

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011007.D
 Acq On : 19 Oct 2022 12:25
 Operator : KP/MD
 Sample : N5170-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1594

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\82Y101722S.M
 Title : SW846 8260

Signal : TIC: VY011007.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	462	475	489	rBV	43402	144652	1.02%	0.154%
2	7.716	957	967	971	rBV2	265361	633565	4.49%	0.676%
3	7.783	971	978	987	rVV2	527626	1505176	10.66%	1.606%
4	7.868	987	992	1003	rVB3	66761	167020	1.18%	0.178%
5	7.996	1003	1013	1028	rBV	253853	613450	4.34%	0.655%
6	8.142	1028	1037	1048	rVB	248091	583594	4.13%	0.623%
7	8.325	1062	1067	1077	rVB	54109	153009	1.08%	0.163%
8	8.545	1094	1103	1118	rBV	138434	281306	1.99%	0.300%
9	8.691	1118	1127	1144	rVV	717203	1434222	10.16%	1.531%
10	9.185	1194	1208	1214	rBV2	110218	258189	1.83%	0.276%
11	10.179	1364	1371	1376	rBV	949146	1659667	11.75%	1.771%
12	10.246	1376	1382	1389	rVB	8255622	14120231	100.00%	15.070%
13	10.368	1395	1402	1408	rVB	120715	217969	1.54%	0.233%
14	11.282	1543	1552	1563	rVB4	144938	363014	2.57%	0.387%
15	11.380	1563	1568	1573	rBV	138993	230724	1.63%	0.246%
16	11.489	1580	1586	1596	rVB	855677	1371143	9.71%	1.463%
17	11.593	1596	1603	1611	rBV	1422121	2230459	15.80%	2.380%
18	11.697	1611	1620	1630	rVV	4960293	9565816	67.75%	10.209%
19	11.782	1630	1634	1639	rVB2	88401	152310	1.08%	0.163%
20	11.849	1639	1645	1651	rBV	120244	214331	1.52%	0.229%
21	12.026	1663	1674	1682	rBV	2009687	3553317	25.16%	3.792%
22	12.123	1682	1690	1694	rVB	180355	274821	1.95%	0.293%
23	12.203	1698	1703	1705	rBV3	116752	180929	1.28%	0.193%
24	12.239	1705	1709	1714	rVB4	176517	345706	2.45%	0.369%
25	12.331	1719	1724	1728	rVV2	135803	276343	1.96%	0.295%
26	12.386	1728	1733	1734	rVV4	113248	219458	1.55%	0.234%
27	12.416	1734	1738	1740	rVV	237787	405816	2.87%	0.433%
28	12.440	1740	1742	1745	rVV	222308	268719	1.90%	0.287%
29	12.483	1745	1749	1753	rVV	594858	923620	6.54%	0.986%
30	12.520	1753	1755	1760	rVB	195165	252461	1.79%	0.269%
31	12.666	1772	1779	1784	rBV	277828	538073	3.81%	0.574%
32	12.733	1784	1790	1793	rVV	1056110	1659332	11.75%	1.771%
33	12.770	1793	1796	1798	rVV	533226	801621	5.68%	0.856%
34	12.806	1798	1802	1808	rVV2	2091776	3355563	23.76%	3.581%
35	12.861	1808	1811	1816	rVB	206496	287800	2.04%	0.307%
36	12.971	1822	1829	1833	rBV	549816	1042470	7.38%	1.113%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	13.038	1837	1840	1847	rVB	517300	775859	5.49%	0.828%
38	13.117	1847	1853	1859	rBV	2063576	3213598	22.76%	3.430%
39	13.251	1872	1875	1879	rVB2	224822	298105	2.11%	0.318%
40	13.312	1879	1885	1890	rBV3	571313	1128580	7.99%	1.204%
41	13.361	1890	1893	1897	rBV3	308303	424055	3.00%	0.453%
42	13.428	1897	1904	1906	rBV3	897164	1449819	10.27%	1.547%
43	13.452	1906	1908	1913	rVB	807369	1127690	7.99%	1.204%
44	13.526	1913	1920	1925	rBV2	678295	1288756	9.13%	1.375%
45	13.623	1927	1936	1940	rBV2	1129651	1925584	13.64%	2.055%
46	13.666	1940	1943	1947	rBV2	513112	702485	4.98%	0.750%
47	13.751	1952	1957	1962	rBV	2055645	2989112	21.17%	3.190%
48	13.824	1966	1969	1975	rVB	286796	405565	2.87%	0.433%
49	13.885	1975	1979	1981	rBV	367585	512752	3.63%	0.547%
50	13.916	1981	1984	1989	rVB2	558879	768715	5.44%	0.820%
51	13.971	1989	1993	1997	rVB	749828	1042923	7.39%	1.113%
52	14.019	1997	2001	2006	rVB2	207674	376925	2.67%	0.402%
53	14.080	2006	2011	2016	rVB	849381	1306710	9.25%	1.395%
54	14.147	2016	2022	2027	rBV6	185837	455350	3.22%	0.486%
55	14.215	2027	2033	2035	rBV3	263076	526080	3.73%	0.561%
56	14.257	2035	2040	2044	rBV6	357298	667489	4.73%	0.712%
57	14.336	2050	2053	2057	rVB	532752	709485	5.02%	0.757%
58	14.385	2057	2061	2064	rVV2	453270	795371	5.63%	0.849%
59	14.416	2064	2066	2071	rVB3	396593	566085	4.01%	0.604%
60	14.477	2073	2076	2079	rVV2	133963	184008	1.30%	0.196%
61	14.519	2080	2083	2086	rVV	299459	382632	2.71%	0.408%
62	14.562	2086	2090	2094	rVV	584913	1032599	7.31%	1.102%
63	14.611	2094	2098	2103	rVB	1266002	1790248	12.68%	1.911%
64	14.684	2103	2110	2115	rBV4	1241624	2718322	19.25%	2.901%
65	14.733	2115	2118	2124	rVB3	495366	819260	5.80%	0.874%
66	14.836	2130	2135	2143	rVB	738576	1227453	8.69%	1.310%
67	14.940	2148	2152	2156	rVV3	338415	567163	4.02%	0.605%
68	14.977	2156	2158	2164	rVB	162293	216889	1.54%	0.231%
69	15.056	2164	2171	2175	rBV3	352342	771166	5.46%	0.823%
70	15.233	2191	2200	2206	rBV2	375152	1161229	8.22%	1.239%
71	15.294	2206	2210	2214	rVV	325950	527063	3.73%	0.563%
72	15.348	2214	2219	2225	rVV4	353708	898488	6.36%	0.959%
73	15.434	2229	2233	2241	rVB2	757098	1266338	8.97%	1.351%
74	15.525	2242	2248	2255	rBV3	270218	662520	4.69%	0.707%
75	15.605	2256	2261	2266	rVB2	127538	224102	1.59%	0.239%
76	15.690	2270	2275	2277	rVV2	150478	302070	2.14%	0.322%

