938%
83	16.086	2335	2340	2346	rVB2	249832	536457	11.40%	0.939%
84	16.153	2346	2351	2359	rVB2	211267	376776	8.01%	0.660%
85	16.361	2379	2385	2397	rVB	778963	1441534	30.64%	2.525%
86	16.476	2398	2404	2418	rVB6	104297	431435	9.17%	0.756%

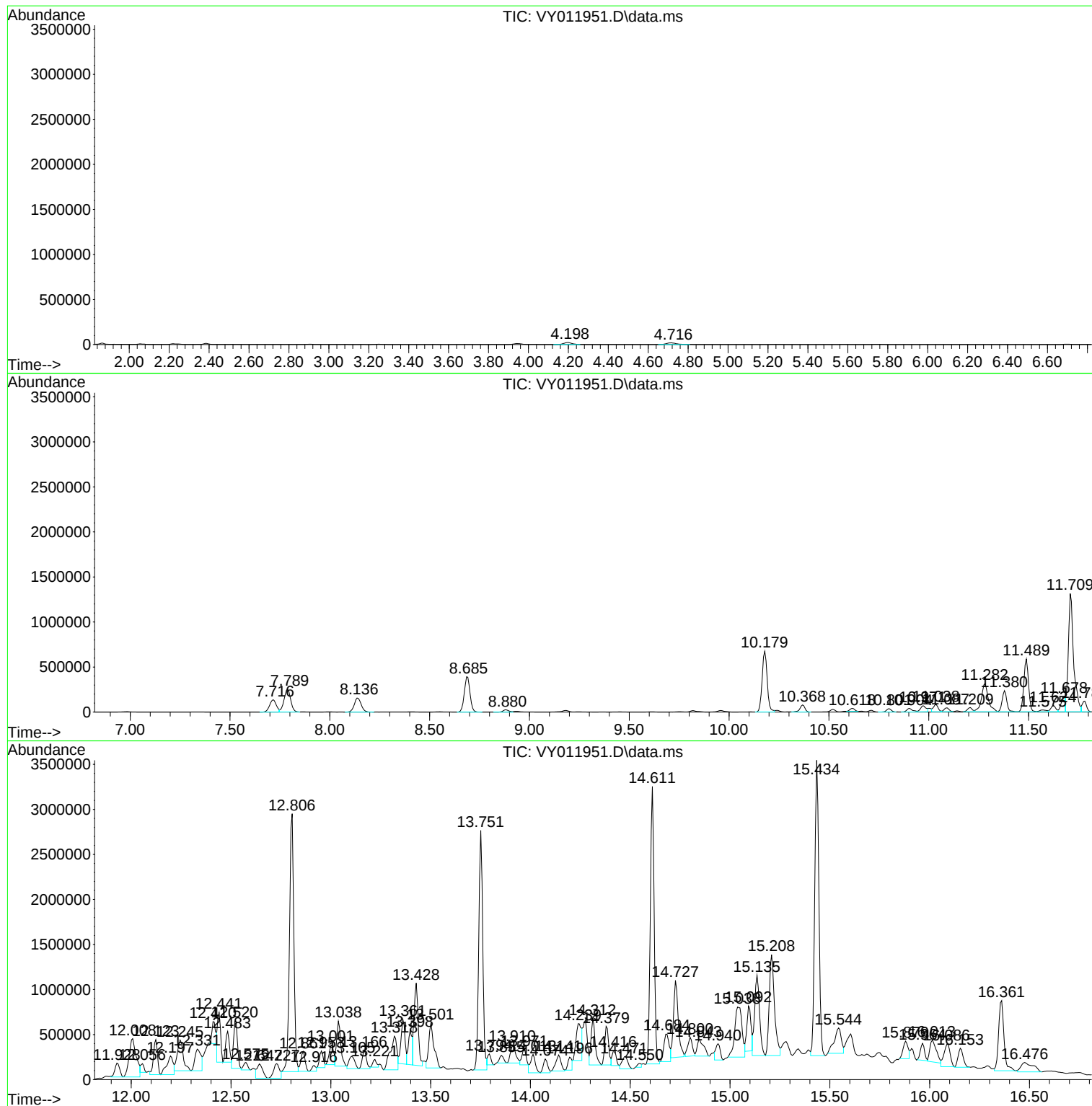
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260

