

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002050.D
 Acq On : 24 Mar 2020 15:03
 Operator : SY/MD
 Sample : L2013-04
 Misc : 8.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-8-9

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\82Y030420S.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	1.871	17	22	34	rVB2	29727	48005	5.62%	0.555%
2	2.231	76	81	83	rBV	11231	17427	2.04%	0.202%
3	2.255	83	85	97	rVB3	14868	22460	2.63%	0.260%
4	2.920	187	194	199	rBV4	6362	13595	1.59%	0.157%
5	3.267	244	251	261	rBV3	8473	24154	2.83%	0.279%
6	3.975	354	367	377	rBV	21476	61253	7.17%	0.709%
7	4.218	394	407	421	rVB	20418	57386	6.71%	0.664%
8	4.737	479	492	498	rBV6	3906	14059	1.65%	0.163%
9	5.249	564	576	577	rBV4	6620	13726	1.61%	0.159%
10	5.596	623	633	646	rVB8	2192	8898	1.04%	0.103%
11	5.773	652	662	672	rBV4	4681	13739	1.61%	0.159%
12	7.011	856	865	878	rBV3	15650	42846	5.01%	0.496%
13	7.736	971	984	990	rBV	108294	263428	30.82%	3.048%
14	7.809	990	996	1005	rVV	185260	417929	48.90%	4.835%
15	7.882	1005	1008	1017	rVB4	4485	10159	1.19%	0.118%
16	8.157	1044	1053	1065	rBV2	123315	292620	34.24%	3.385%
17	8.553	1112	1118	1127	rVB7	3893	9228	1.08%	0.107%
18	8.705	1134	1143	1154	rBV	316003	629539	73.66%	7.283%
19	8.943	1173	1182	1193	rBV9	3344	9594	1.12%	0.111%
20	9.187	1218	1222	1229	rVB6	5539	11794	1.38%	0.136%
21	9.620	1288	1293	1299	rBV3	5454	9408	1.10%	0.109%
22	10.187	1378	1386	1393	rBV	489894	854604	100.00%	9.887%
23	10.254	1393	1397	1402	rVB	23521	37845	4.43%	0.438%
24	10.376	1408	1417	1423	rVB7	4209	13086	1.53%	0.151%
25	11.095	1530	1535	1540	rVB2	8443	14166	1.66%	0.164%
26	11.303	1564	1569	1577	rVB8	4561	11215	1.31%	0.130%
27	11.498	1594	1601	1610	rBV	444800	707213	82.75%	8.182%
28	11.601	1612	1618	1622	rBV	15604	26148	3.06%	0.303%
29	11.699	1628	1634	1639	rBV3	24044	53302	6.24%	0.617%
30	11.845	1652	1658	1662	rBV3	6734	13640	1.60%	0.158%
31	11.906	1663	1668	1672	rVB4	7621	14007	1.64%	0.162%
32	11.991	1677	1682	1687	rBV4	18403	42549	4.98%	0.492%
33	12.052	1687	1692	1697	rVB4	18555	41534	4.86%	0.481%
34	12.126	1702	1704	1708	rVB	7635	9520	1.11%	0.110%

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35	12.205	1708	1717	1721	rBV5	24080	60115	7.03%	0.695%
36	12.315	1728	1735	1737	rBV4	37075	76185	8.91%	0.881%
37	12.394	1745	1748	1750	rBV3	10533	13185	1.54%	0.153%
38	12.430	1750	1754	1757	rVV4	18024	25293	2.96%	0.293%
39	12.485	1757	1763	1769	rVB	306735	483824	56.61%	5.597%
40	12.583	1769	1779	1782	rBV7	27679	83920	9.82%	0.971%
41	12.650	1786	1790	1797	rVB3	56232	105770	12.38%	1.224%
42	12.747	1797	1806	1811	rBV7	36739	105203	12.31%	1.217%
43	12.821	1811	1818	1826	rBV9	67752	190718	22.32%	2.206%
44	12.955	1835	1840	1847	rVB5	52522	89988	10.53%	1.041%
45	13.077	1852	1860	1865	rBV6	47102	97719	11.43%	1.131%
46	13.131	1865	1869	1873	rBV3	38345	64179	7.51%	0.743%
47	13.174	1873	1876	1884	rVB7	31897	59900	7.01%	0.693%
48	13.259	1884	1890	1892	rBV3	29558	61326	7.18%	0.709%
49	13.357	1903	1906	1910	rBV5	11838	18948	2.22%	0.219%
50	13.430	1912	1918	1926	rVB	314929	530628	62.09%	6.139%
51	13.570	1937	1941	1945	rVB4	28423	49562	5.80%	0.573%
52	13.631	1946	1951	1956	rBV4	25239	55043	6.44%	0.637%
53	13.753	1966	1971	1976	rVV5	46360	75914	8.88%	0.878%
54	13.814	1978	1981	1986	rVB4	19750	32651	3.82%	0.378%
55	13.967	2003	2006	2013	rVB7	24965	46638	5.46%	0.540%
56	14.089	2020	2026	2030	rBV2	63891	107879	12.62%	1.248%
57	14.137	2030	2034	2042	rVB7	35818	79992	9.36%	0.925%
58	14.217	2044	2047	2051	rVB3	17611	23971	2.80%	0.277%
59	14.272	2051	2056	2065	rBV3	81989	187947	21.99%	2.174%
60	14.375	2068	2073	2078	rBV4	34413	74184	8.68%	0.858%
61	14.528	2095	2098	2101	rVB2	9677	11141	1.30%	0.129%
62	14.582	2104	2107	2111	rVV3	15235	21730	2.54%	0.251%
63	14.625	2111	2114	2117	rVB4	11736	13183	1.54%	0.153%
64	14.680	2117	2123	2129	rBV2	64453	122603	14.35%	1.418%
65	14.753	2129	2135	2139	rVB8	16238	34821	4.07%	0.403%
66	14.838	2145	2149	2153	rBV3	20552	32762	3.83%	0.379%
67	14.948	2163	2167	2171	rBV5	16648	22797	2.67%	0.264%
68	15.027	2175	2180	2189	rVB	43165	86447	10.12%	1.000%
69	15.137	2194	2198	2199	rVV4	10097	14440	1.69%	0.167%
70	15.162	2199	2202	2206	rVV5	20059	37839	4.43%	0.438%
71	15.241	2209	2215	2226	rVV	404729	702491	82.20%	8.127%

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Integration Parameters: RTEINT.P