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77	15.726	2277	2281	2289	rVB	496806	924461	6.55%	0.987%
78	15.885	2302	2307	2318	rBV3	154996	375250	2.66%	0.400%
79	16.013	2322	2328	2337	rBV2	609628	1440959	10.20%	1.538%
80	16.226	2358	2363	2368	rVV	240628	477619	3.38%	0.510%
81	16.293	2368	2374	2380	rVV	370662	725092	5.14%	0.774%
82	16.360	2380	2385	2395	rVB	289537	546488	3.87%	0.583%
83	16.488	2399	2406	2413	rBV2	217129	557161	3.95%	0.595%
84	16.623	2425	2428	2438	rVB2	68089	157643	1.12%	0.168%

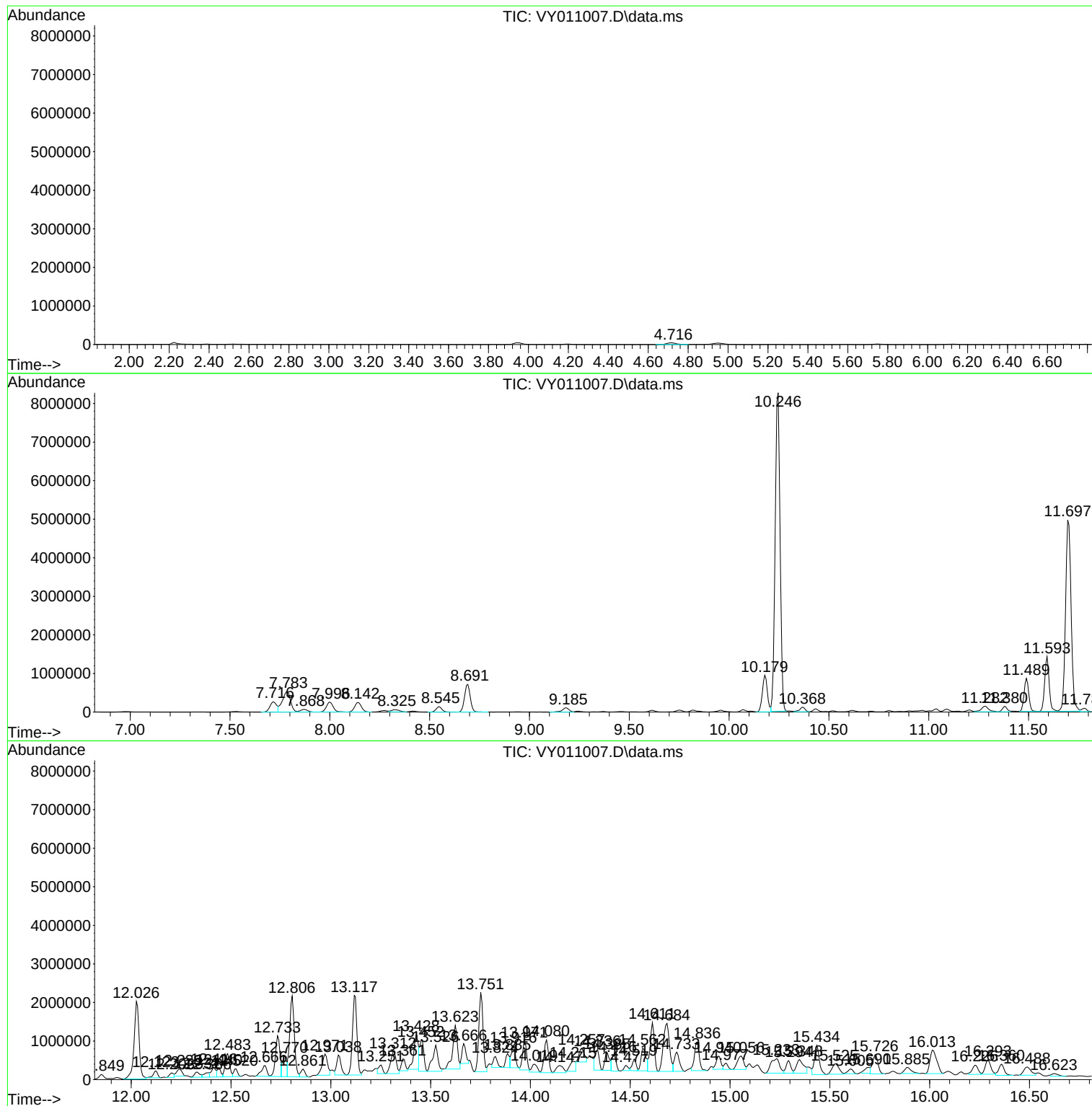
