

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002448.D
 Acq On : 21 Apr 2020 20:54
 Operator : SY/MD
 Sample : L2330-02
 Misc : 5.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-9-2

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.225	399	408	419	rBV	8297	23484	1.15%	0.118%
2	4.743	484	493	511	rBV7	6509	25214	1.24%	0.126%
3	7.011	854	865	882	rBV2	30503	92754	4.56%	0.465%
4	7.742	972	985	990	rBV	122382	289499	14.23%	1.452%
5	7.809	990	996	1006	rVB	227985	525149	25.81%	2.633%
6	8.163	1044	1054	1065	rBV2	119251	269668	13.25%	1.352%
7	8.340	1072	1083	1094	rVB2	9924	28755	1.41%	0.144%
8	8.705	1136	1143	1155	rVB	328760	646239	31.76%	3.240%
9	8.943	1169	1182	1191	rBV2	16228	41660	2.05%	0.209%
10	9.199	1212	1224	1230	rBV4	16269	40076	1.97%	0.201%
11	9.626	1287	1294	1301	rBV3	10453	20953	1.03%	0.105%
12	9.760	1306	1316	1322	rBV4	11555	26253	1.29%	0.132%
13	9.974	1341	1351	1363	rVB4	7942	22811	1.12%	0.114%
14	10.193	1379	1387	1395	rBV	527059	920842	45.25%	4.617%
15	10.699	1464	1470	1483	rBV	39568	76318	3.75%	0.383%
16	11.101	1531	1536	1541	rVB	19889	32072	1.58%	0.161%
17	11.211	1548	1554	1559	rBV3	12134	21416	1.05%	0.107%
18	11.296	1559	1568	1573	rVV5	11590	32263	1.59%	0.162%
19	11.388	1578	1583	1592	rBV	17888	31504	1.55%	0.158%
20	11.498	1594	1601	1611	rBV	474703	754874	37.10%	3.785%
21	11.601	1611	1618	1626	rBV	105202	178027	8.75%	0.893%
22	11.705	1626	1635	1639	rBV	60721	126903	6.24%	0.636%
23	11.784	1646	1648	1653	rVB2	14934	20847	1.02%	0.105%
24	11.930	1663	1672	1678	rVV	46323	85507	4.20%	0.429%
25	12.034	1678	1689	1697	rVV2	119924	259965	12.77%	1.303%
26	12.126	1700	1704	1708	rVB	25284	37092	1.82%	0.186%
27	12.211	1713	1718	1720	rBV4	26794	46616	2.29%	0.234%
28	12.248	1721	1724	1729	rVB3	31611	53586	2.63%	0.269%
29	12.333	1733	1738	1744	rBV	323824	515402	25.33%	2.584%
30	12.418	1750	1752	1757	rVB4	20244	24253	1.19%	0.122%
31	12.485	1757	1763	1769	rBV	367996	595119	29.24%	2.984%
32	12.583	1773	1779	1783	rBV6	13242	24682	1.21%	0.124%
33	12.650	1783	1790	1798	rVB3	45470	128402	6.31%	0.644%
34	12.741	1798	1805	1808	rBV	123187	220409	10.83%	1.105%

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35	12.772	1808	1810	1812	rVV	59691	73096	3.59%	0.367%
36	12.814	1812	1817	1822	rVV3	171502	308005	15.14%	1.544%
37	12.863	1822	1825	1829	rVB4	23083	34758	1.71%	0.174%
38	12.979	1836	1844	1851	rBV	95024	236323	11.61%	1.185%
39	13.046	1851	1855	1863	rVV2	94199	166946	8.20%	0.837%
40	13.125	1863	1868	1873	rVV	274958	409043	20.10%	2.051%
41	13.174	1873	1876	1881	rVV7	28258	41696	2.05%	0.209%
42	13.253	1887	1889	1892	rVV2	33122	45033	2.21%	0.226%
43	13.327	1892	1901	1905	rVV5	105449	272851	13.41%	1.368%
44	13.369	1906	1908	1912	rVV3	84276	118455	5.82%	0.594%
45	13.430	1912	1918	1927	rVV2	446480	769247	37.80%	3.857%
46	13.601	1938	1946	1947	rBV5	45776	91750	4.51%	0.460%
47	13.631	1947	1951	1955	rBV	187036	251700	12.37%	1.262%
48	13.668	1955	1957	1966	rVB3	99302	163817	8.05%	0.821%
49	13.759	1966	1972	1976	rBV2	333014	517139	25.41%	2.593%
50	13.820	1976	1982	1986	rBV4	60575	147667	7.26%	0.740%
51	13.894	1990	1994	1996	rBV	49703	74258	3.65%	0.372%
52	13.924	1996	1999	2003	rVB3	100966	141319	6.94%	0.709%
53	13.979	2004	2008	2012	rVB	188322	266032	13.07%	1.334%
54	14.022	2012	2015	2020	rVB2	59160	93788	4.61%	0.470%
55	14.089	2020	2026	2030	rBV2	181152	276622	13.59%	1.387%
56	14.150	2030	2036	2042	rVB6	54141	134891	6.63%	0.676%
57	14.223	2042	2048	2050	rBV4	62506	125276	6.16%	0.628%
58	14.272	2051	2056	2059	rBV3	83521	162828	8.00%	0.816%
59	14.345	2064	2068	2072	rVV	194136	296637	14.58%	1.487%
60	14.387	2072	2075	2079	rVV2	123762	181936	8.94%	0.912%
61	14.430	2079	2082	2085	rVV2	117444	166036	8.16%	0.833%
62	14.461	2085	2087	2093	rVV3	47823	91411	4.49%	0.458%
63	14.528	2095	2098	2101	rVB2	51021	65341	3.21%	0.328%
64	14.576	2101	2106	2109	rBV2	85808	137186	6.74%	0.688%
65	14.619	2109	2113	2118	rVB	346904	469437	23.07%	2.354%
66	14.686	2118	2124	2130	rBV3	295844	700659	34.43%	3.513%
67	14.741	2130	2133	2139	rVB3	141291	254670	12.51%	1.277%
68	14.845	2145	2150	2154	rBV	140541	196581	9.66%	0.986%
69	14.918	2159	2162	2163	rBV3	26646	26299	1.29%	0.132%
70	14.954	2163	2168	2171	rBV3	172904	282302	13.87%	1.415%
71	15.064	2180	2186	2195	rVB2	187249	415403	20.41%	2.083%