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72	15.338	2227	2231	2238	rVB7	22089	48015	5.62%	0.555%
73	15.448	2247	2249	2254	rVB5	9123	13634	1.60%	0.158%
74	15.613	2270	2276	2283	rVB6	25967	54975	6.43%	0.636%
75	15.698	2288	2290	2297	rVB7	9892	17743	2.08%	0.205%
76	15.954	2327	2332	2339	rVB3	35329	65227	7.63%	0.755%
77	16.235	2373	2378	2384	rBV	72360	153023	17.91%	1.770%
78	16.302	2384	2389	2398	rVB	134142	268248	31.39%	3.103%
79	16.503	2415	2422	2434	rVB3	124367	291729	34.14%	3.375%

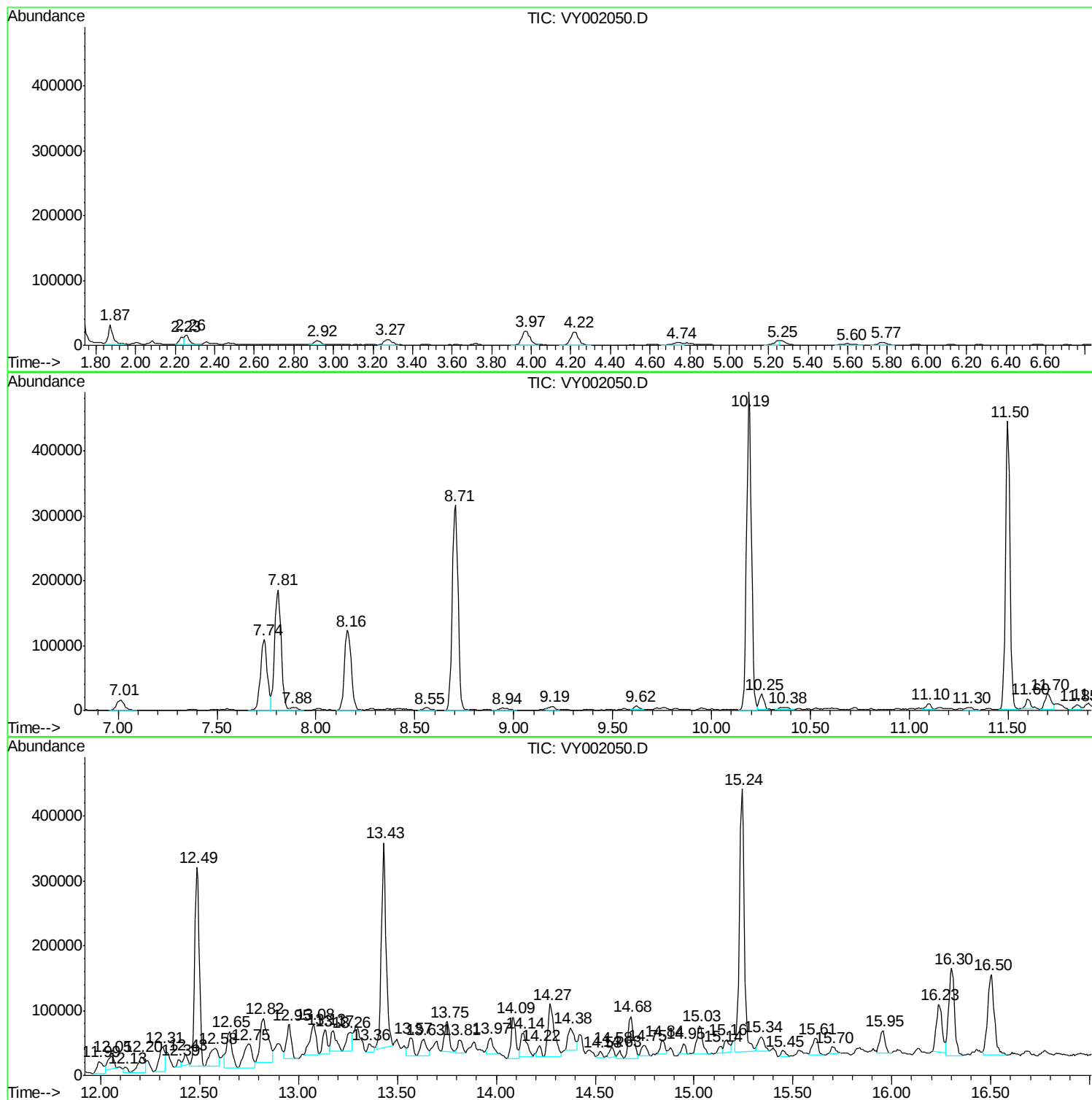
Sum of corrected areas: 8643606

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Instrument :
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GHD1-SB-03-8-9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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



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Sample : L2013-04
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Instrument :
MSVOA_Y
ClientSampled :
GHD1-SB-03-8-9