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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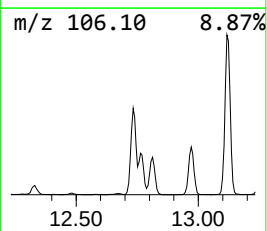
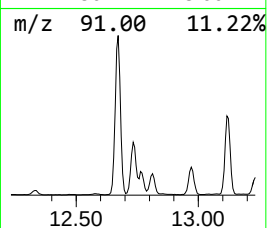
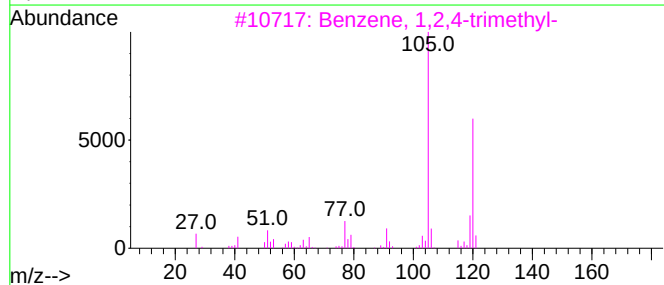
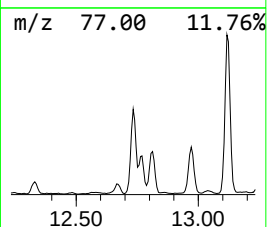
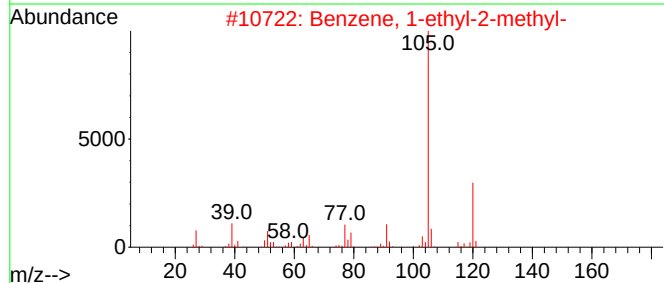
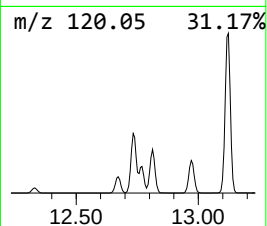
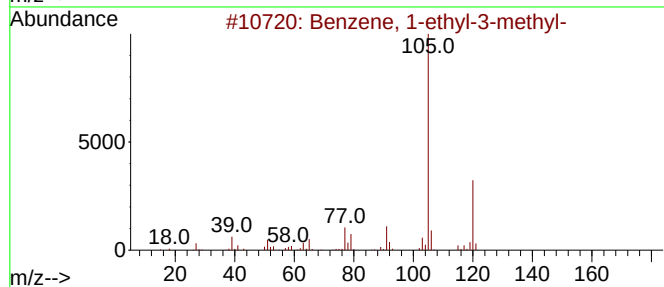
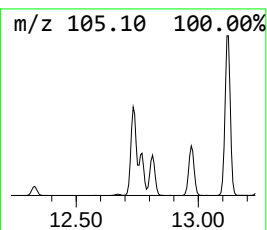
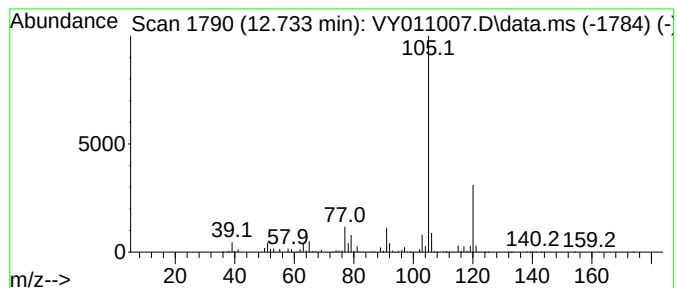
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	57.23 ug/l	1659330	1,4-Dichlorobenzene-d4	13.428