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72	15.149	2197	2200	2205	rVB4	57355	89515	4.40%	0.449%
73	15.247	2206	2216	2222	rBV	1115971	2034960	100.00%	10.203%
74	15.302	2222	2225	2228	rBV2	32927	42364	2.08%	0.212%
75	15.351	2228	2233	2238	rBV5	87604	179570	8.82%	0.900%
76	15.448	2245	2249	2256	rVB3	191800	316403	15.55%	1.586%
77	15.540	2257	2264	2271	rBV3	95961	258409	12.70%	1.296%
78	15.613	2273	2276	2281	rVB4	54741	93399	4.59%	0.468%
79	15.698	2281	2290	2293	rBV5	86135	232900	11.44%	1.168%
80	15.826	2308	2311	2316	rVB4	54305	89553	4.40%	0.449%
81	15.893	2317	2322	2329	rBV4	70633	152727	7.51%	0.766%
82	16.046	2340	2347	2352	rBV4	92522	208649	10.25%	1.046%
83	16.168	2363	2367	2372	rBV2	47886	76124	3.74%	0.382%
84	16.247	2375	2380	2384	rVV5	79814	173641	8.53%	0.871%
85	16.308	2384	2390	2396	rVV	232789	467392	22.97%	2.344%
86	16.375	2397	2401	2408	rVB3	76349	139357	6.85%	0.699%
87	16.503	2415	2422	2436	rVB	405606	943903	46.38%	4.733%

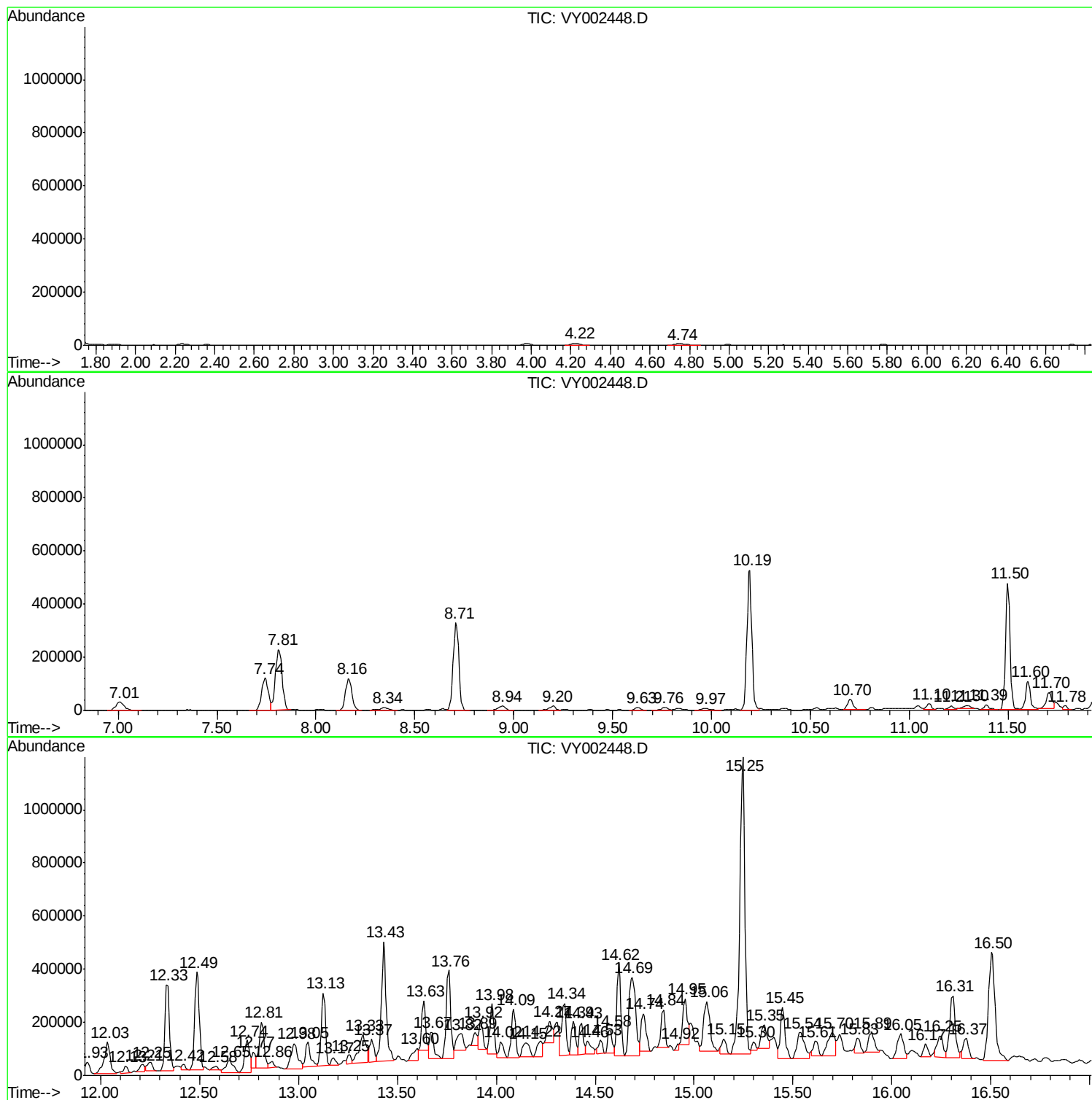
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260