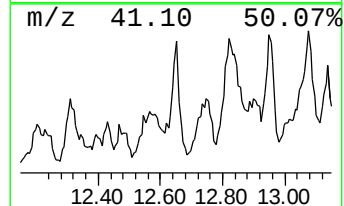
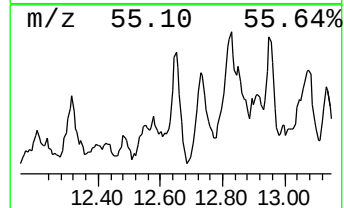
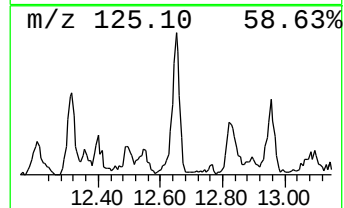
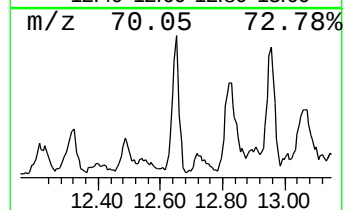
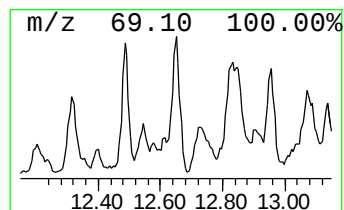
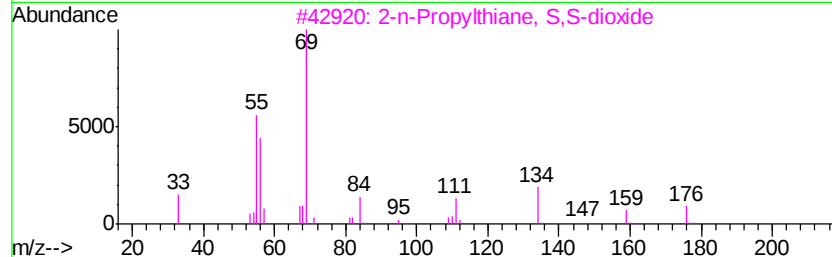
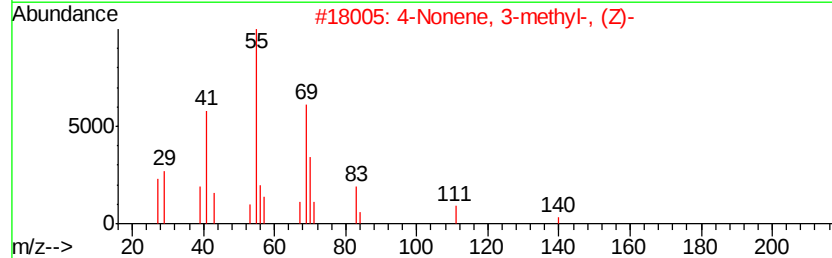
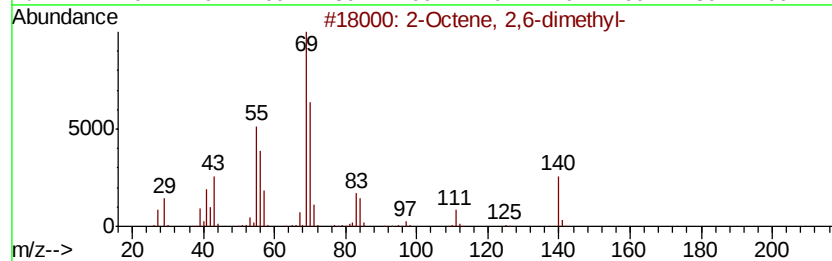
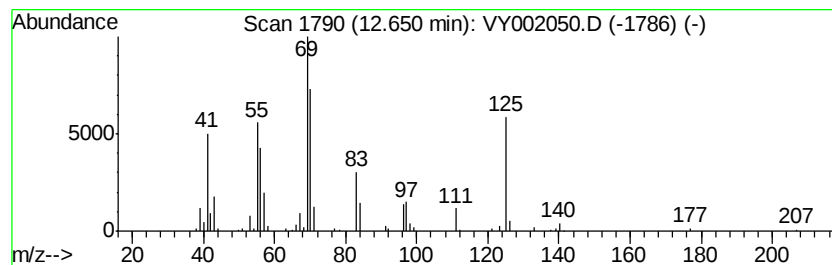
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 1 2-Octene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.97 ug/l	105770	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	53
3		2-n-Propylthiane, S,S-dioxide	176	C8H16O2S	072385-41-2	38
4		Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	35
5		1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	35



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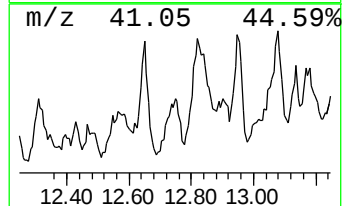
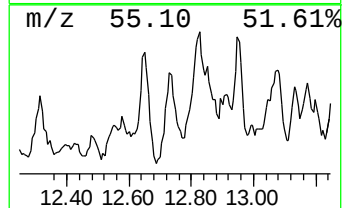
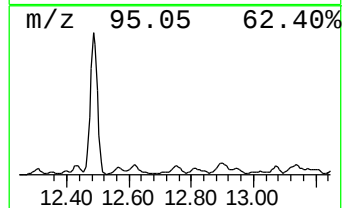
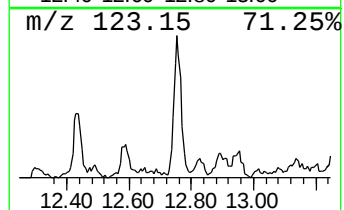
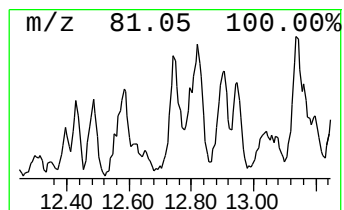
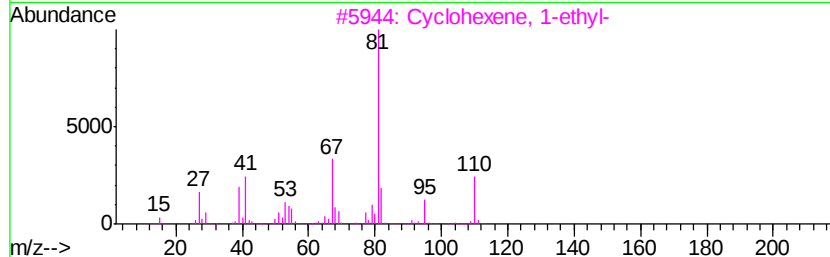
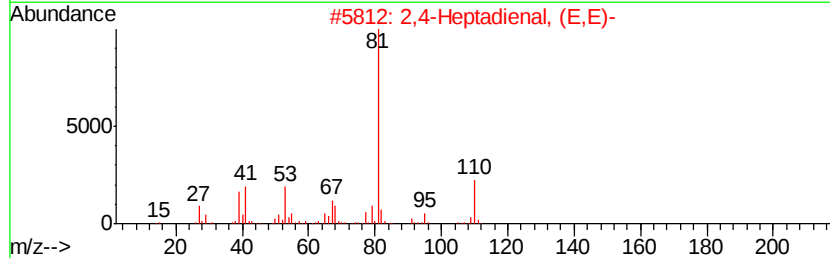
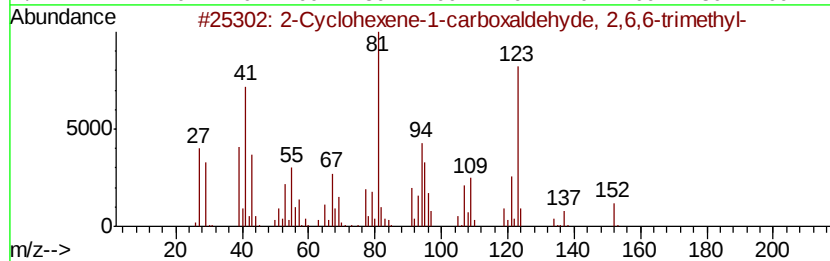
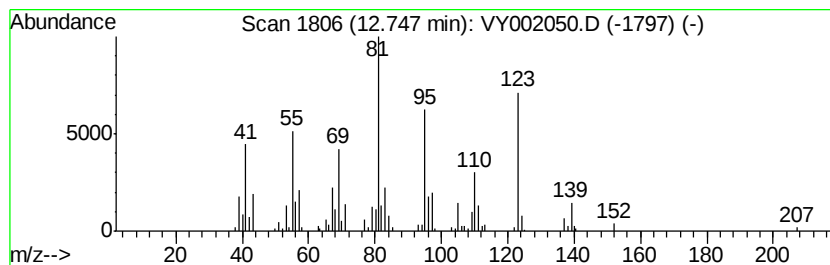
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.91 ug/l	105203	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	46
2		2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	38
3		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4		Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	30
5		Hexahydroindole	123	C8H13N	018159-32-5	30