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



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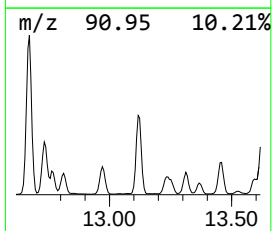
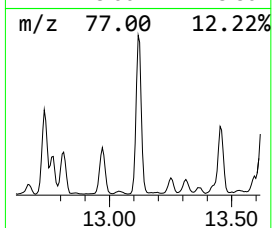
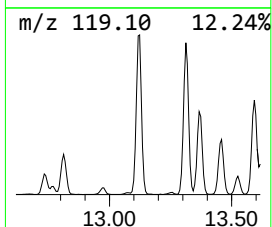
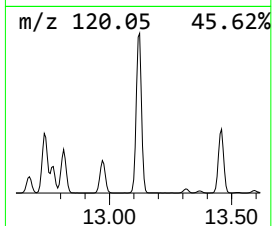
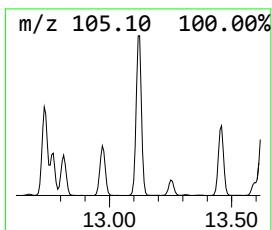
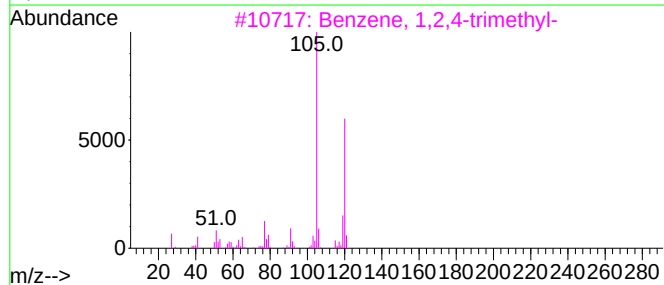
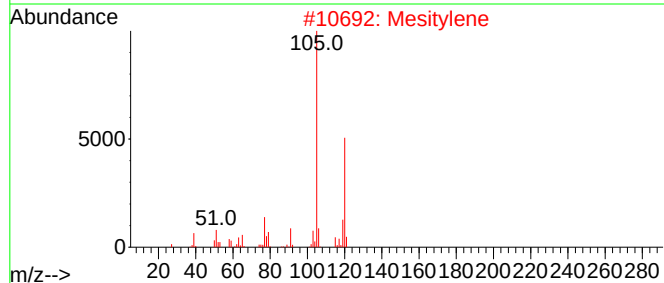
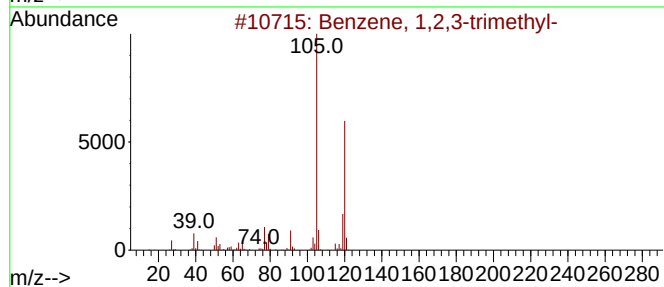
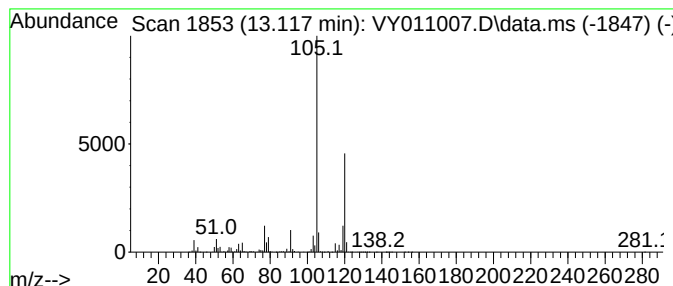
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	110.83 ug/l	3213600	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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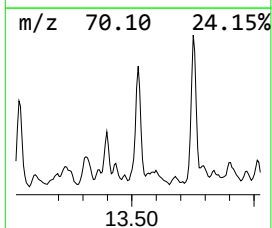
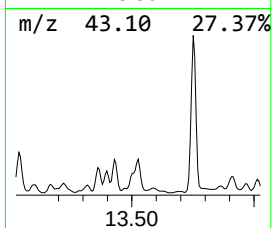
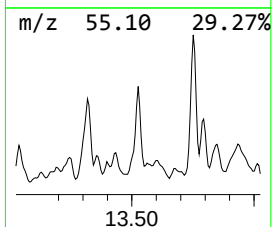
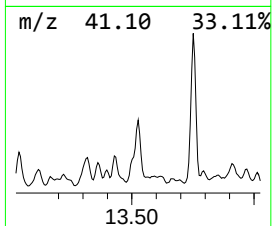
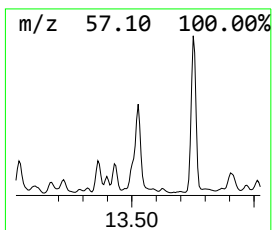
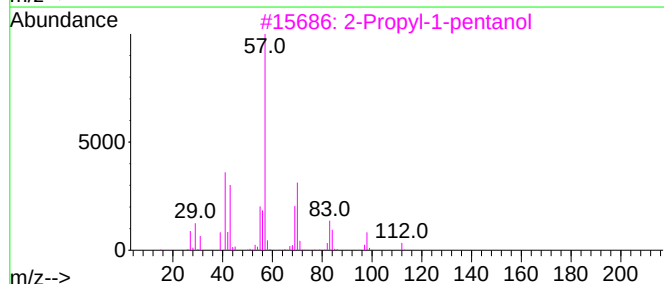
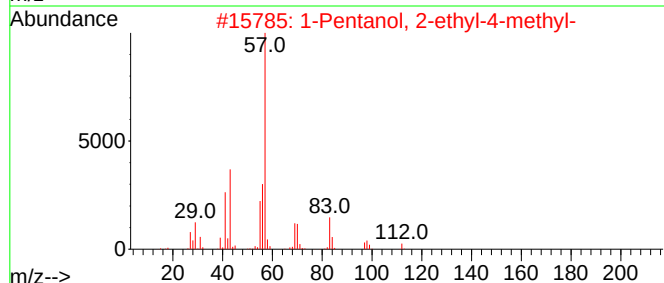
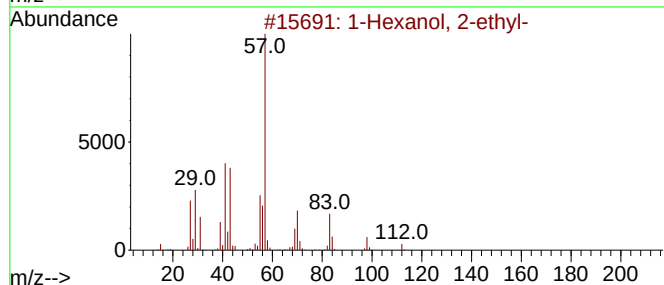
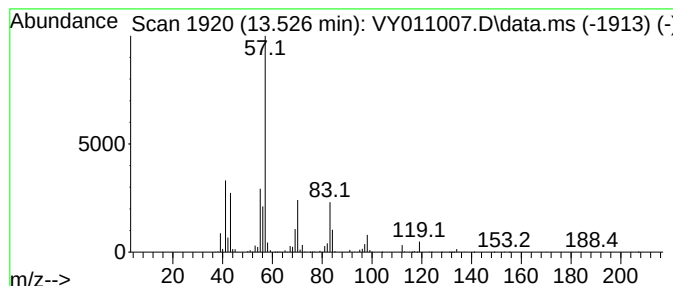
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Quant Title : SW846 8260

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	44.45 ug/l	1288760	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
3			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
4			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	47
5			3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	47



