

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001287.D
 Acq On : 17 Jan 2020 23:28
 Operator : SY/MD
 Sample : L1188-03
 Misc : 7.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-15-30

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\82Y011020S.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	1.883	20	24	29	rVB2	7854	10500	1.01%	0.065%
2	4.773	484	498	510	rBV2	19749	64253	6.15%	0.398%
3	7.767	978	989	995	rBV2	138485	334963	32.08%	2.073%
4	7.834	995	1000	1011	rVB	234847	528782	50.65%	3.273%
5	8.187	1049	1058	1070	rBV	139506	310269	29.72%	1.921%
6	8.730	1138	1147	1157	rVB	384846	763238	73.11%	4.725%
7	10.205	1382	1389	1399	rBV	593520	1044016	100.00%	6.463%
8	10.998	1513	1519	1525	rVV	30747	53240	5.10%	0.330%
9	11.321	1560	1572	1581	rVV3	72534	170006	16.28%	1.052%
10	11.400	1581	1585	1592	rVB2	14816	23974	2.30%	0.148%
11	11.516	1595	1604	1612	rBV	546089	901717	86.37%	5.582%
12	11.650	1619	1626	1630	rBV	48560	83185	7.97%	0.515%
13	11.699	1630	1634	1637	rVV	60491	102890	9.86%	0.637%
14	11.735	1637	1640	1648	rVV4	80074	191599	18.35%	1.186%
15	11.802	1648	1651	1656	rVB3	20932	32007	3.07%	0.198%