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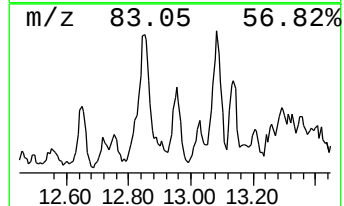
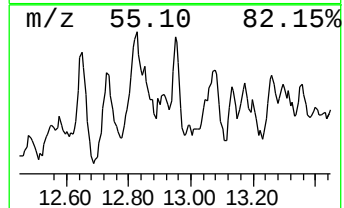
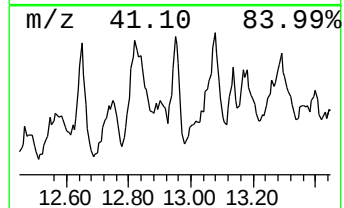
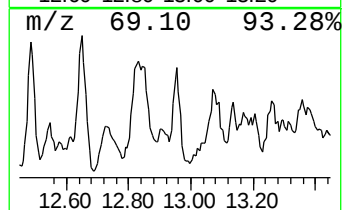
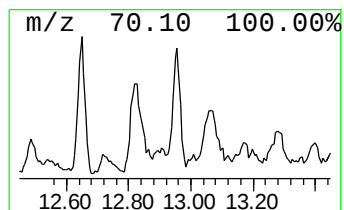
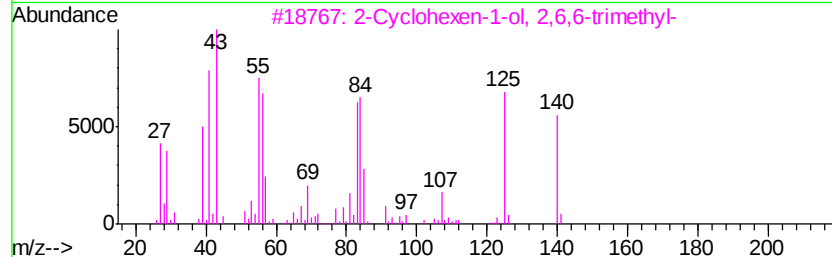
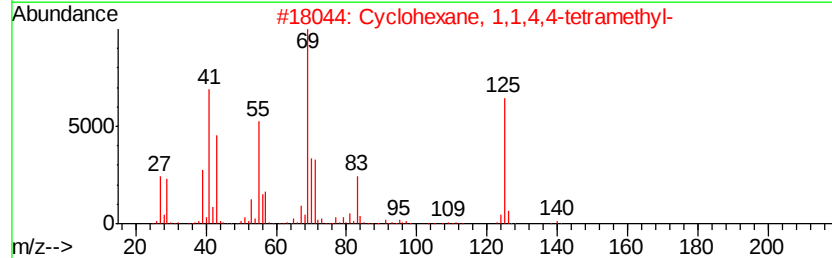
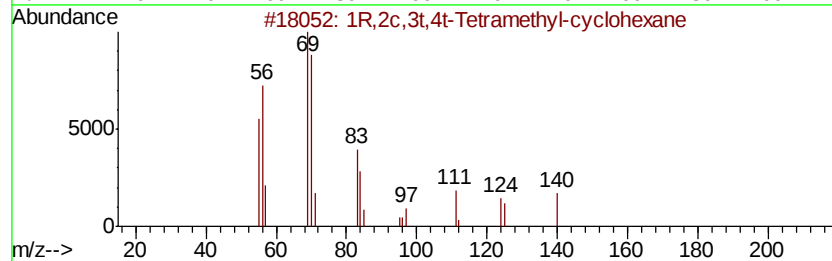
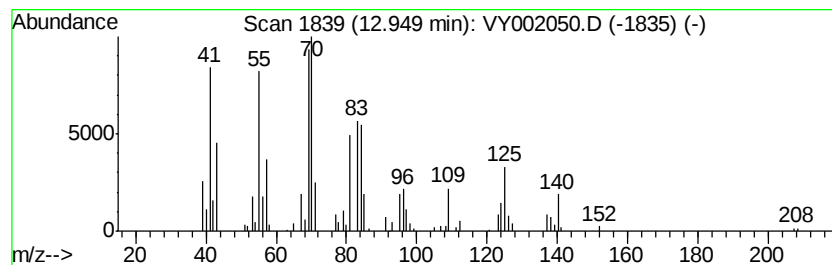
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1R,2c,3t,4t-Tetramethyl-cyc... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	8.48 ug/l	89988	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1R,2c,3t,4t-Tetramethyl-cyclohexane	140 C10H20	1000144-07-3	59
2	Cyclohexane, 1,1,4,4-tetramethyl-	140 C10H20	002223-52-1	35
3	2-Cyclohexen-1-ol, 2,6,6-trimethyl-	140 C9H16O	054345-59-4	30
4	2-Butene, 2,3-dimethyl-	84 C6H12	000563-79-1	25
5	3-Ethyl-3-octene	140 C10H20	019781-31-8	25