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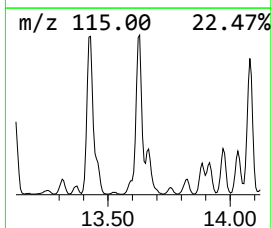
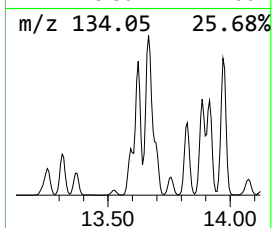
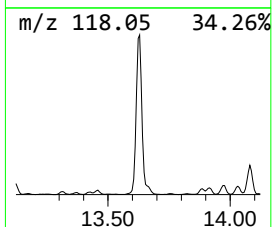
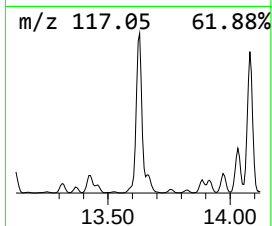
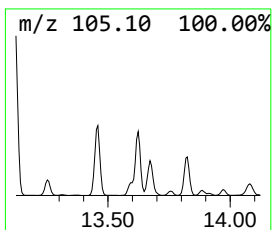
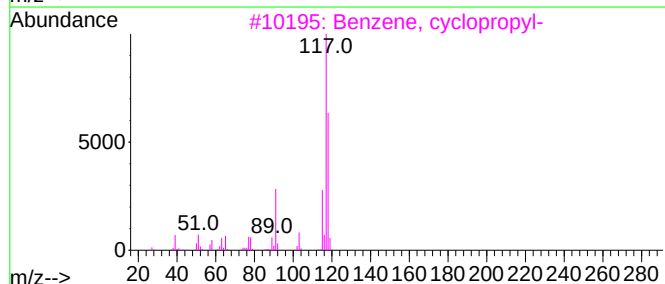
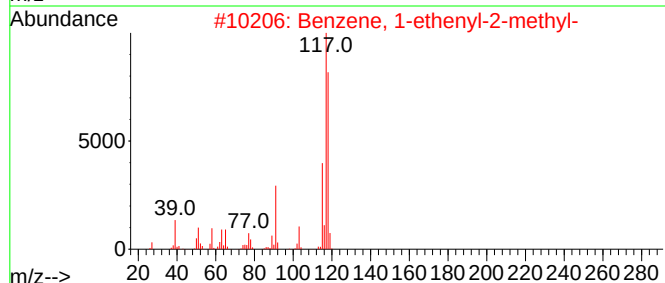
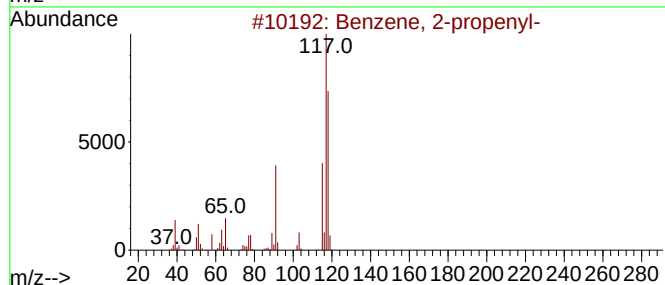
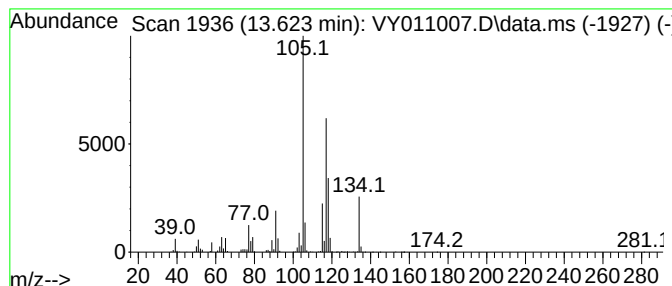
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	66.41 ug/l	1925580	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-propenyl-	118	C9H10	000300-57-2	50
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
5			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
Data File : VY011007.D
Acq On : 19 Oct 2022 12:25
Operator : KP/MD
Sample : N5170-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1594

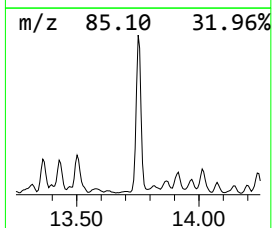
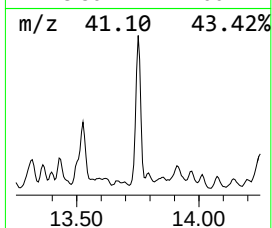
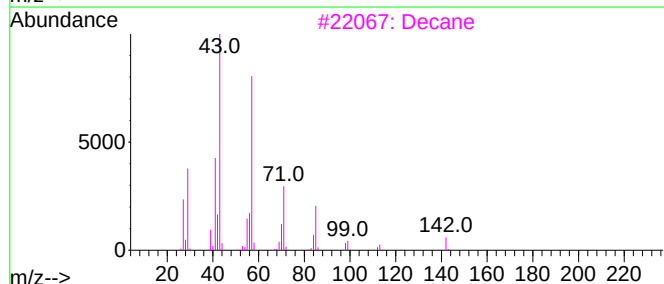
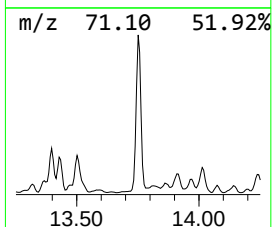
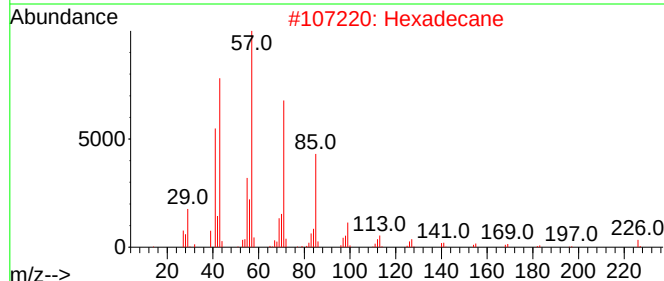
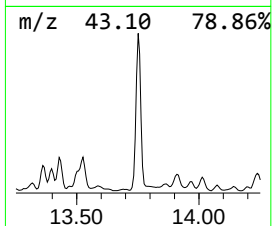
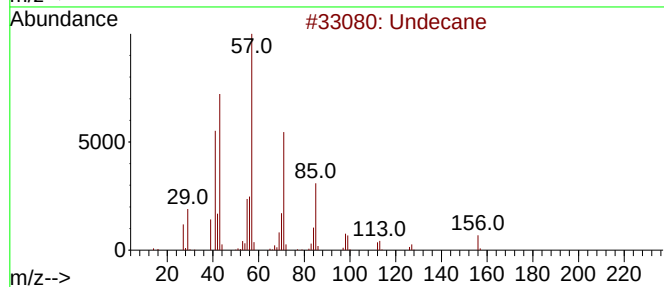
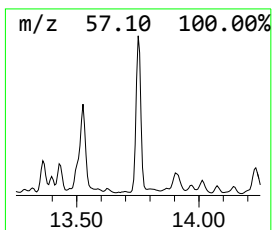
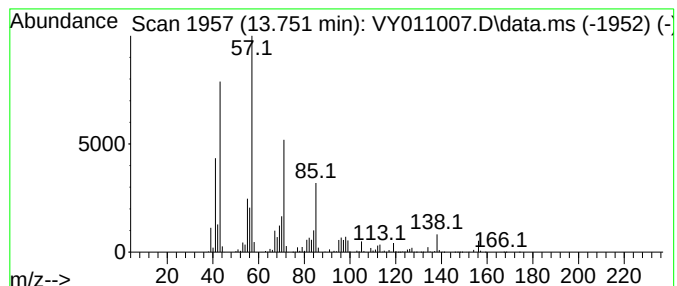
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	103.09 ug/l	2989110	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	96
2			Hexadecane	226	C16H34	000544-76-3	80
3			Decane	142	C10H22	000124-18-5	80
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
Data File : VY011007.D
Acq On : 19 Oct 2022 12:25
Operator : KP/MD
Sample : N5170-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1594