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



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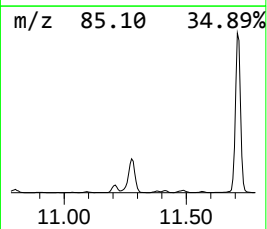
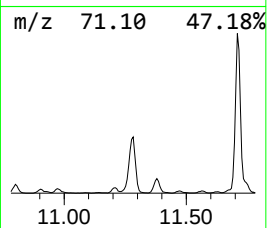
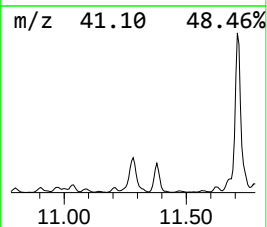
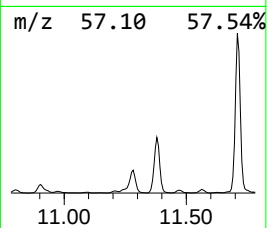
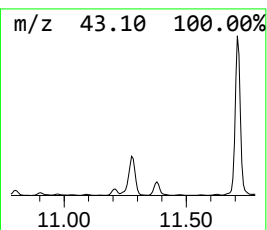
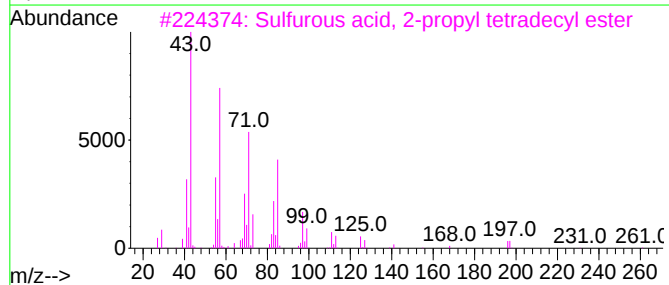
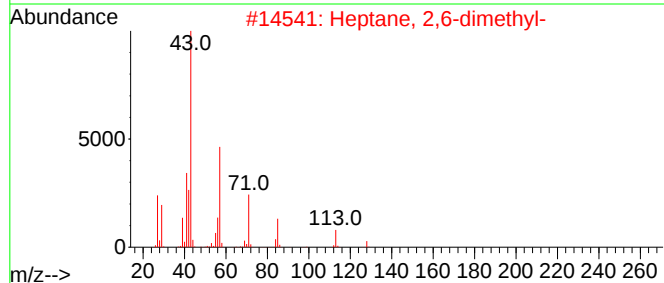
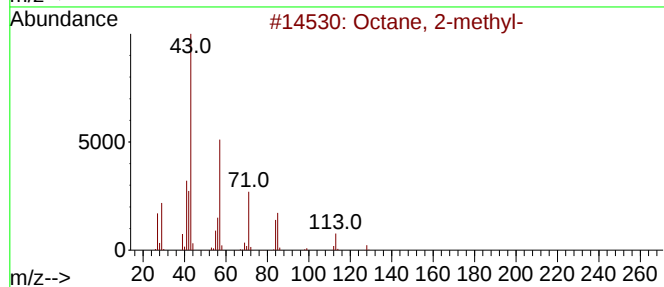
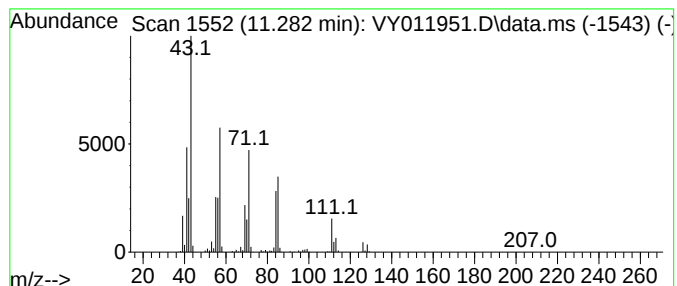
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	38.93 ug/l	741208	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	58
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53
3			Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1010309-12-5	47
4			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	47
5			Hexyl octyl ether	214	C14H30O	017071-54-4	43



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ClientSampleId :
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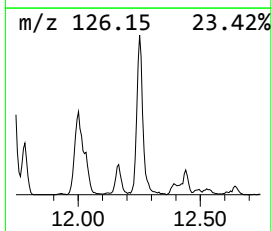
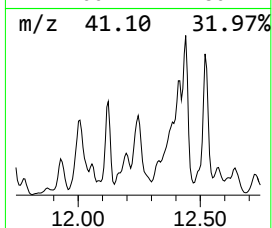
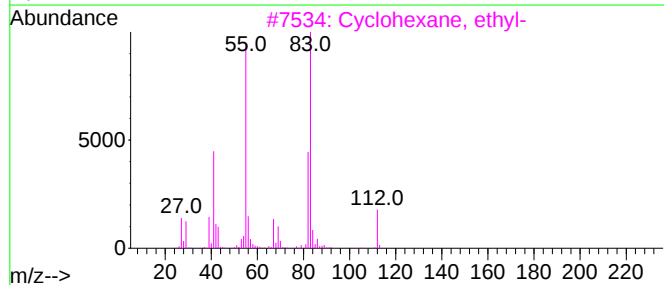
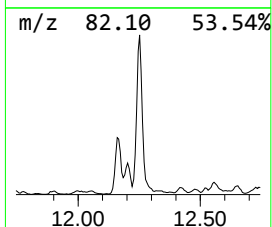
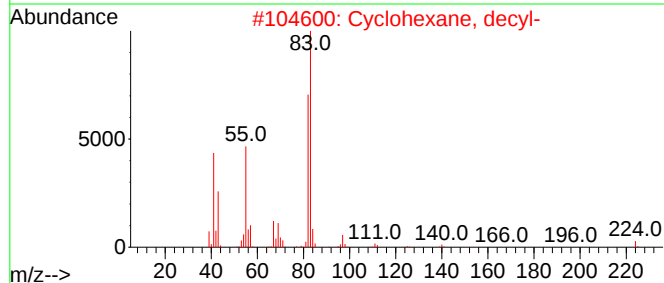
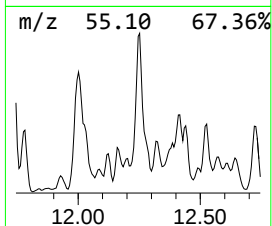
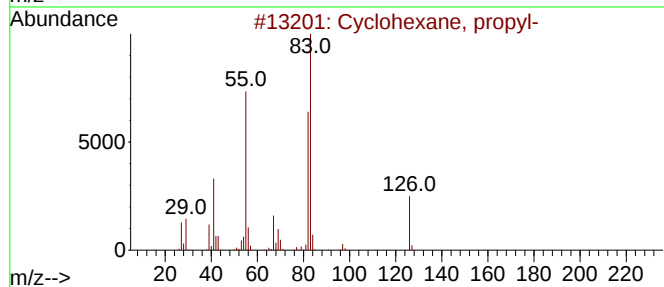
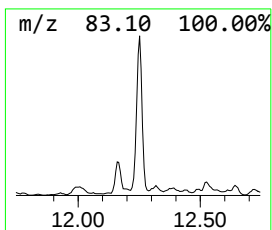
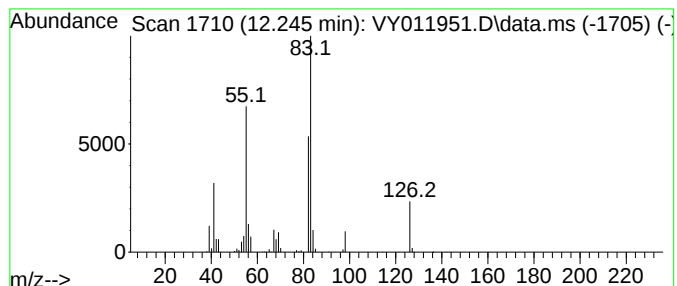
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	37.07 ug/l	705668	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, decyl-	224	C16H32	001795-16-0	64
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4			Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	53
5			Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	53