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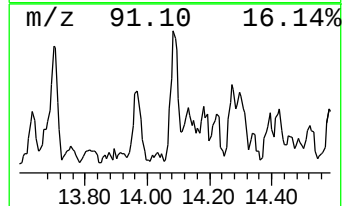
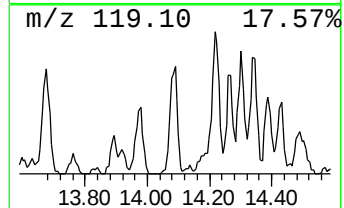
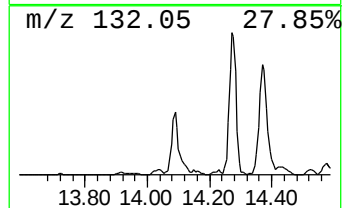
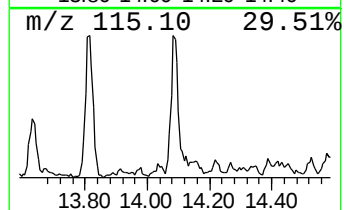
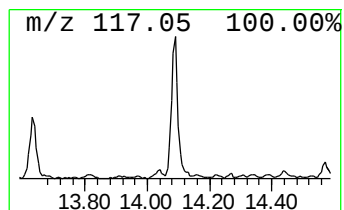
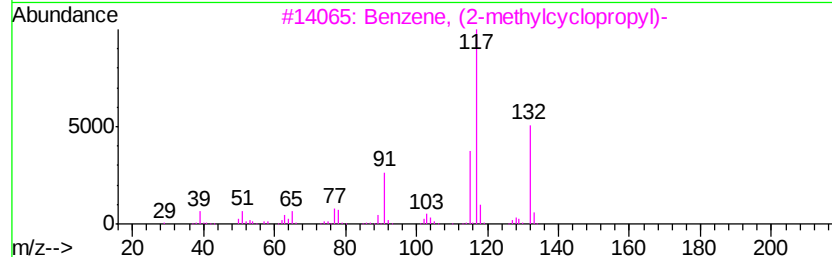
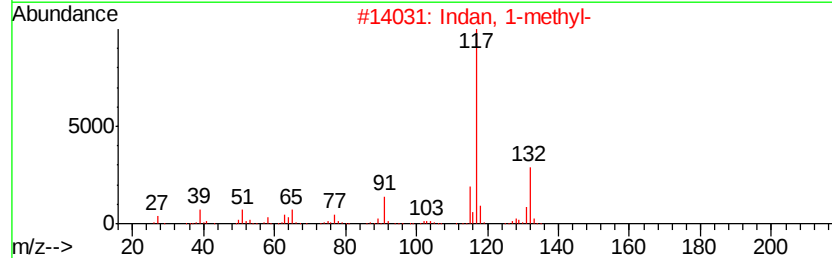
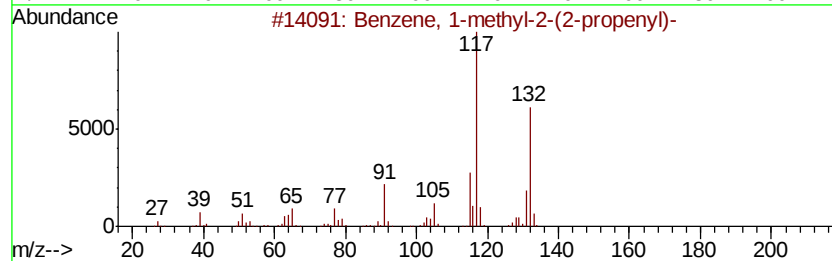
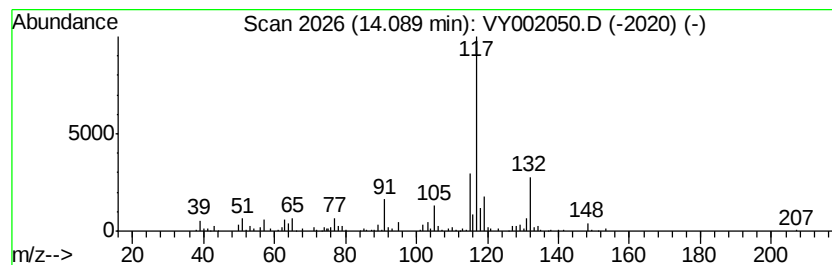
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	10.17 ug/l	107879	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 90
2		Indan, 1-methyl-	132 C10H12	000767-58-8 81
3		Benzene, (2-methylcyclopropyl)-	132 C10H12	1000327-39-0 76
4		1H-Indene, 2,3-dihydro-2-methyl-	132 C10H12	000824-63-5 74
5		Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
GHD1-SB-03-8-9

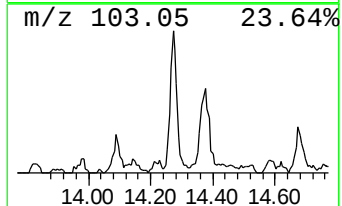
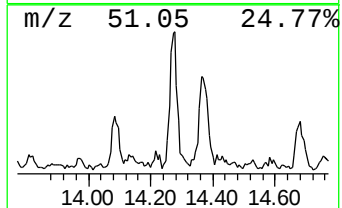
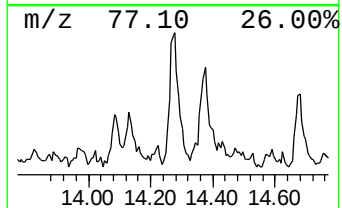
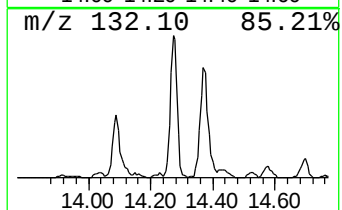
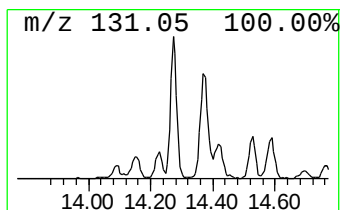
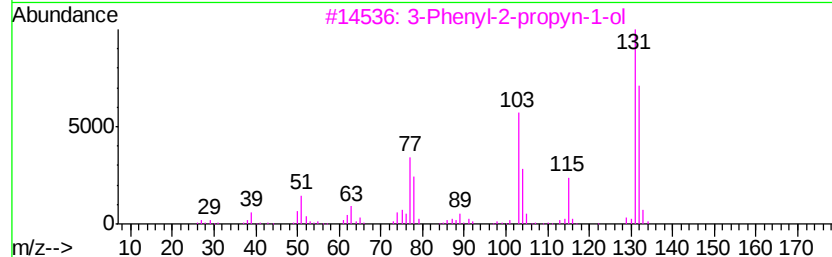
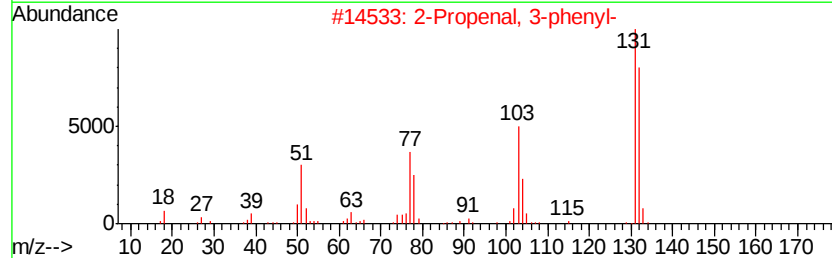
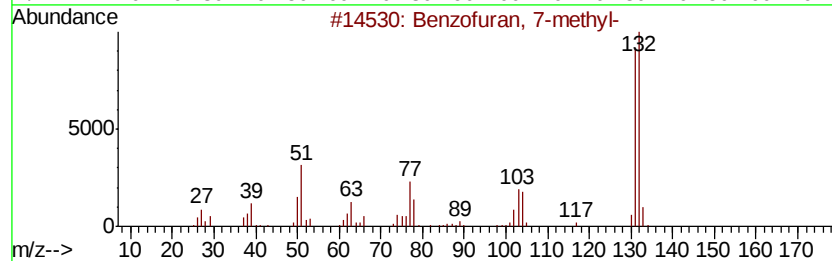
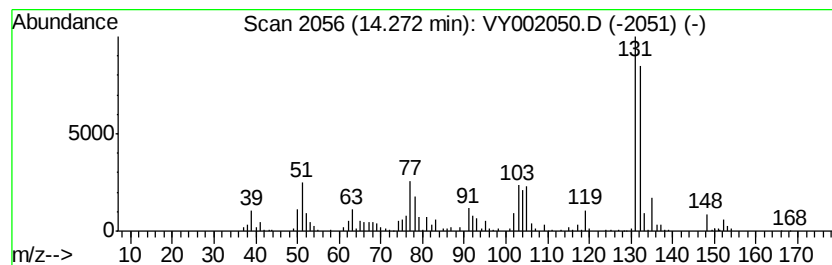
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	17.71 ug/l	187947	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	89
3		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