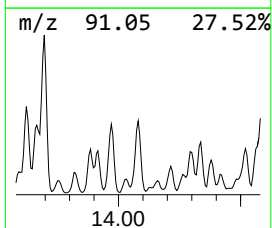
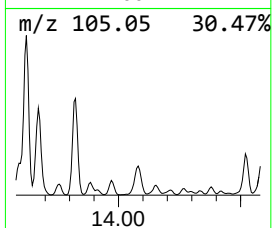
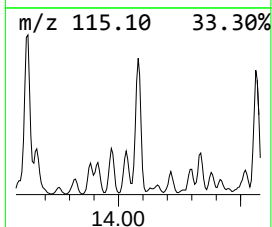
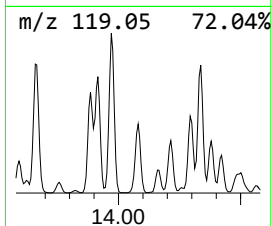
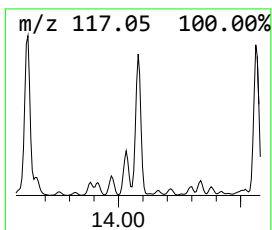
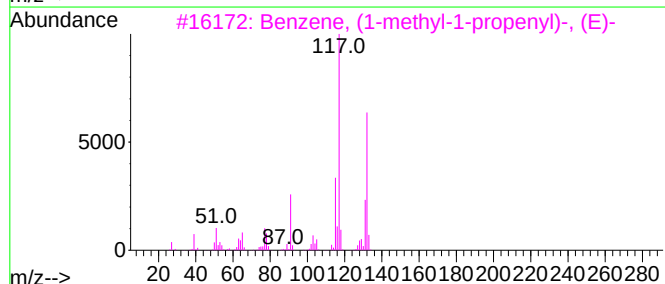
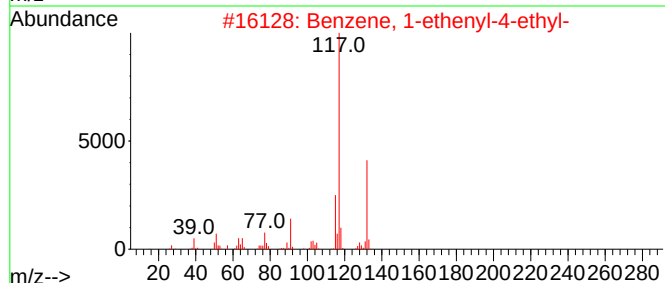
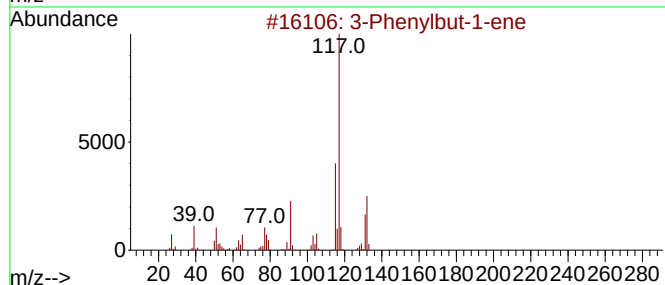
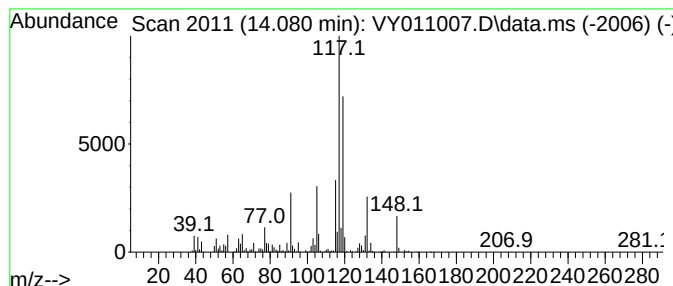
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Quant Title : SW846 8260

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

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	45.06 ug/l	1306710	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
Data File : VY011007.D
Acq On : 19 Oct 2022 12:25
Operator : KP/MD
Sample : N5170-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1594