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



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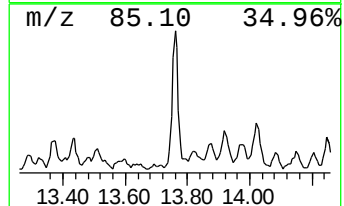
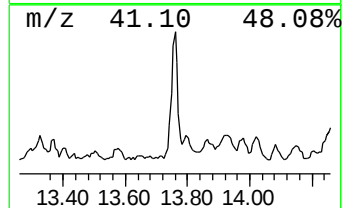
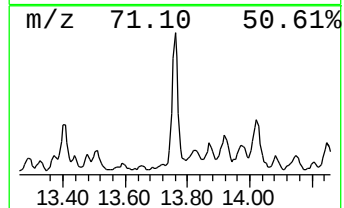
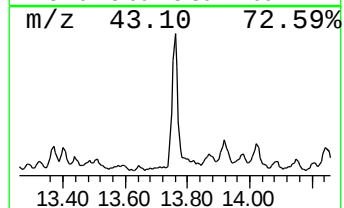
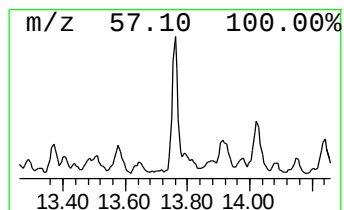
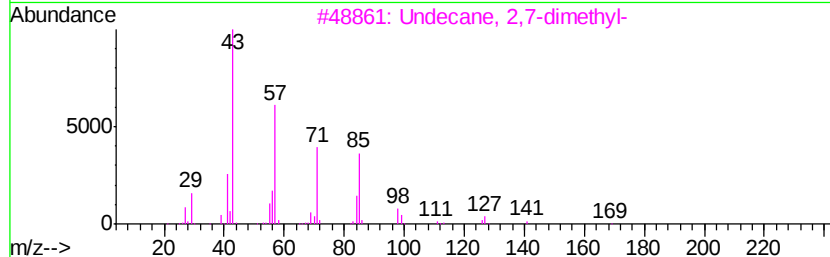
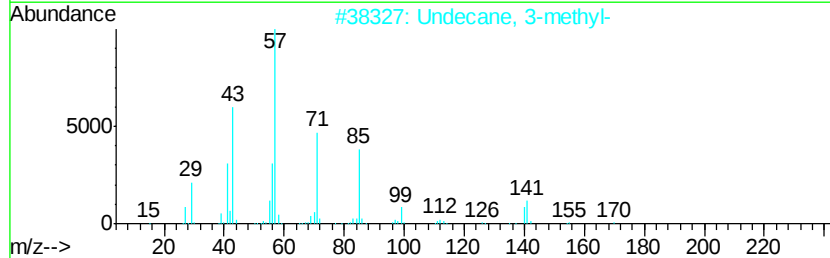
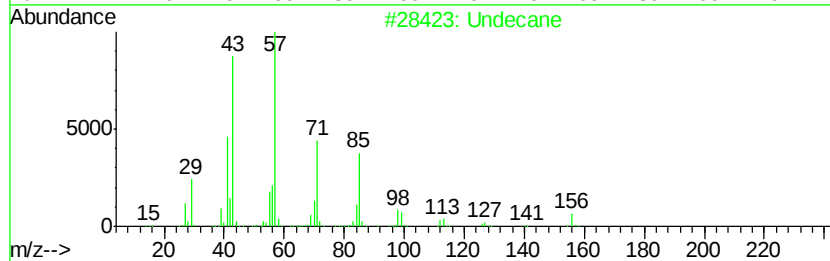
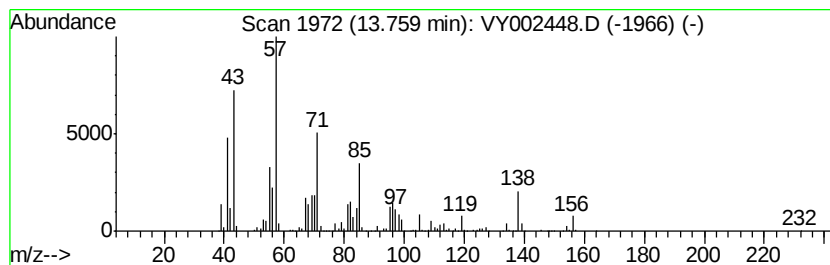
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	33.61 ug/l	517139	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	93
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43



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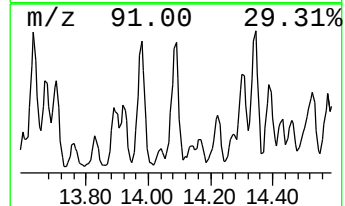
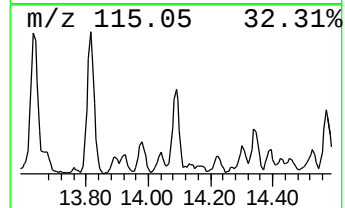
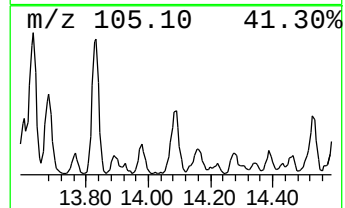
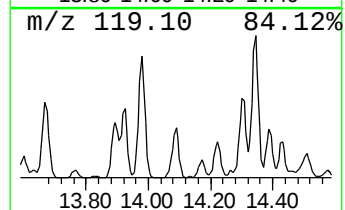
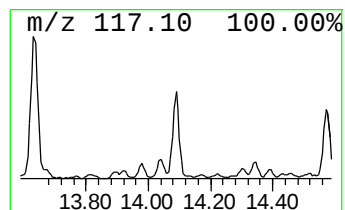
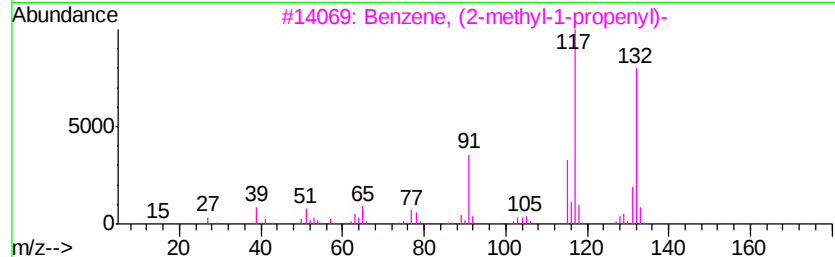
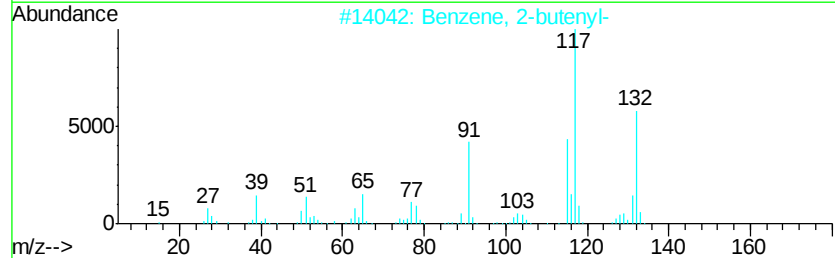
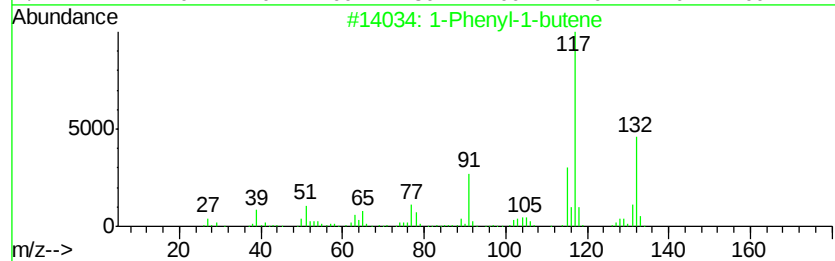
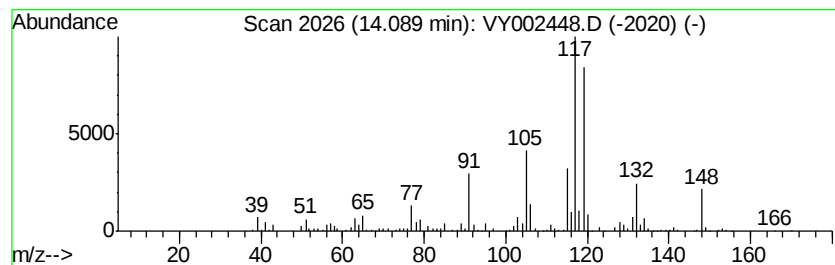
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	17.98 ug/l	276622	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	49