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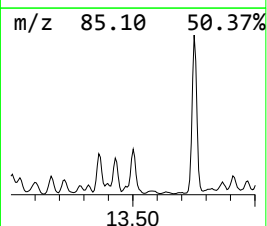
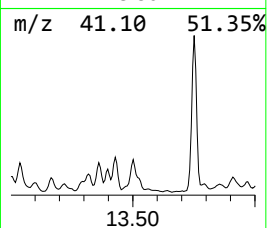
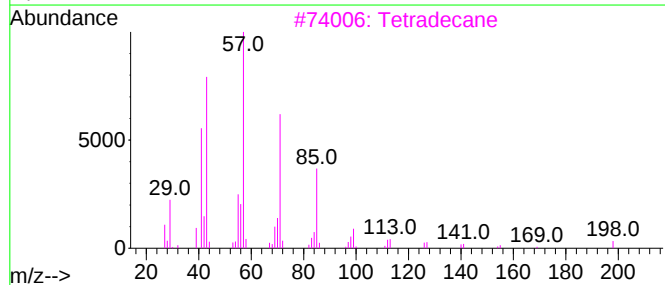
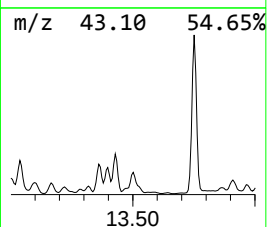
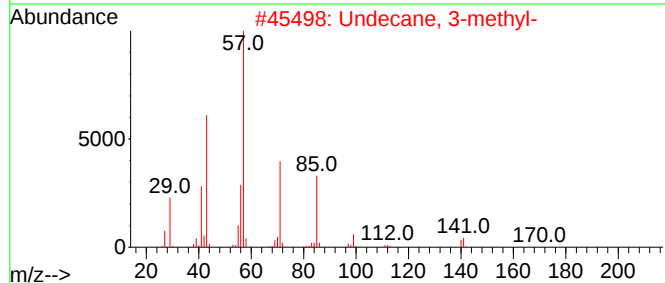
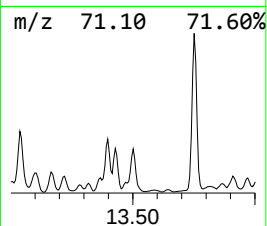
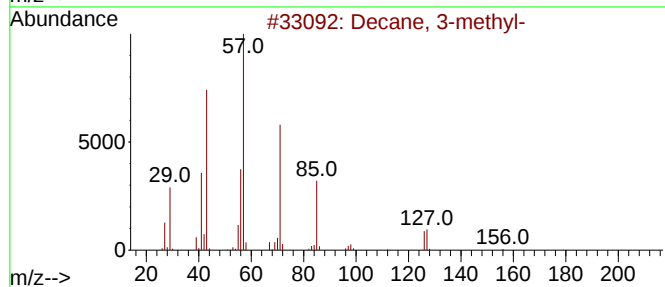
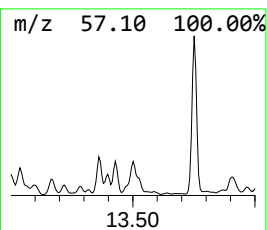
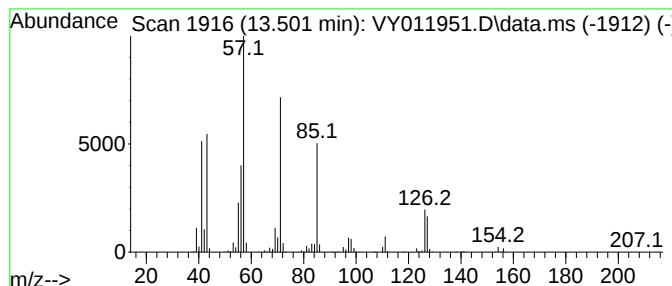
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
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Peak Number 3 Decane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.501	35.55 ug/l	896757	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	91
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
3			Tetradecane	198	C14H30	000629-59-4	47
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	46
5			Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	38