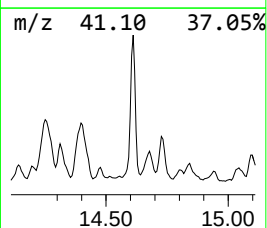
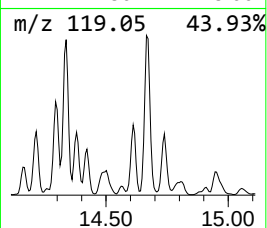
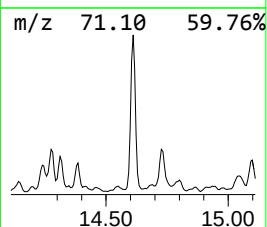
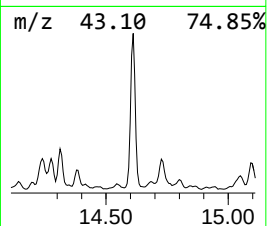
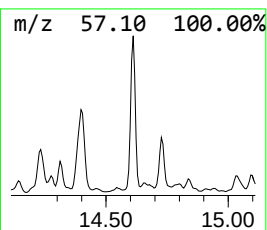
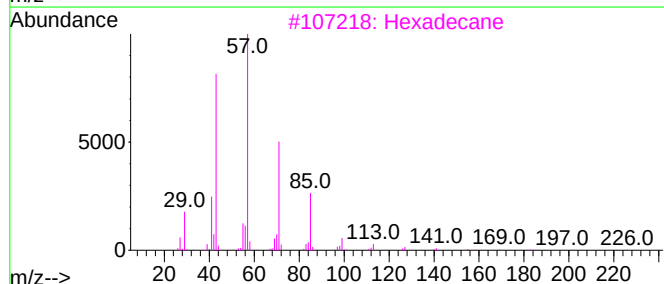
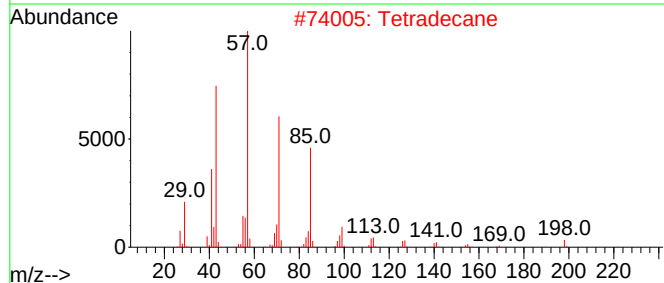
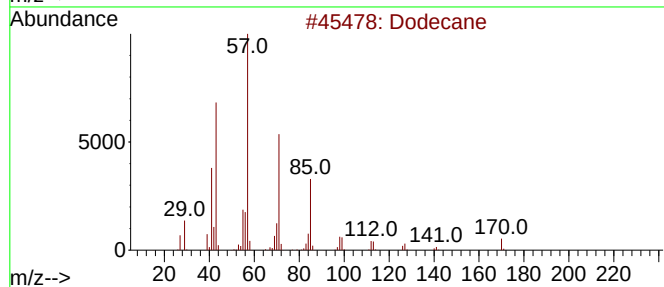
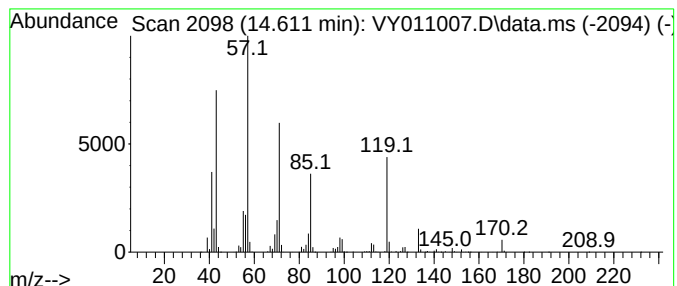
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Quant Title : SW846 8260

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

Peak Number 7 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	61.74 ug/l	1790250	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	96
2			Tetradecane	198	C14H30	000629-59-4	49
3			Hexadecane	226	C16H34	000544-76-3	49
4			Tridecane	184	C13H28	000629-50-5	49
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
Data File : VY011007.D
Acq On : 19 Oct 2022 12:25
Operator : KP/MD
Sample : N5170-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1594

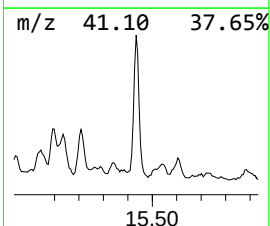
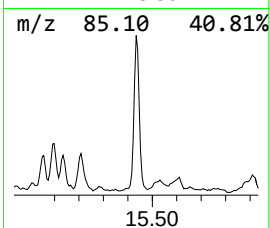
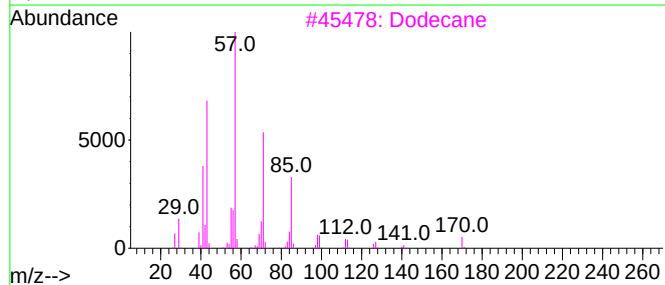
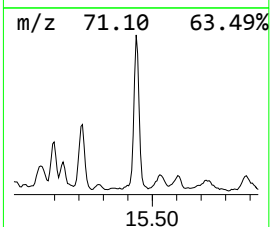
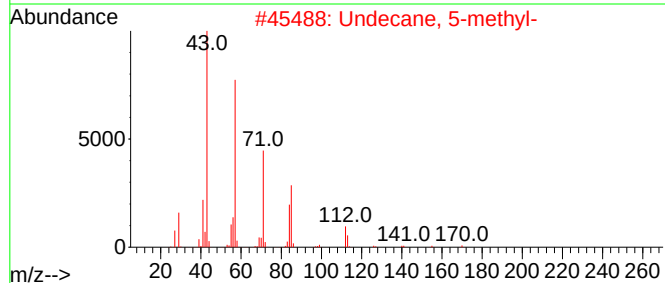
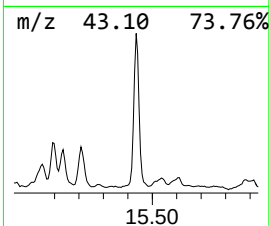
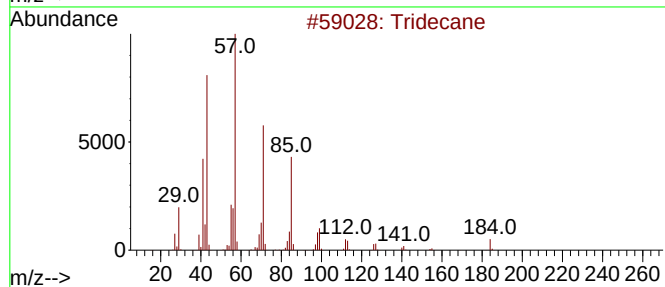
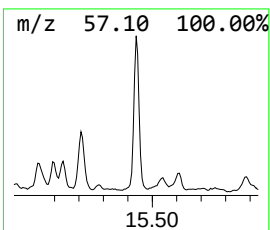
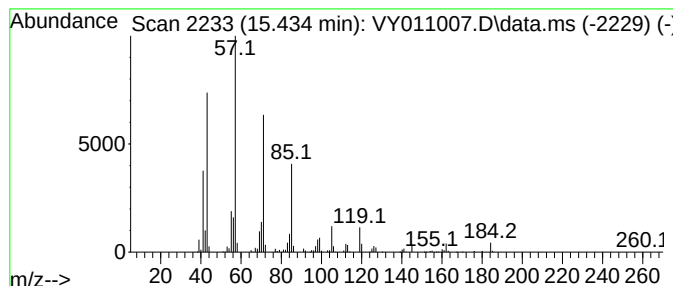
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	43.67 ug/l	1266340	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	58
3			Dodecane	170	C12H26	000112-40-3	58
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	58
5			Octacosane	394	C28H58	000630-02-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
Data File : VY011007.D
Acq On : 19 Oct 2022 12:25
Operator : KP/MD
Sample : N5170-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1594