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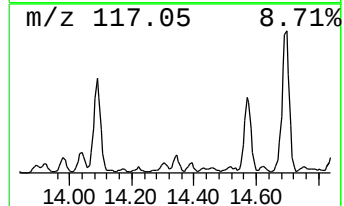
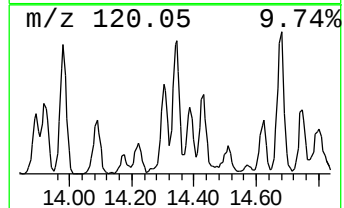
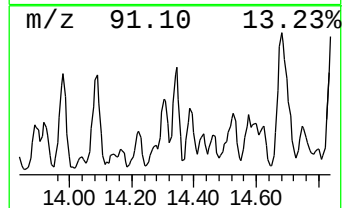
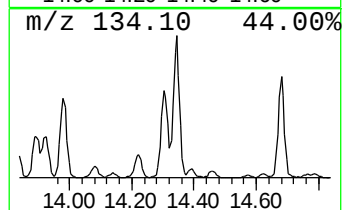
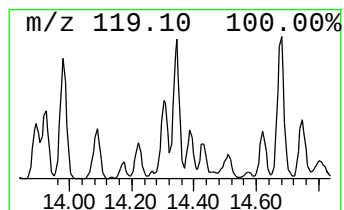
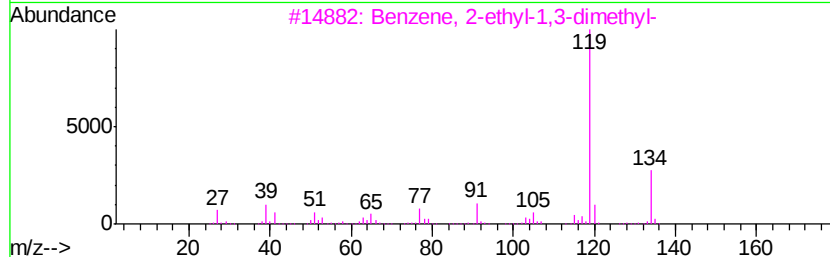
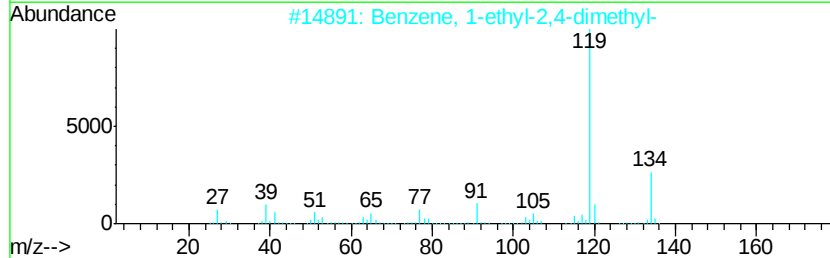
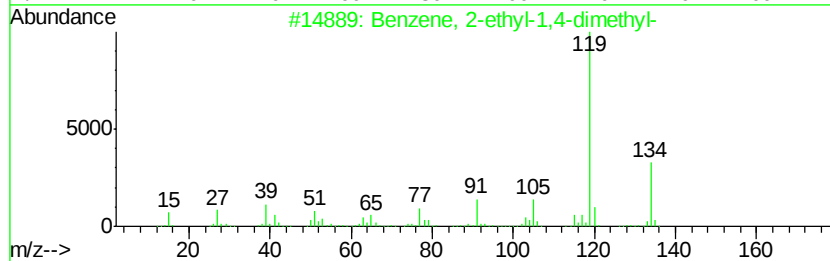
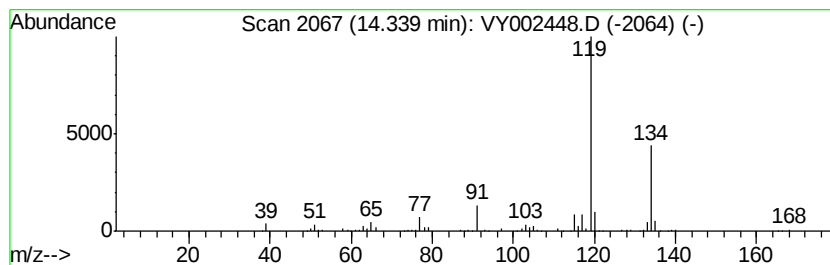
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	19.28 ug/l	296637	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