16	11.955	1668	1676	1680	rVB5	7227	14379	1.38%	0.089%
17	12.028	1680	1688	1699	rBV3	76458	225020	21.55%	1.393%
18	12.144	1703	1707	1710	rVB	22297	29224	2.80%	0.181%
19	12.186	1710	1714	1715	rBV2	12949	17279	1.66%	0.107%
20	12.217	1715	1719	1722	rBV3	23685	37696	3.61%	0.233%
21	12.266	1722	1727	1735	rVB5	53513	105548	10.11%	0.653%
22	12.345	1735	1740	1744	rVB	34823	49044	4.70%	0.304%
23	12.406	1744	1750	1752	rBV6	16742	32043	3.07%	0.198%
24	12.436	1752	1755	1756	rBV2	19493	21393	2.05%	0.132%
25	12.504	1761	1766	1770	rVV	437048	687821	65.88%	4.258%
26	12.546	1770	1773	1778	rVV3	54984	118929	11.39%	0.736%
27	12.595	1778	1781	1783	rVV3	33382	47231	4.52%	0.292%
28	12.632	1784	1787	1789	rVV2	33268	49739	4.76%	0.308%
29	12.662	1789	1792	1799	rVB2	85377	152865	14.64%	0.946%
30	12.747	1799	1806	1810	rBV2	61762	130911	12.54%	0.810%
31	12.827	1810	1819	1824	rVV3	236706	499415	47.84%	3.091%
32	12.881	1824	1828	1833	rVB	116223	176685	16.92%	1.094%
33	12.942	1833	1838	1839	rBV3	32298	49536	4.74%	0.307%
34	12.967	1839	1842	1846	rVB3	49666	67613	6.48%	0.419%

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35	13.022	1846	1851	1853	rBV4	41993	86357	8.27%	0.535%