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B-27-5B01

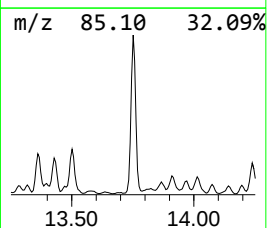
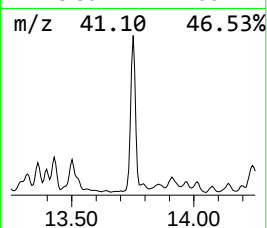
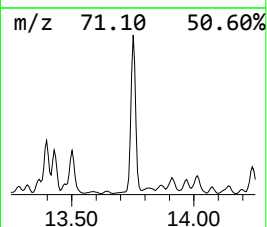
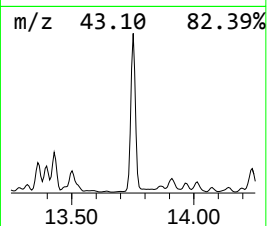
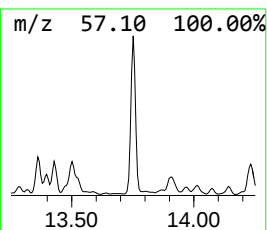
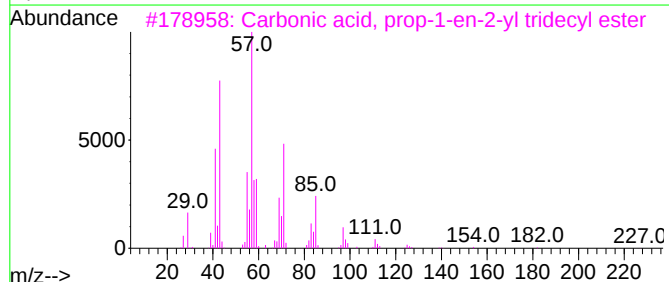
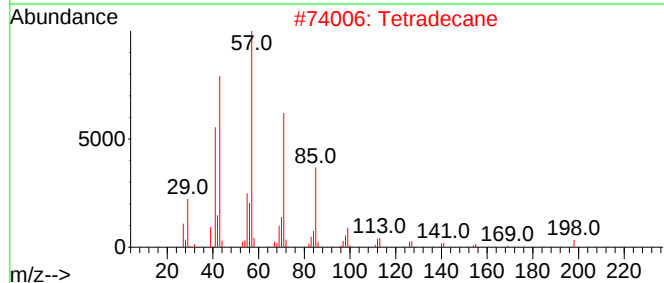
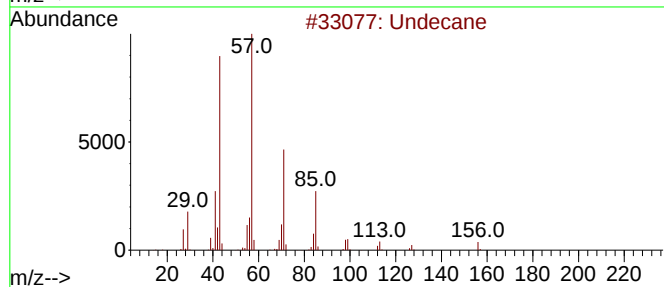
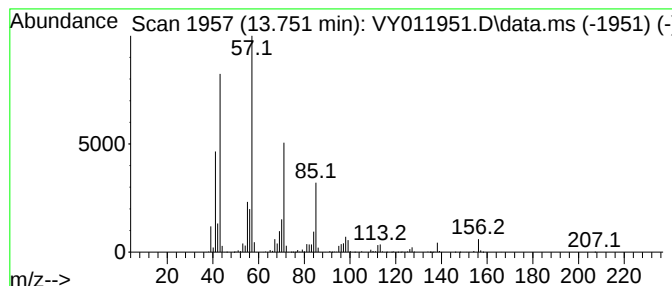
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Quant Title : SW846 8260

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

Peak Number 4 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	146.39 ug/l	3693050	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	97
2	Tetradecane			198	C14H30	000629-59-4	86
3	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	80
4	Hexadecane			226	C16H34	000544-76-3	72
5	Carbonic acid, hexadecyl prop-1-...			326	C20H38O3	1000382-90-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
Acq On : 21 Dec 2022 16:57
Operator : KP/MD
Sample : N6088-01
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

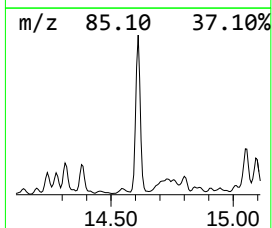
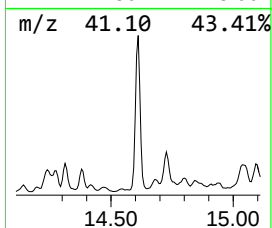
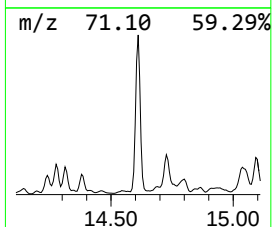
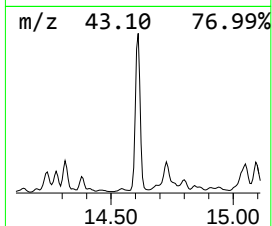
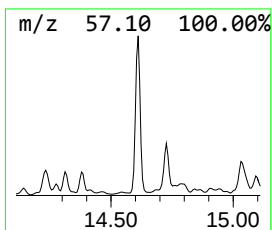
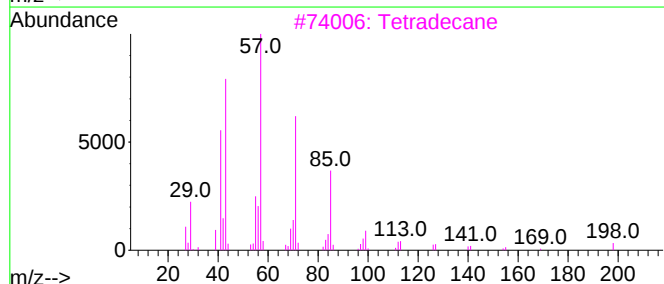
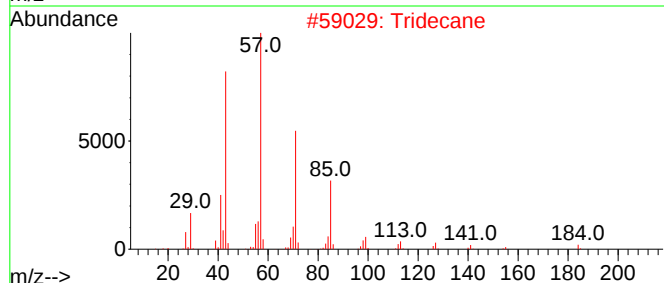
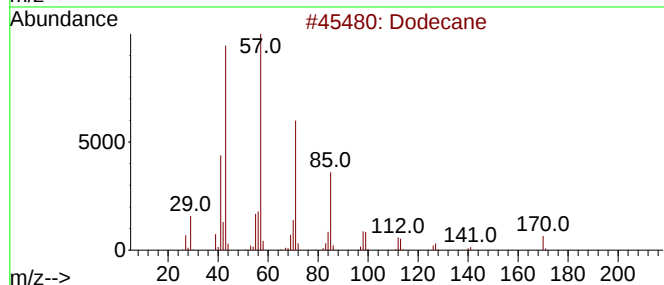
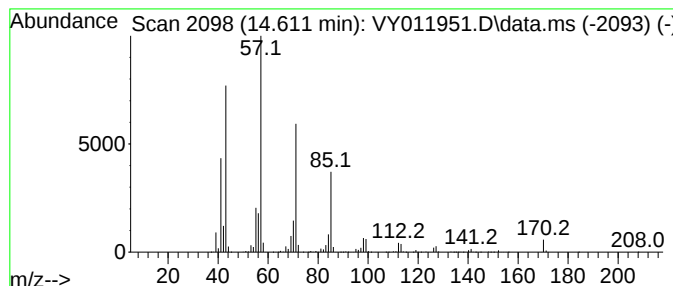
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	161.92 ug/l	4084870	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	96
2			Tridecane	184	C13H28	000629-50-5	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
Acq On : 21 Dec 2022 16:57
Operator : KP/MD
Sample : N6088-01
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