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WB-9-2

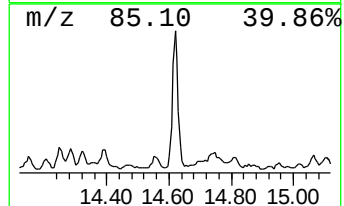
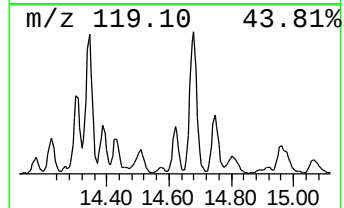
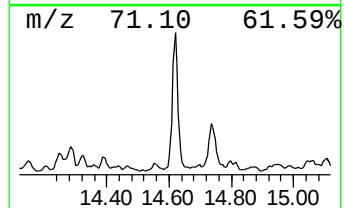
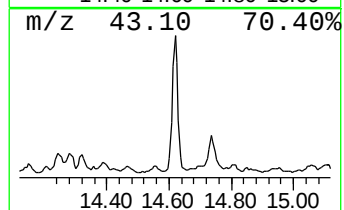
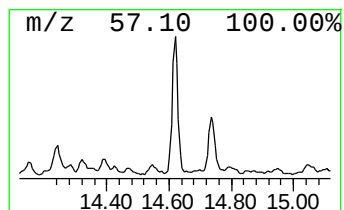
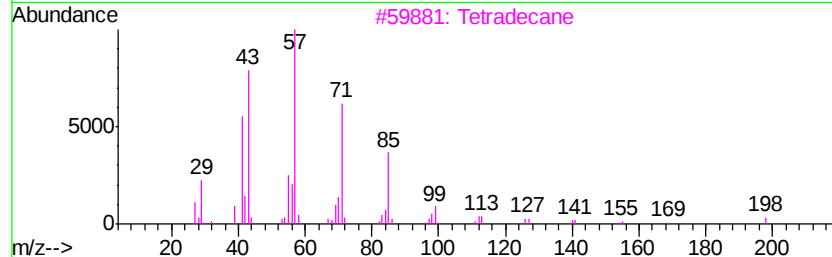
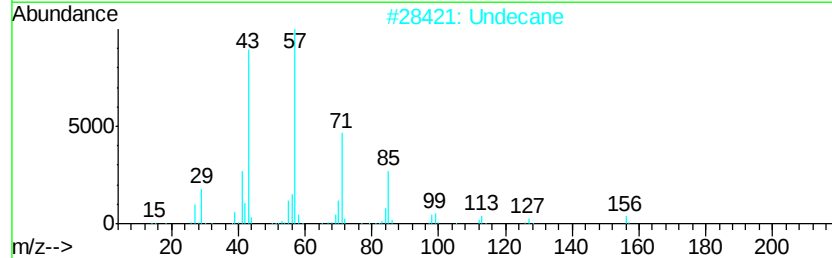
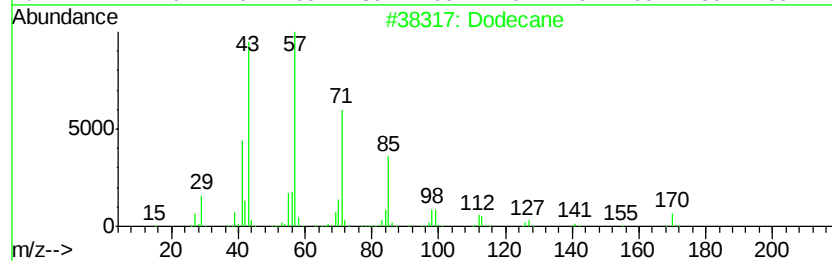
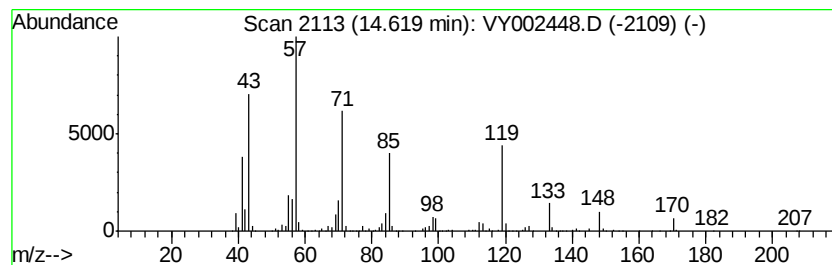
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Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	30.51 ug/l	469437	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	93
2		Undecane	156	C11H24	001120-21-4	49
3		Tetradecane	198	C14H30	000629-59-4	49
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
5		Nonane	128	C9H20	000111-84-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
Data File : VY002448.D
Acq On : 21 Apr 2020 20:54
Operator : SY/MD
Sample : L2330-02
Misc : 5.36G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-9-2

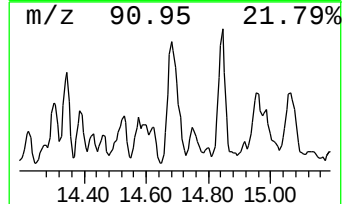
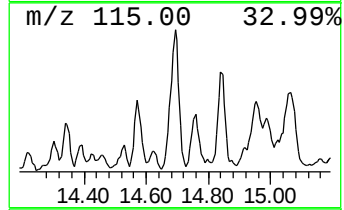
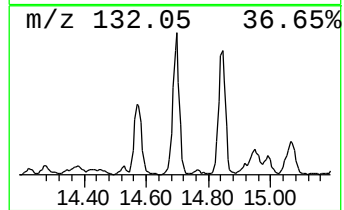
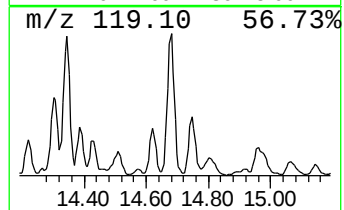
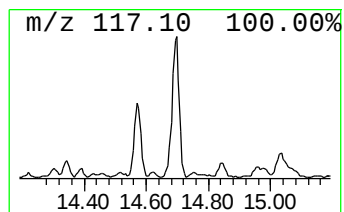
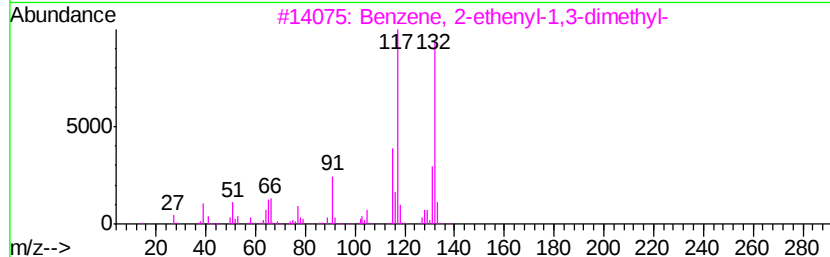
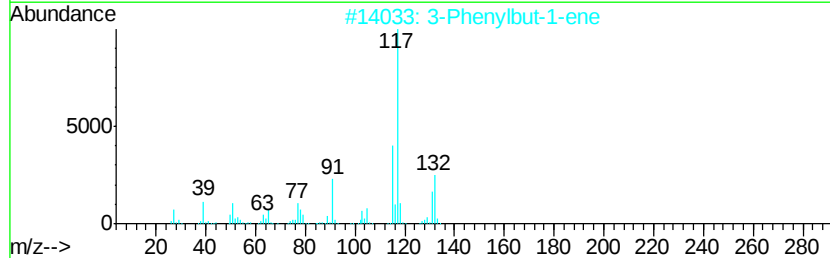
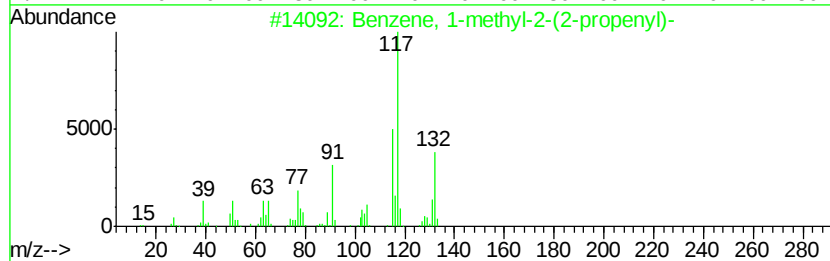
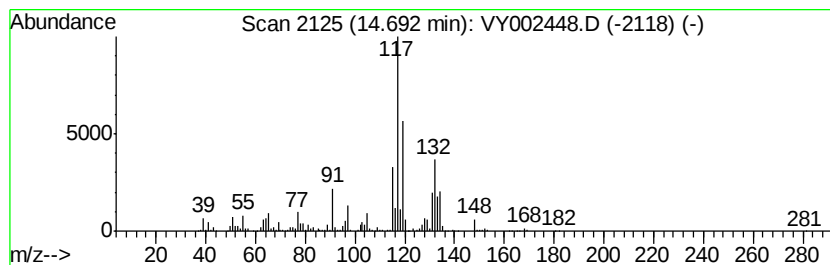
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	45.54 ug/l	700659	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	80
4		p-Cymene	134	C10H14	000099-87-6	46
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
Data File : VY002448.D
Acq On : 21 Apr 2020 20:54
Operator : SY/MD
Sample : L2330-02
Misc : 5.36G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-9-2