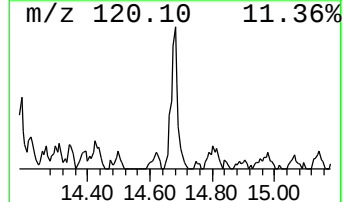
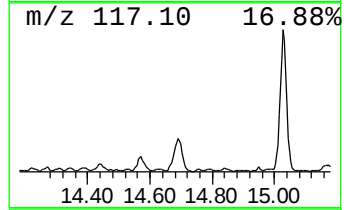
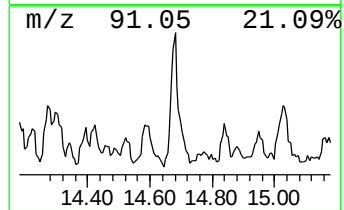
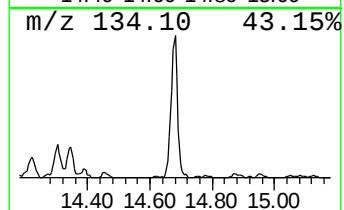
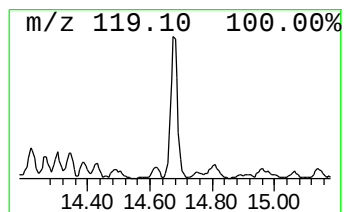
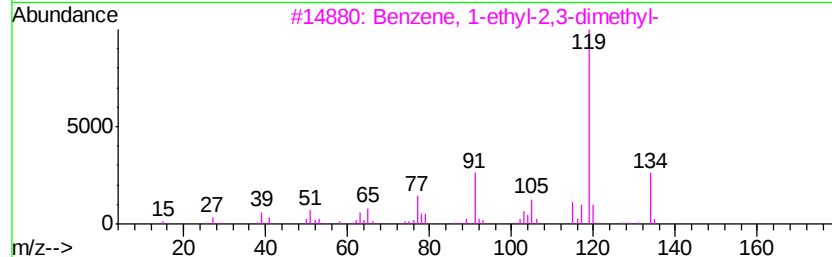
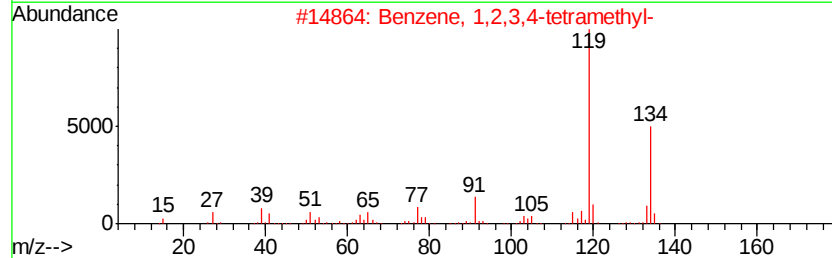
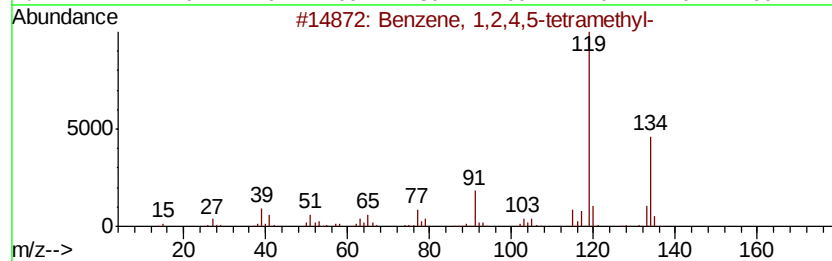
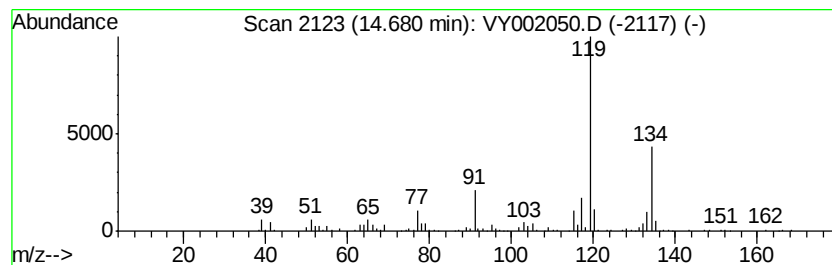
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	11.55 ug/l	122603	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