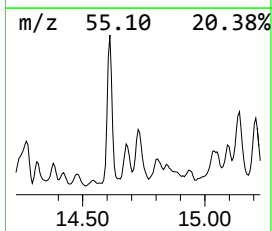
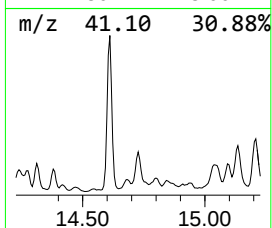
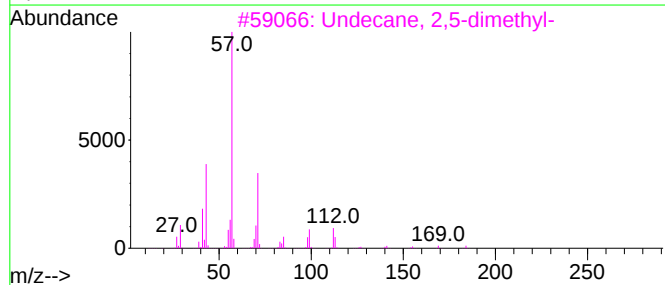
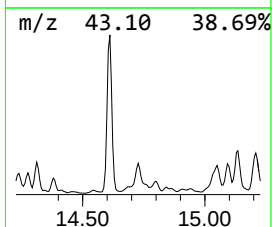
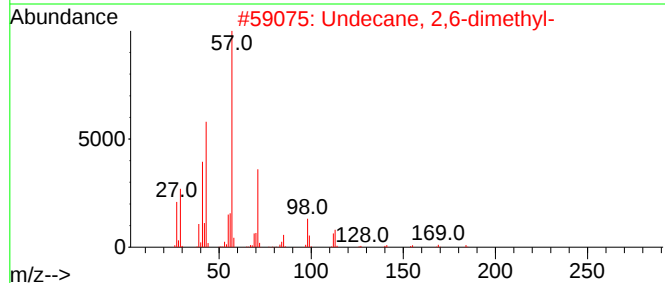
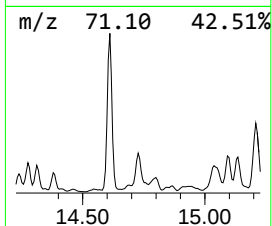
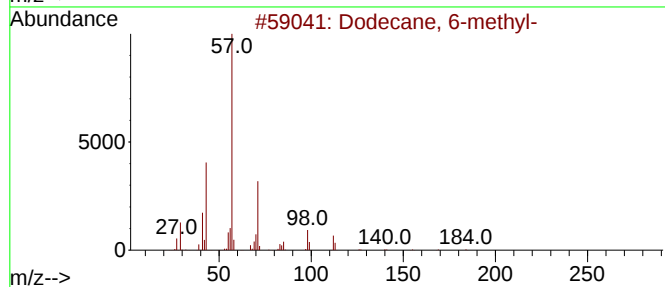
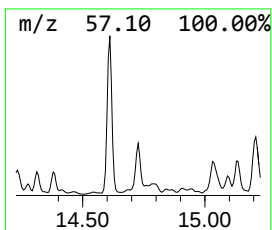
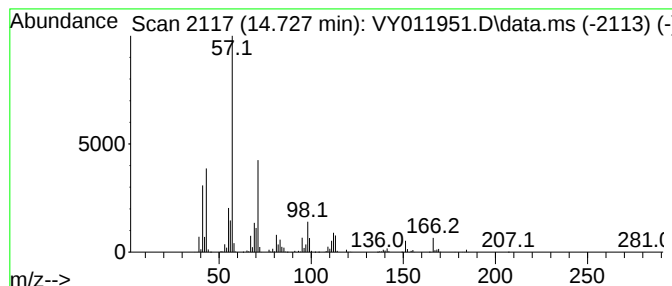
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	55.07 ug/l	1389220	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4			Nonane, 4-methyl-	142	C10H22	017301-94-9	53
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
Acq On : 21 Dec 2022 16:57
Operator : KP/MD
Sample : N6088-01
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