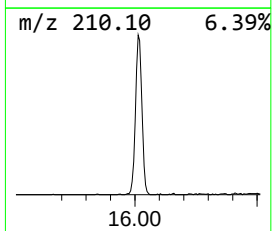
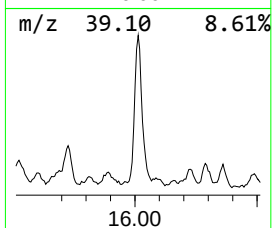
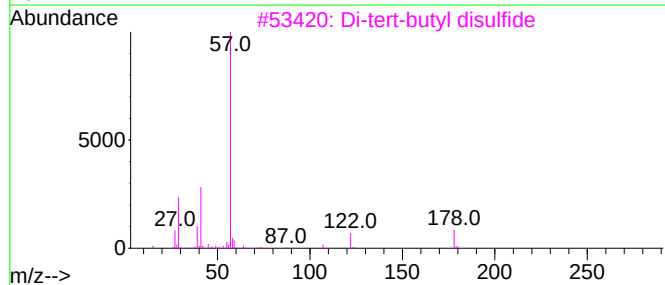
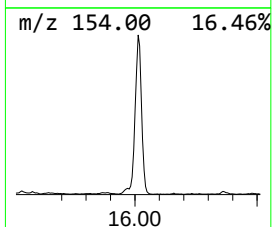
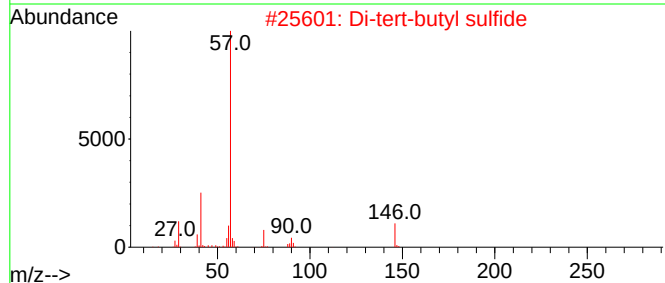
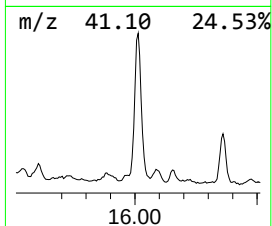
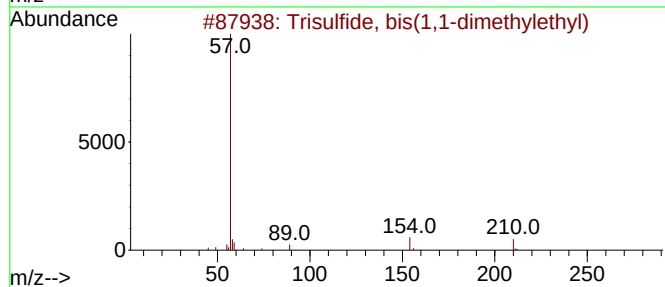
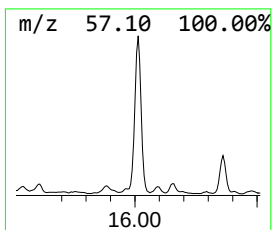
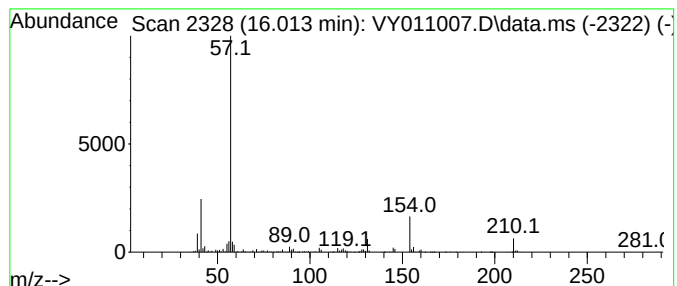
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 10 Trisulfide, bis(1,1-dimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.013	49.69 ug/l	1440960	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trisulfide, bis(1,1-dimethylethyl)	210	C8H18S3	004253-90-1	62
2			Di-tert-butyl sulfide	146	C8H18S	000107-47-1	38
3			Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	35
4			Iodothioacetic acid, S-t-butyl e...	258	C6H11IOS	1010192-69-7	23
5			Isobutyl ether	130	C8H18O	000628-55-7	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
Data File : VY011007.D
Acq On : 19 Oct 2022 12:25
Operator : KP/MD
Sample : N5170-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1594

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.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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Benzene, 1,2,3-...	13.117	110.8	ug/l	3213600	4	13.428	1449820	50.0
1-Hexanol, 2-et...	13.526	44.5	ug/l	1288760	4	13.428	1449820	50.0
Benzene, 2-prop...	13.623	66.4	ug/l	1925580	4	13.428	1449820	50.0
Undecane	13.751	103.1	ug/l	2989110	4	13.428	1449820	50.0
3-Phenylbut-1-ene	14.080	45.1	ug/l	1306710	4	13.428	1449820	50.0
Dodecane	14.611	61.7	ug/l	1790250	4	13.428	1449820	50.0
Tridecane	15.434	43.7	ug/l	1266340	4	13.428	1449820	50.0
Trisulfide, bis...	16.013	49.7	ug/l	1440960	4	13.428	1449820	50.0