36	13.058	1853	1857	1864	rVB2	103422	182649	17.49%	1.131%
37	13.125	1864	1868	1869	rBV3	11013	12418	1.19%	0.077%
38	13.186	1874	1878	1880	rBV2	28889	44575	4.27%	0.276%
39	13.266	1888	1891	1895	rVB2	31233	36528	3.50%	0.226%
40	13.339	1895	1903	1907	rBV3	169120	391668	37.52%	2.424%
41	13.375	1907	1909	1913	rVV2	66438	93136	8.92%	0.577%
42	13.442	1913	1920	1928	rVB	572977	944171	90.44%	5.845%
43	13.516	1928	1932	1936	rBV2	61119	93345	8.94%	0.578%
44	13.583	1937	1943	1947	rVB7	46222	104996	10.06%	0.650%
45	13.631	1947	1951	1954	rBV4	17251	27468	2.63%	0.170%
46	13.717	1960	1965	1967	rBV4	22601	41539	3.98%	0.257%
47	13.765	1967	1973	1978	rVV2	485837	795119	76.16%	4.922%
48	13.808	1978	1980	1984	rVB2	60248	77401	7.41%	0.479%
49	13.869	1984	1990	1993	rBV4	58326	115523	11.07%	0.715%
50	14.095	2022	2027	2031	rBV5	27322	57408	5.50%	0.355%
51	14.156	2032	2037	2042	rVV6	58648	139744	13.39%	0.865%
52	14.217	2042	2047	2050	rVV3	79247	149291	14.30%	0.924%
53	14.271	2050	2056	2063	rVV4	373415	775801	74.31%	4.802%
54	14.332	2063	2066	2072	rVV4	48637	88597	8.49%	0.548%
55	14.400	2073	2077	2079	rVV5	49520	82319	7.88%	0.510%