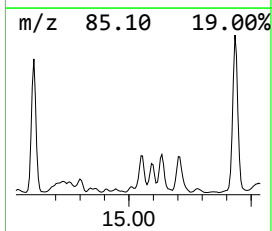
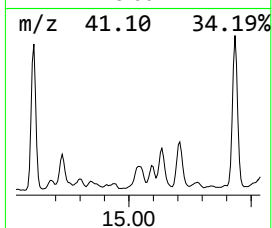
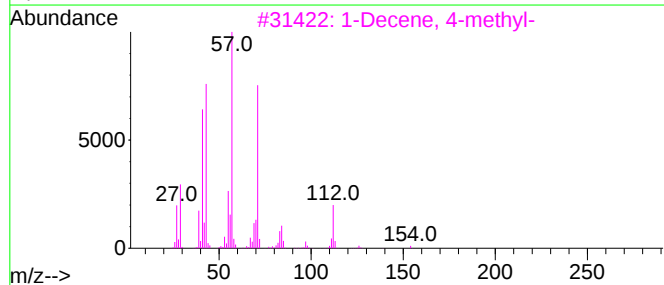
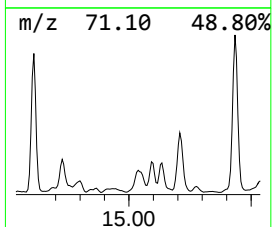
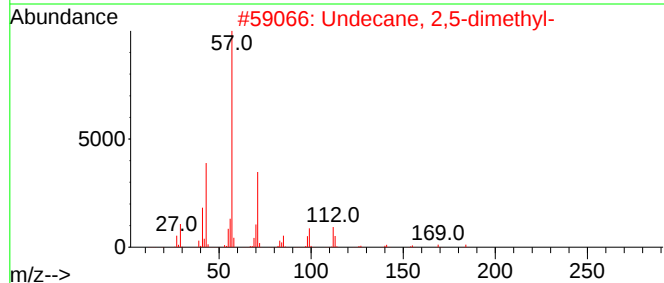
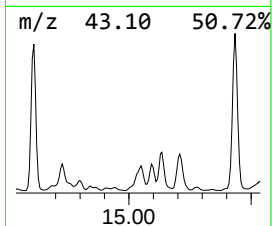
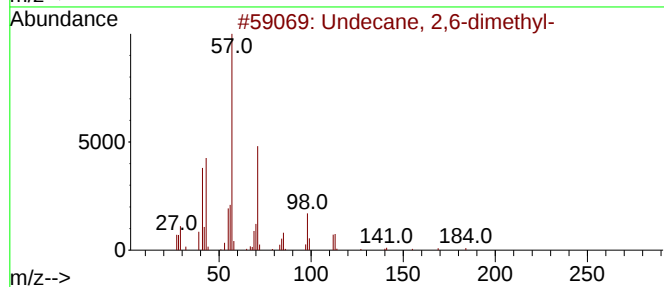
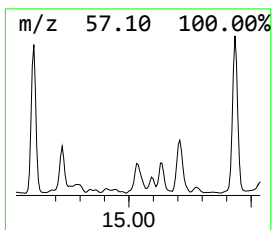
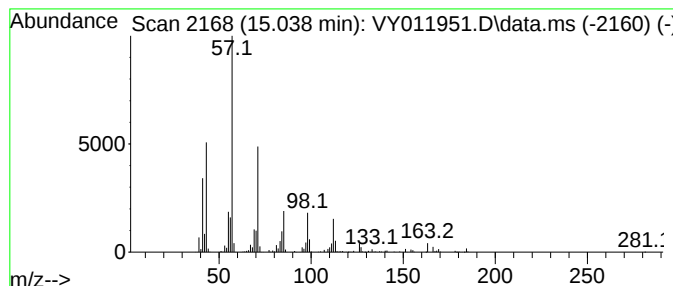
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.038	57.23 ug/l	1443740	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
3			1-Decene, 4-methyl-	154	C11H22	013151-29-6	60
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
Acq On : 21 Dec 2022 16:57
Operator : KP/MD
Sample : N6088-01
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