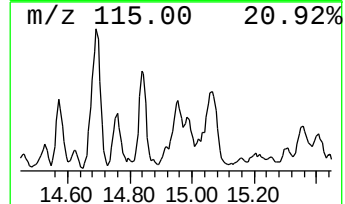
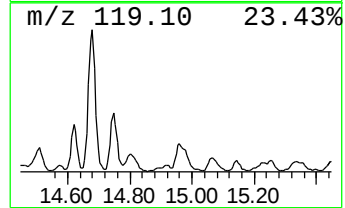
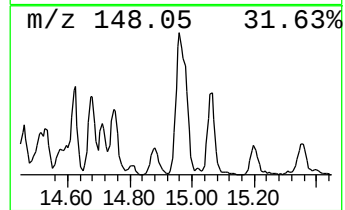
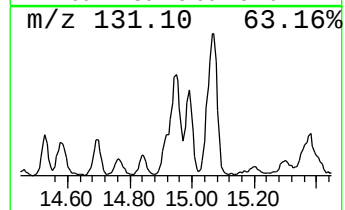
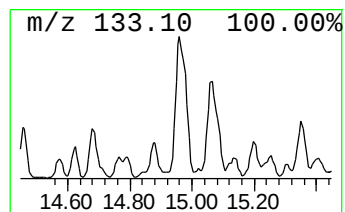
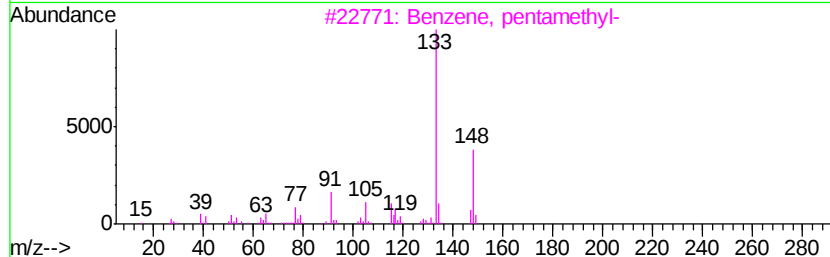
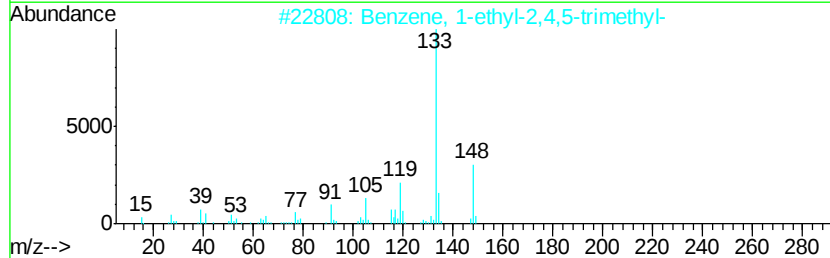
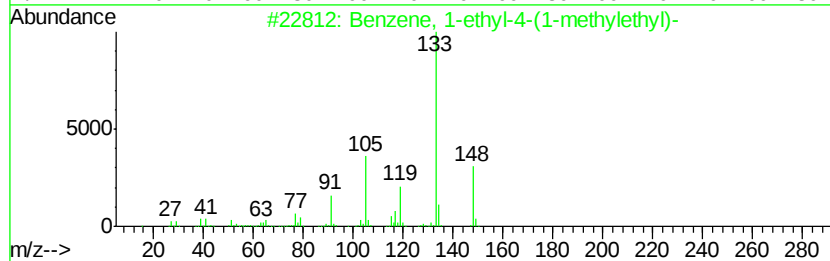
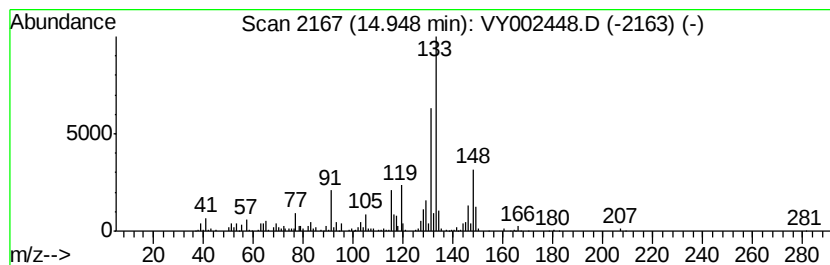
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	18.35 ug/l	282302	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
2		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
5		Pyrazine, 3,5-dimethyl-2-(1-prop...	148	C9H12N2	055138-74-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
Data File : VY002448.D
Acq On : 21 Apr 2020 20:54
Operator : SY/MD
Sample : L2330-02
Misc : 5.36G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