56	14.436	2079	2083	2088	rVV	279575	449974	43.10%	2.785%
57	14.491	2088	2092	2100	rVB2	89053	156733	15.01%	0.970%
58	14.631	2110	2115	2122	rBV2	188819	288156	27.60%	1.784%
59	14.698	2122	2126	2130	rBV2	82639	144408	13.83%	0.894%
60	14.747	2130	2134	2141	rVB2	221820	362050	34.68%	2.241%
61	14.814	2141	2145	2149	rBV4	52917	94432	9.05%	0.585%
62	14.869	2149	2154	2157	rBV2	168820	325015	31.13%	2.012%
63	14.954	2162	2168	2173	rVB5	89056	198838	19.05%	1.231%
64	15.009	2173	2177	2180	rBV3	40419	72403	6.94%	0.448%
65	15.058	2180	2185	2190	rBV5	75808	149291	14.30%	0.924%
66	15.113	2190	2194	2196	rBV4	35141	51972	4.98%	0.322%
67	15.155	2196	2201	2208	rVB6	119837	257336	24.65%	1.593%
68	15.229	2208	2213	2217	rVB2	172370	289143	27.70%	1.790%
69	15.277	2217	2221	2230	rBV4	101190	259858	24.89%	1.609%
70	15.363	2231	2235	2236	rBV3	45265	59415	5.69%	0.368%
71	15.454	2245	2250	2255	rVB	287904	439588	42.11%	2.721%

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72	15.521	2256	2261	2264	rBV5	40036	81204	7.78%	0.503%
73	15.625	2274	2278	2284	rVB4	106166	190151	18.21%	1.177%
74	16.052	2342	2348	2353	rVV3	109470	232222	22.24%	1.437%