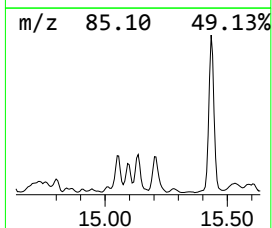
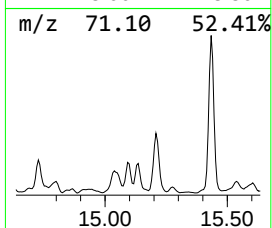
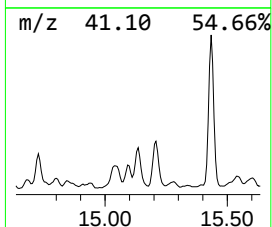
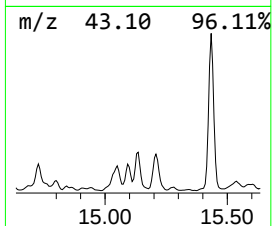
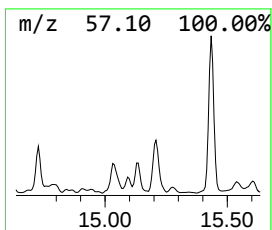
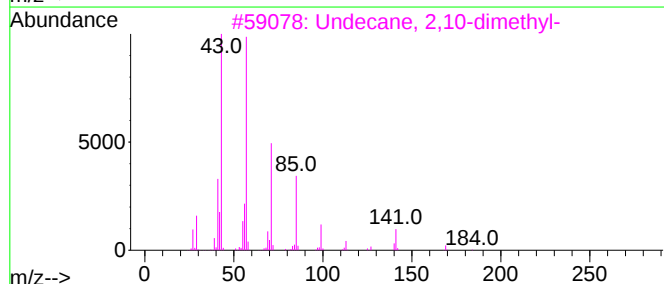
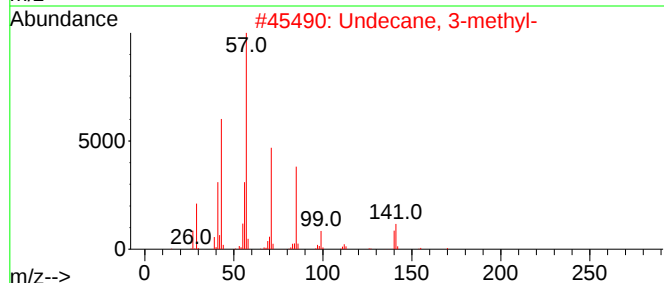
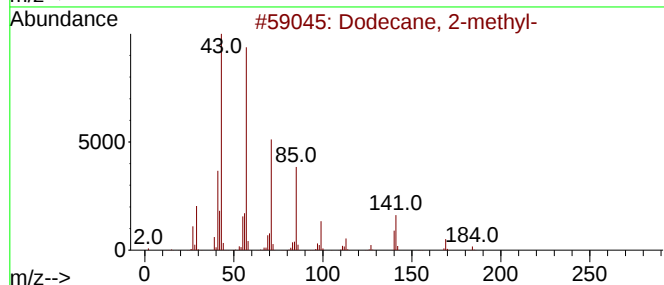
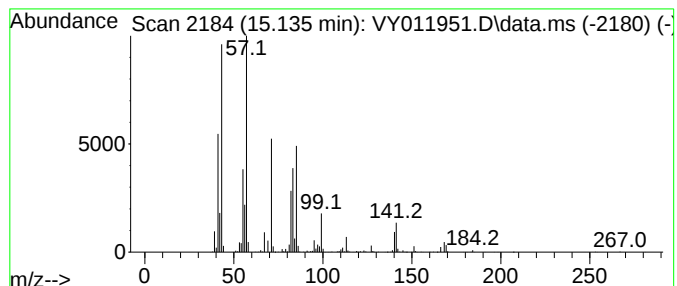
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Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.135	59.41 ug/l	1498820	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	92
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	70
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
4			1-Iodoundecane	282	C11H23I	004282-44-4	43
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
Acq On : 21 Dec 2022 16:57
Operator : KP/MD
Sample : N6088-01
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

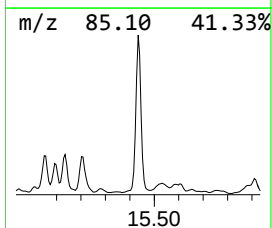
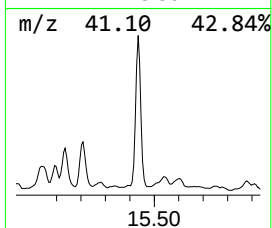
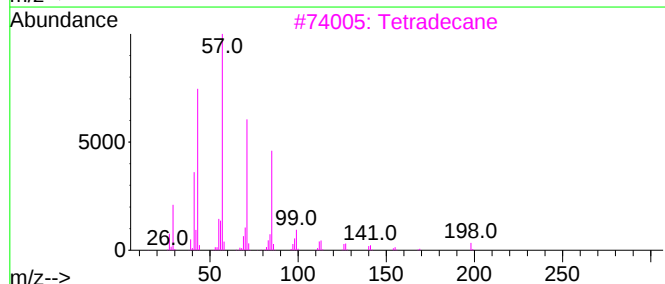
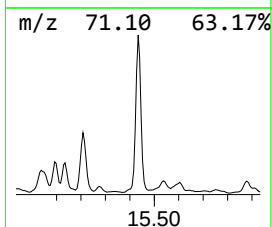
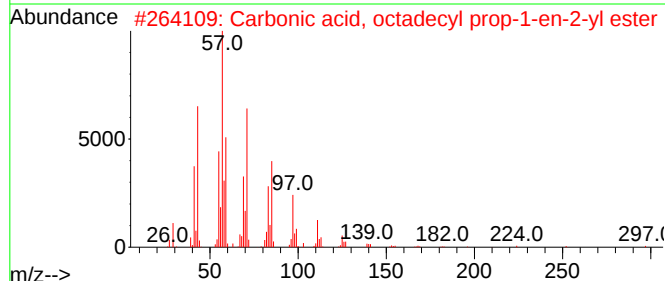
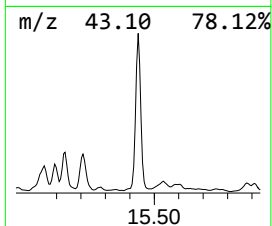
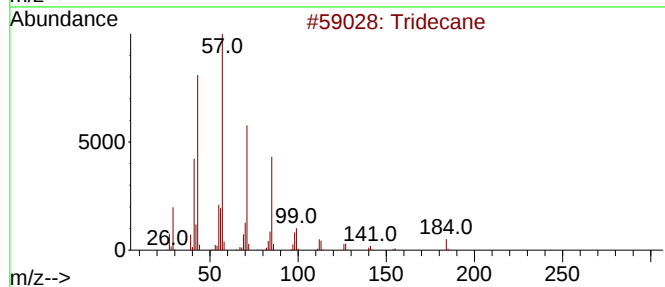
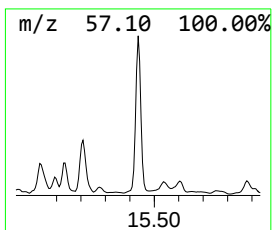
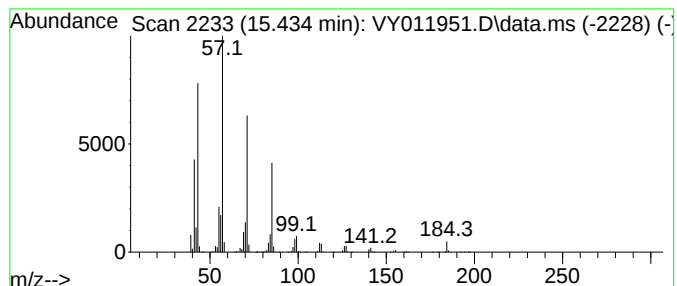
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	186.52 ug/l	4705450	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	98
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Dodecane	170	C12H26	000112-40-3	86
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
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Operator : KP/MD
Sample : N6088-01
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