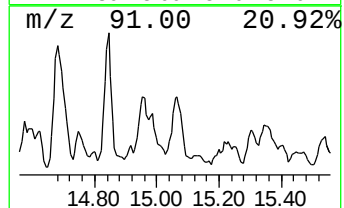
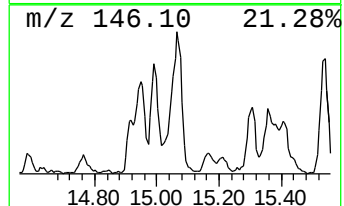
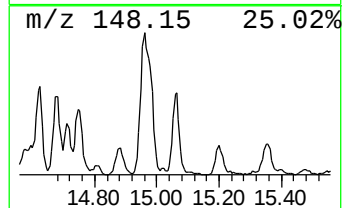
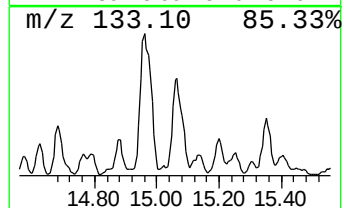
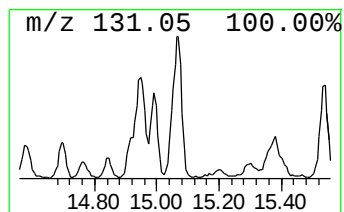
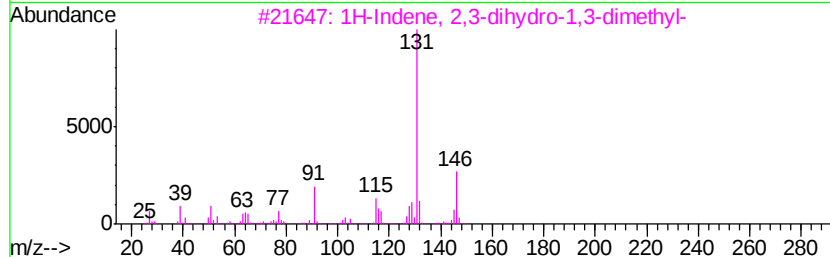
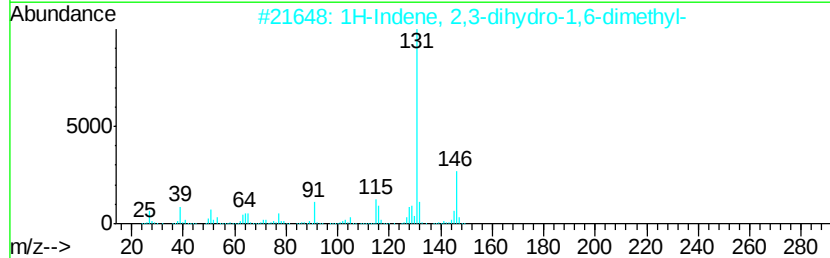
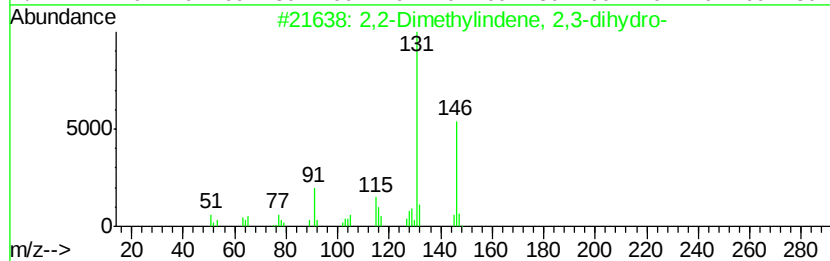
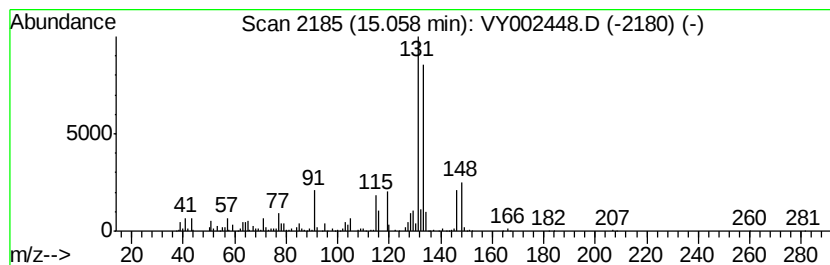
Instrument :
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ClientSampleId :
WB-9-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260

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

Peak Number 7 2,2-Dimethylindene, 2,3-dih... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.06	27.00 ug/l	415403	1,4-Dichlorobenzene-d4	13.43		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60	
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60	
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60	
4	Bicyclo[4.2.0]octa-1,3,5-triene, ...	146	C11H14	027087-54-3	60	
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002448.D
 Acq On : 21 Apr 2020 20:54
 Operator : SY/MD
 Sample : L2330-02
 Misc : 5.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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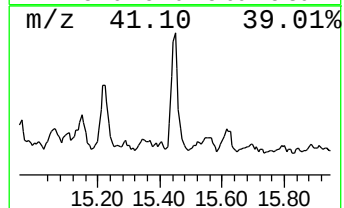
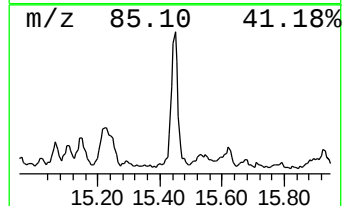
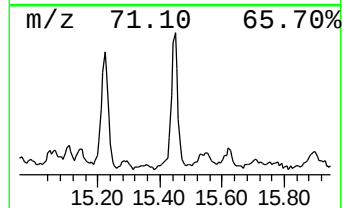
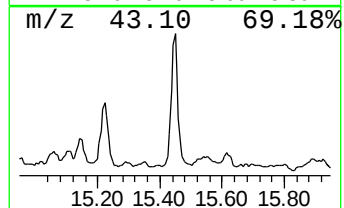
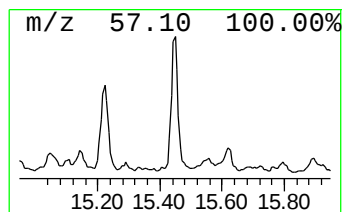
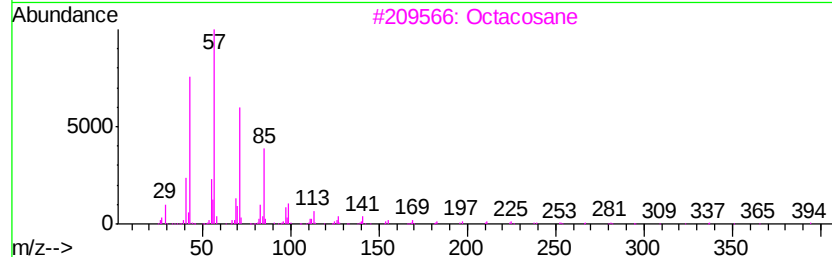
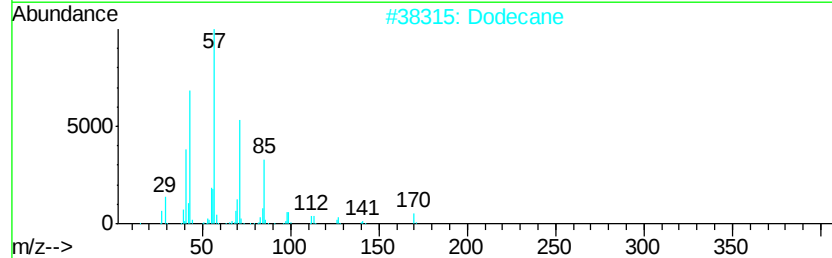
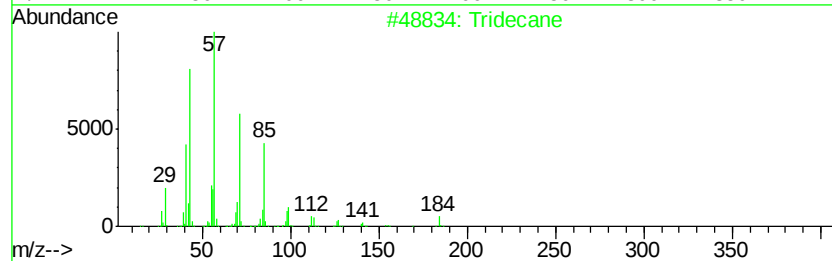
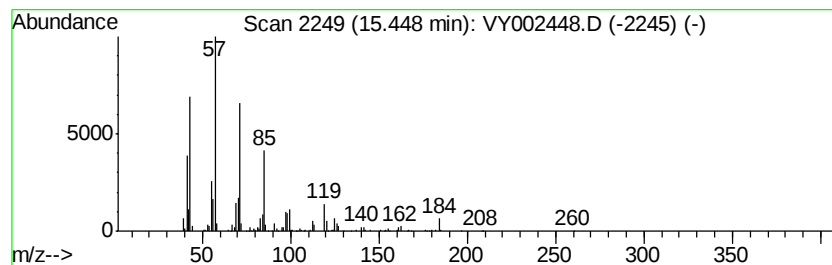
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260