75	16.107	2353	2357	2363	rVB5	63338	137188	13.14%	0.849%
76	16.174	2364	2368	2376	rVB4	72495	139911	13.40%	0.866%
77	16.381	2396	2402	2407	rBV	175814	308264	29.53%	1.908%

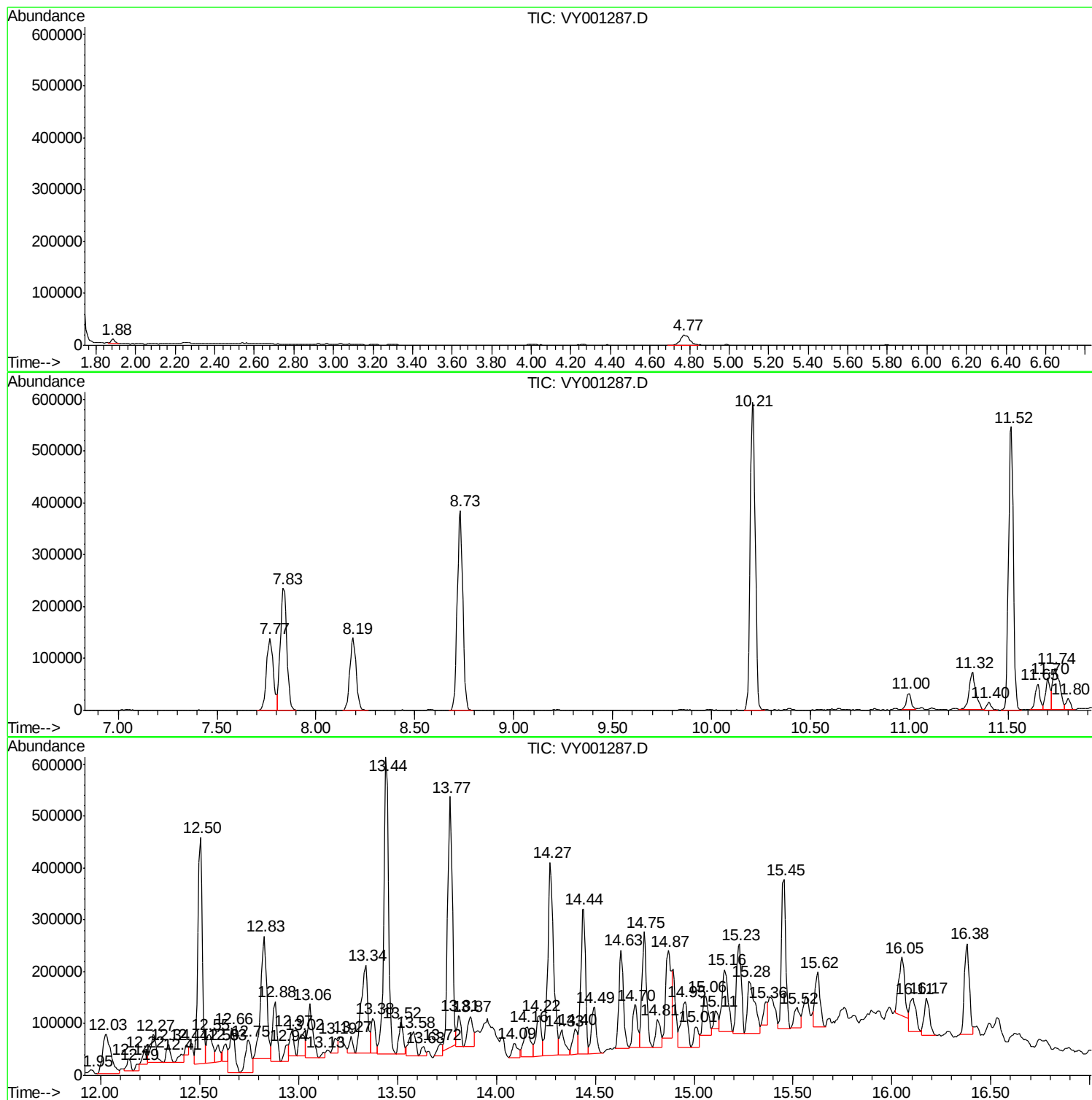
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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



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Instrument :
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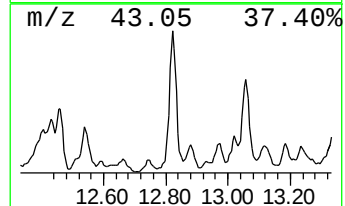
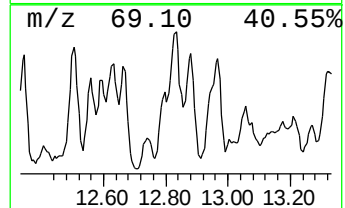
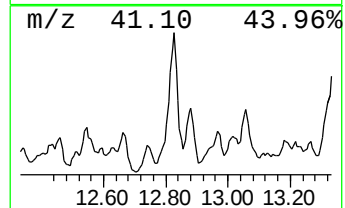
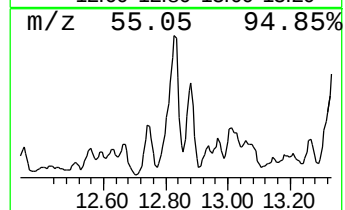
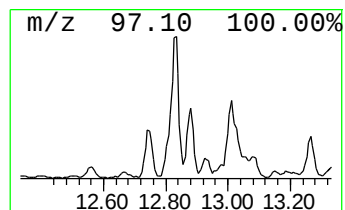
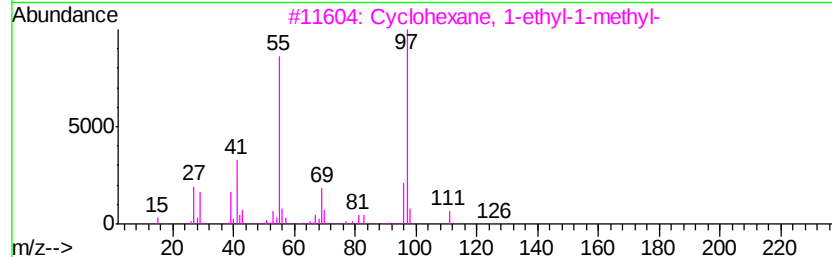
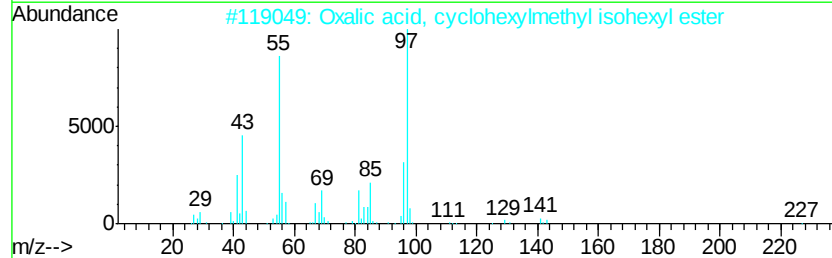
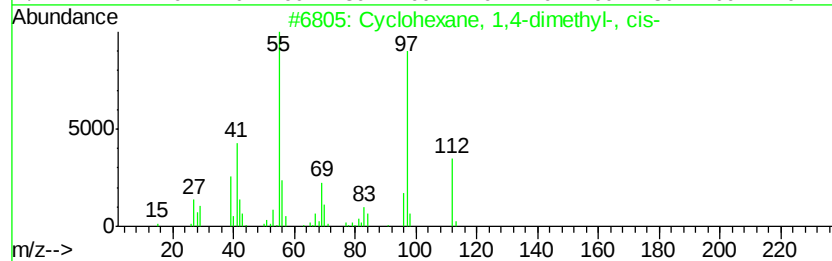
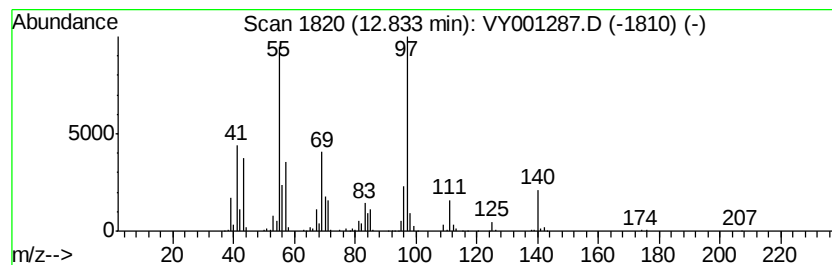
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	26.45 ug/l	499415	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58
2		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	47
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	46
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