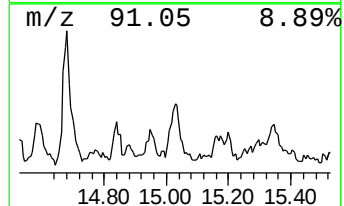
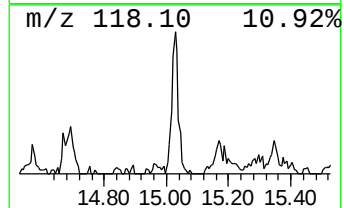
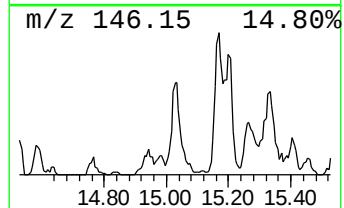
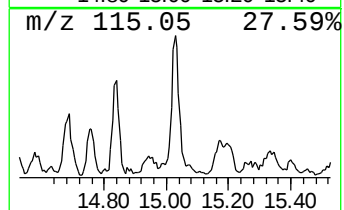
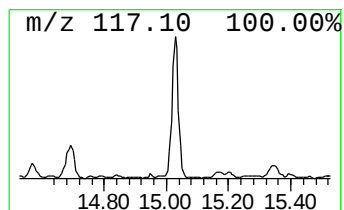
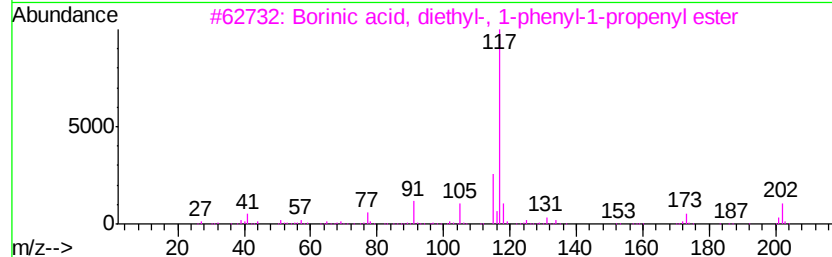
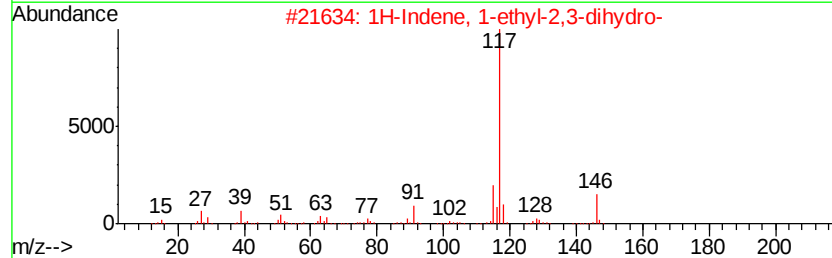
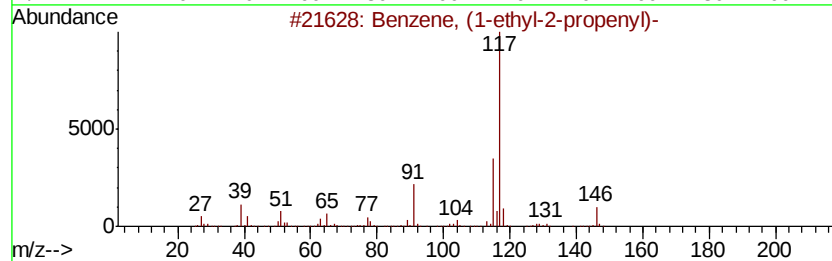
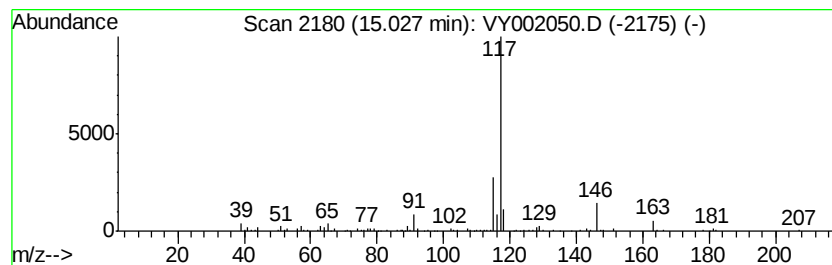
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	8.15 ug/l	86447	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	86
2		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	81
3		Borinic acid, diethyl-, 1-phenyl...	202	C13H19BO	034602-33-0	64
4		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	59
5		1H-Indene, 1-hexadecyl-2,3-dihydro-	342	C25H42	055334-29-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

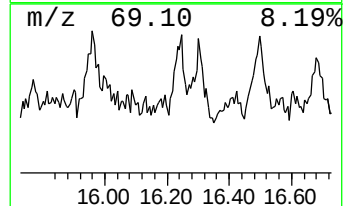
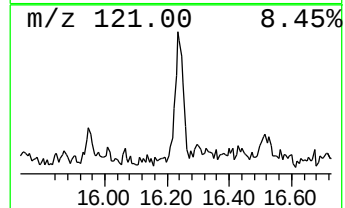
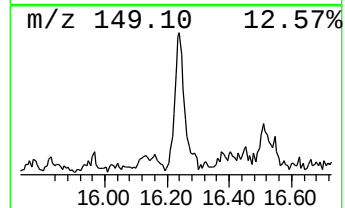
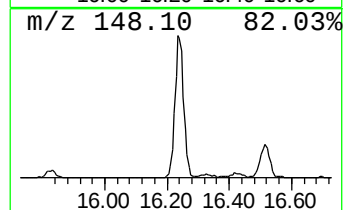
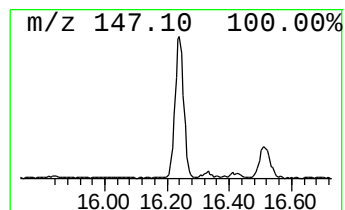
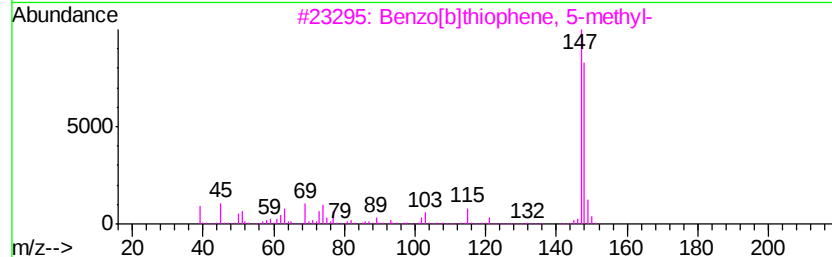
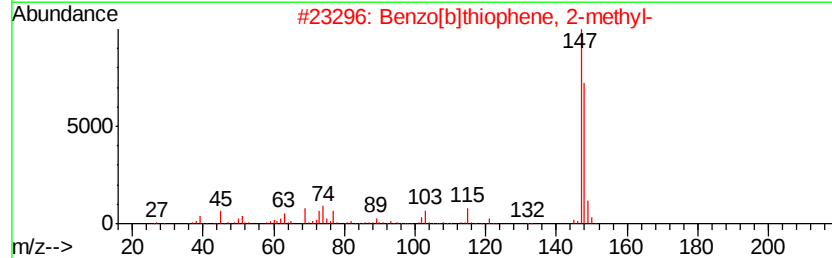
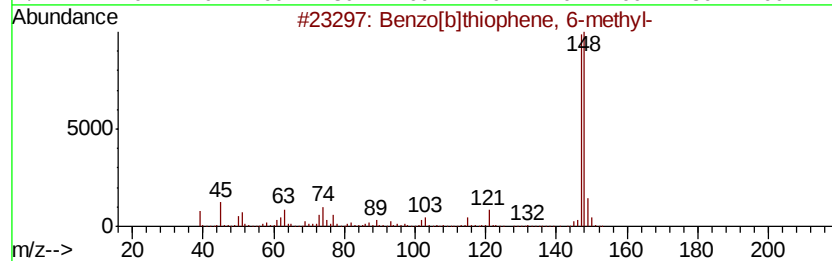
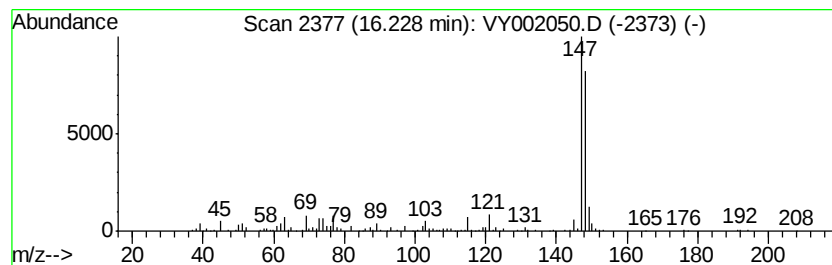
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	14.42 ug/l	153023	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	93
3		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