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

 Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	20.57 ug/l	316403	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Dodecane		170	C12H26	000112-40-3	72
3	Octacosane		394	C28H58	000630-02-4	72
4	Tetradecane		198	C14H30	000629-59-4	68
5	10-Methylnonadecane		282	C20H42	056862-62-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
Data File : VY002448.D
Acq On : 21 Apr 2020 20:54
Operator : SY/MD
Sample : L2330-02
Misc : 5.36G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-9-2

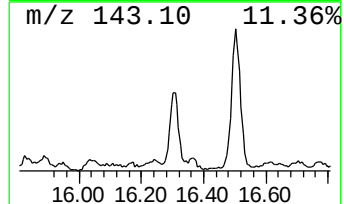
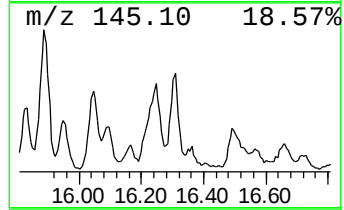
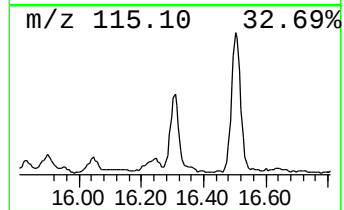
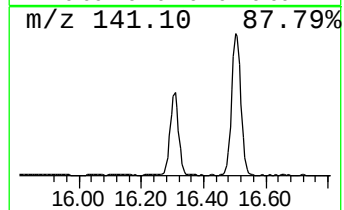
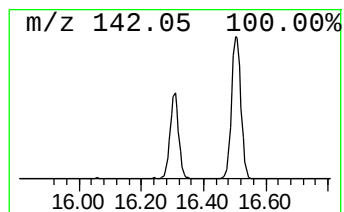
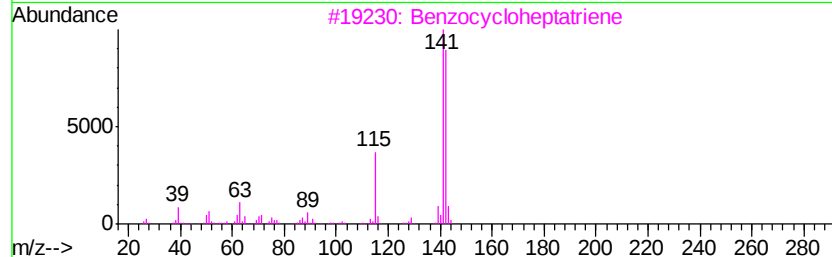
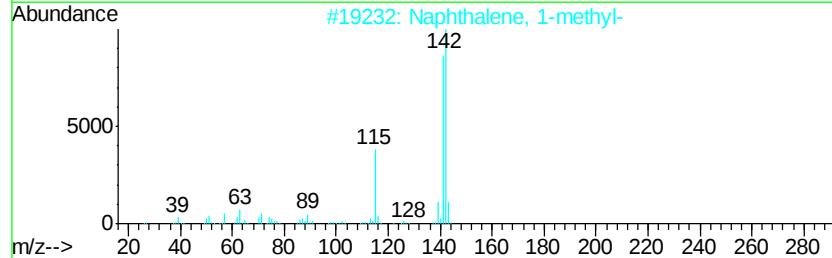
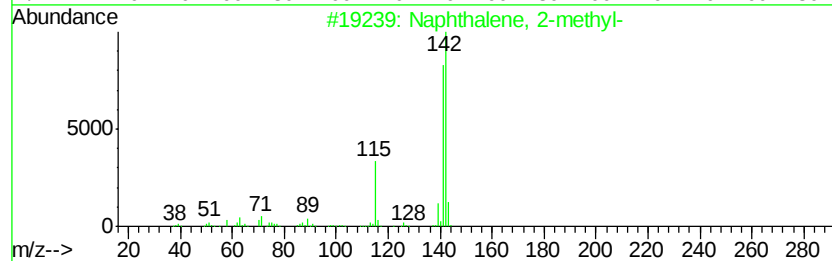
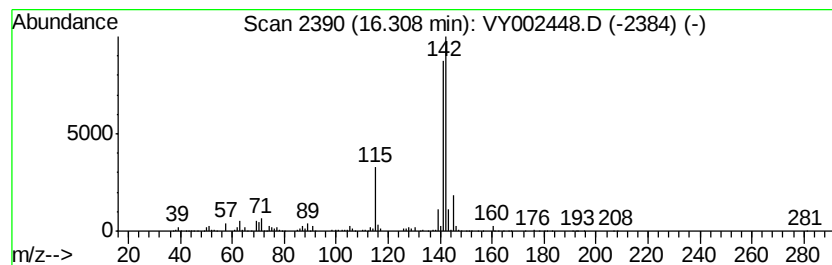
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	30.38 ug/l	467392	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY042120\
Data File : VY002448.D
Acq On : 21 Apr 2020 20:54
Operator : SY/MD
Sample : L2330-02
Misc : 5.36G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-9-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.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
Undecane	13.76	33.6	ug/l	517139	4	13.43	769247	50.0
1-Phenyl-1-butene	14.09	18.0	ug/l	276622	4	13.43	769247	50.0
Benzene, 2-ethyl-...	14.34	19.3	ug/l	296637	4	13.43	769247	50.0
Dodecane	14.62	30.5	ug/l	469437	4	13.43	769247	50.0
Benzene, 1-methyl...	14.69	45.5	ug/l	700659	4	13.43	769247	50.0
Benzene, 1-ethyl-...	14.95	18.4	ug/l	282302	4	13.43	769247	50.0
2,2-Dimethylinden...	15.06	27.0	ug/l	415403	4	13.43	769247	50.0
Tridecane	15.45	20.6	ug/l	316403	4	13.43	769247	50.0
Naphthalene, 1-me...	16.31	30.4	ug/l	467392	4	13.43	769247	50.0