5		trans-2-Oxabicyclo[4.4.0]decane	140	C9H16O	059958-46-2	43



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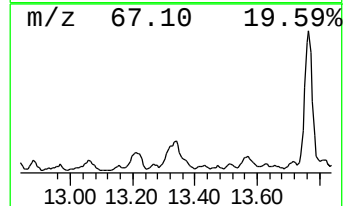
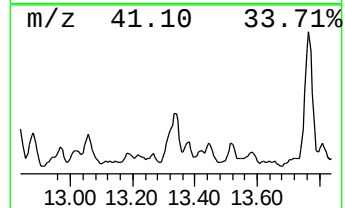
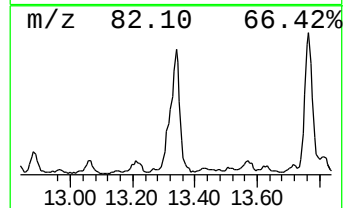
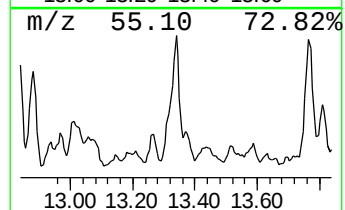
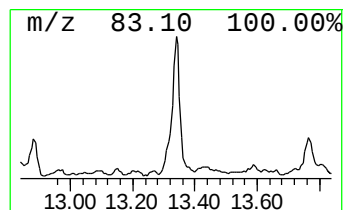
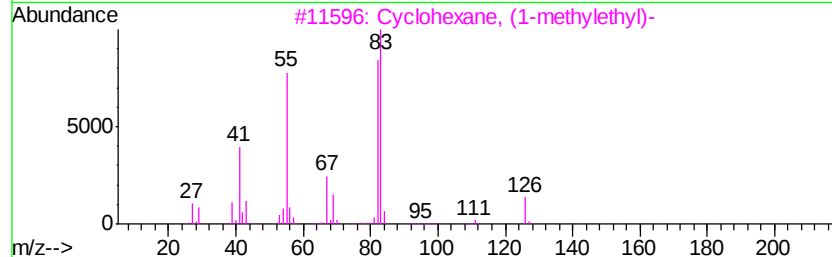
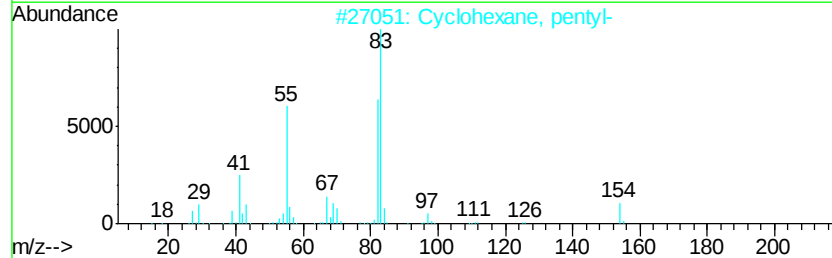
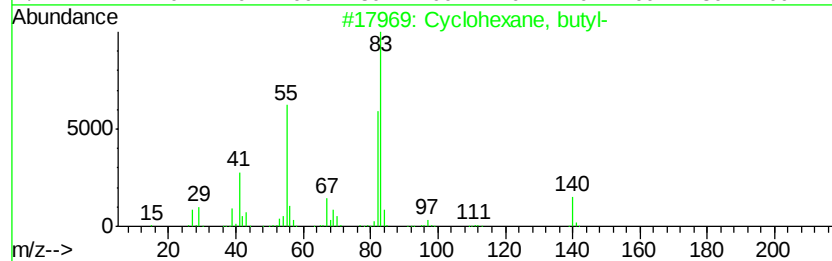
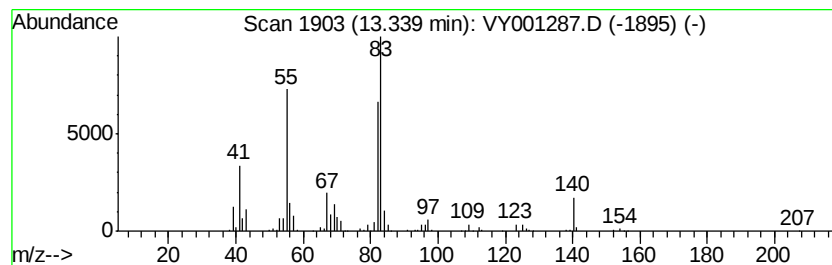
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	20.74 ug/l	391668	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, butyl-	140 C10H20	001678-93-9 94
2		Cyclohexane, pentyl-	154 C11H22	004292-92-6 93
3		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 87
4		Cyclohexane, propyl-	126 C9H18	001678-92-8 80
5		Cyclohexane, octyl-	196 C14H28	001795-15-9 80



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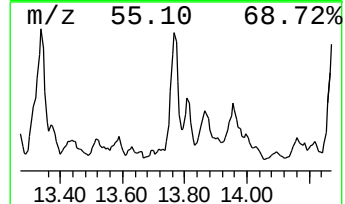
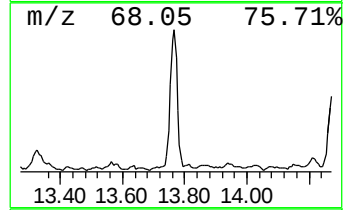
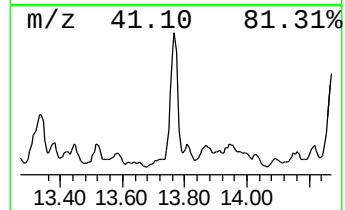
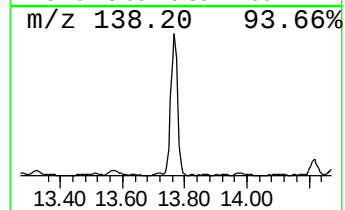
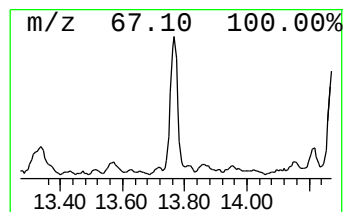
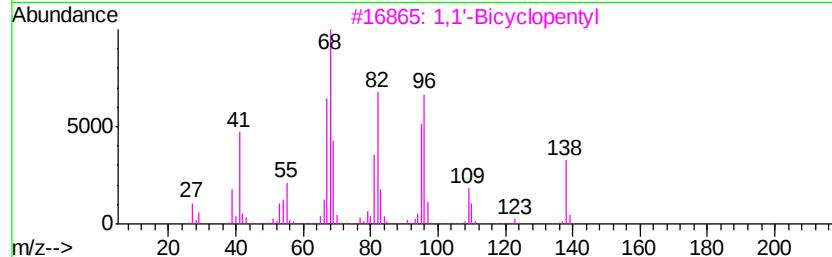