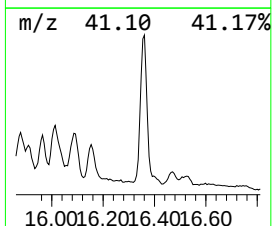
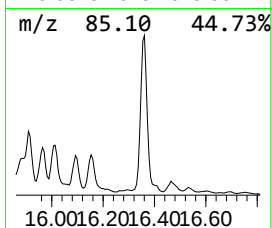
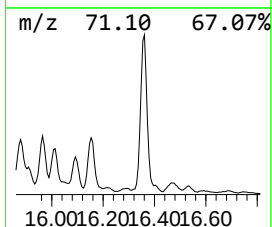
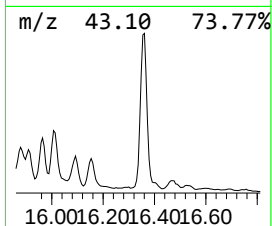
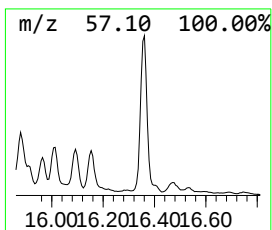
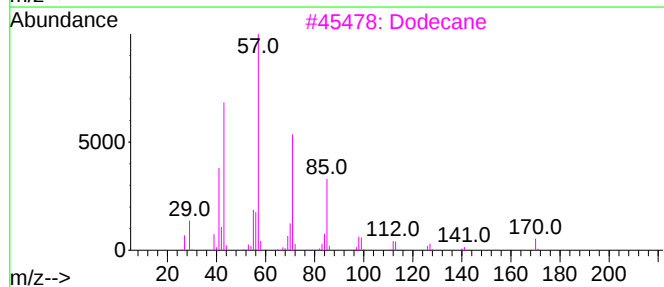
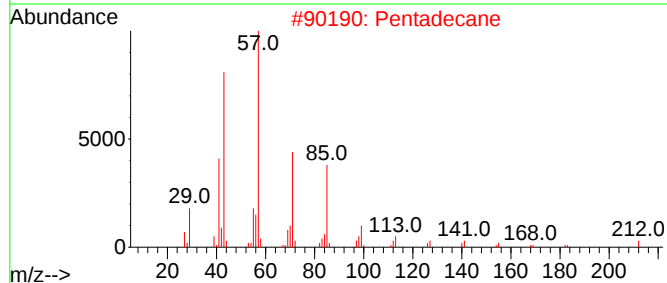
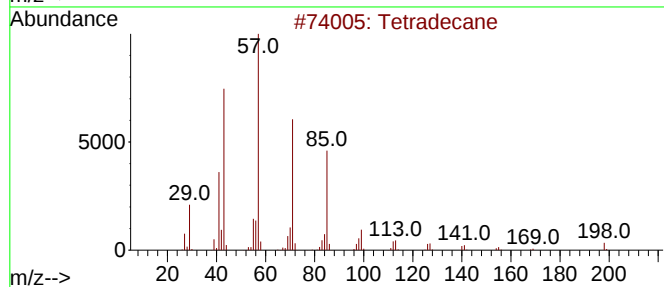
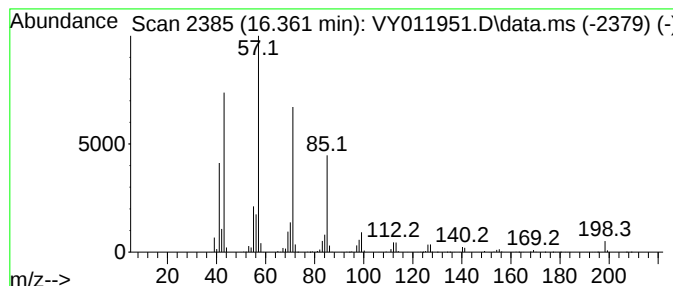
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	57.14 ug/l	1441530	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	98
2		Pentadecane	212	C15H32	000629-62-9	90
3		Dodecane	170	C12H26	000112-40-3	90
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
Acq On : 21 Dec 2022 16:57
Operator : KP/MD
Sample : N6088-01
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.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
Octane, 2-methyl-	11.282	38.9	ug/l	741208	3	11.490	951926	50.0
Cyclohexane, pr...	12.245	37.1	ug/l	705668	3	11.490	951926	50.0
Decane, 3-methyl-	13.501	35.5	ug/l	896757	4	13.428	1261360	50.0
Undecane	13.751	146.4	ug/l	3693050	4	13.428	1261360	50.0
Dodecane	14.611	161.9	ug/l	4084870	4	13.428	1261360	50.0
Dodecane, 6-met...	14.727	55.1	ug/l	1389220	4	13.428	1261360	50.0
Undecane, 2,6-d...	15.038	57.2	ug/l	1443740	4	13.428	1261360	50.0
Dodecane, 2-met...	15.135	59.4	ug/l	1498820	4	13.428	1261360	50.0
Tridecane	15.434	186.5	ug/l	4705450	4	13.428	1261360	50.0
Tetradecane	16.360	57.1	ug/l	1441530	4	13.428	1261360	50.0