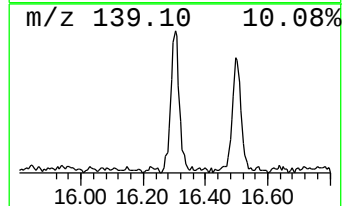
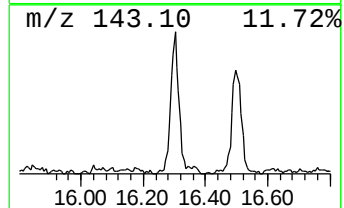
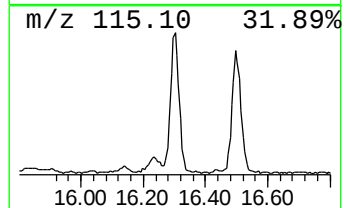
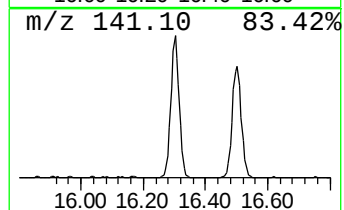
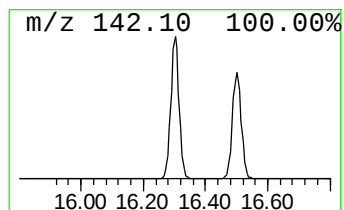
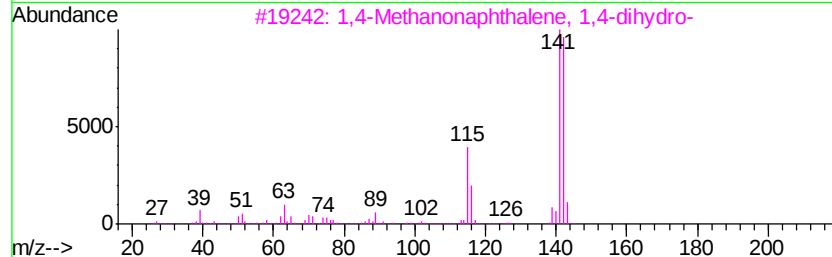
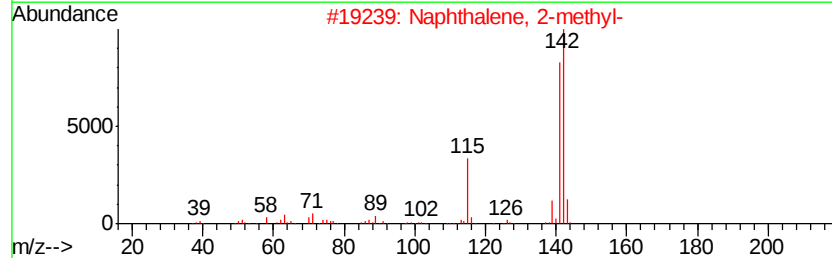
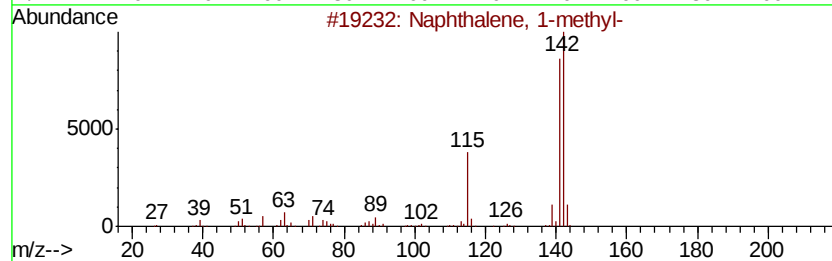
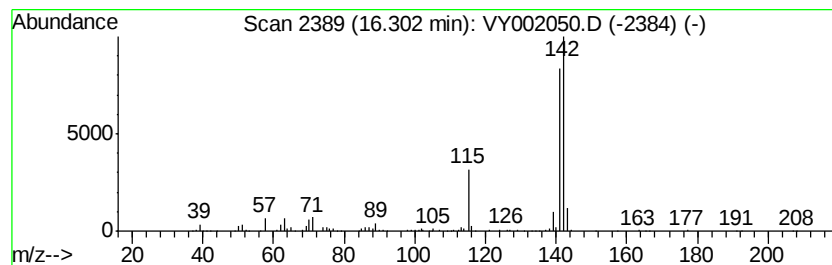
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	25.28 ug/l	268248	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 95
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		Spiro(tricyclo[6.2.1.0(2,7)]unde...	186 C13H14O	1000210-02-3 74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.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
2-Octene, 2,6-dim...	12.65	10.0	ug/l	105770	4	13.43	530628	50.0
unknown12.75	12.75	9.9	ug/l	105203	4	13.43	530628	50.0
1R,2c,3t,4t-Tetra...	12.95	8.5	ug/l	89988	4	13.43	530628	50.0
Benzene, 1-methyl...	14.09	10.2	ug/l	107879	4	13.43	530628	50.0
Benzofuran, 7-met...	14.27	17.7	ug/l	187947	4	13.43	530628	50.0
Benzene, 1,2,4,5-...	14.68	11.6	ug/l	122603	4	13.43	530628	50.0
Benzene, (1-ethyl...	15.03	8.2	ug/l	86447	4	13.43	530628	50.0
Benzo[b]thiophene...	16.23	14.4	ug/l	153023	4	13.43	530628	50.0
Naphthalene, 1-me...	16.30	25.3	ug/l	268248	4	13.43	530628	50.0