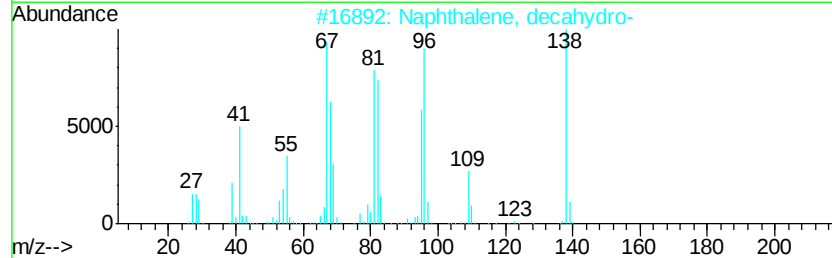
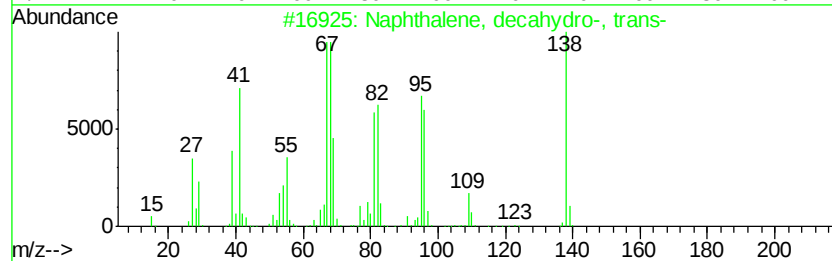
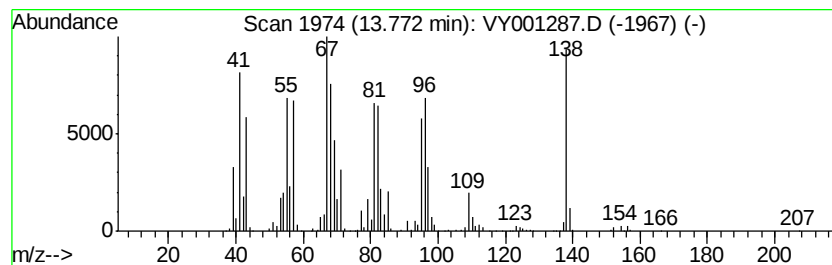
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	42.11 ug/l	795119	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	87
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5		Spiro[4.5]decane	138	C10H18	000176-63-6	76



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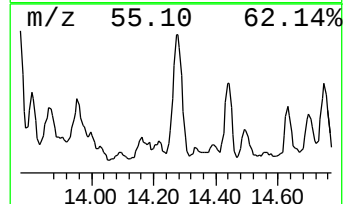
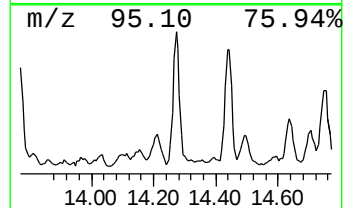
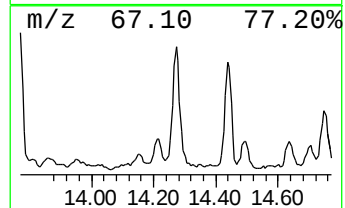
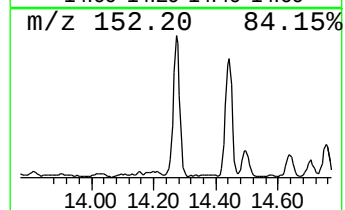
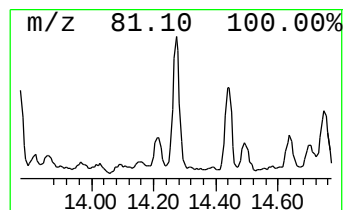
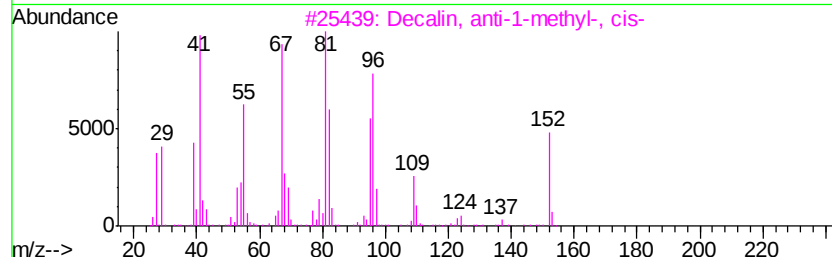
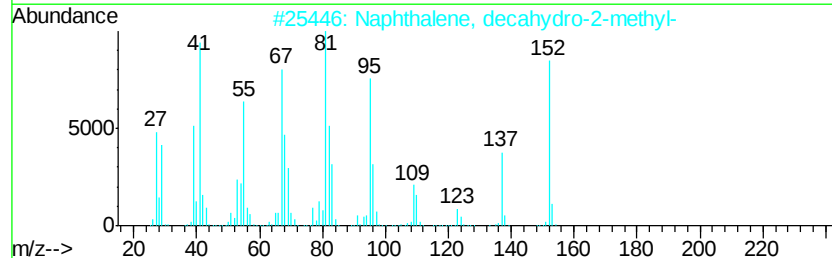
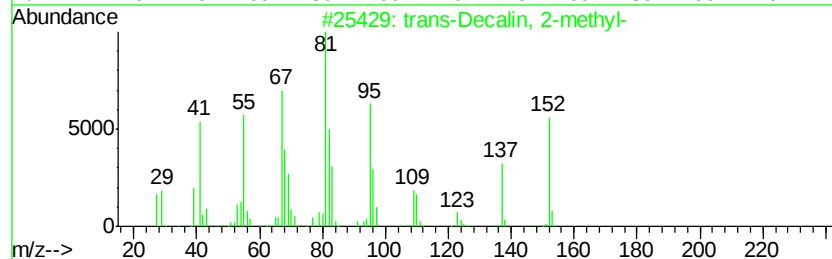
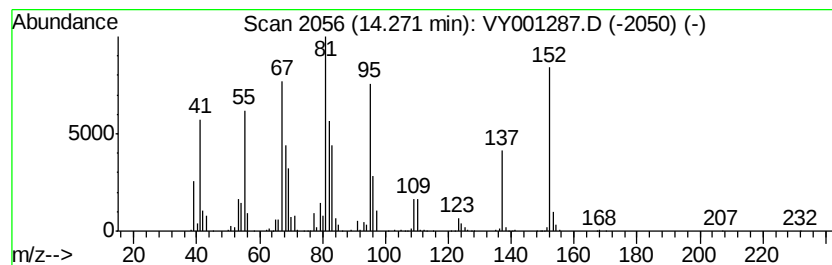
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	41.08 ug/l	775801	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	68
4		Pulegone	152	C10H16O	000089-82-7	64
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001287.D
Acq On : 17 Jan 2020 23:28
Operator : SY/MD
Sample : L1188-03
Misc : 7.28G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B2-15-30

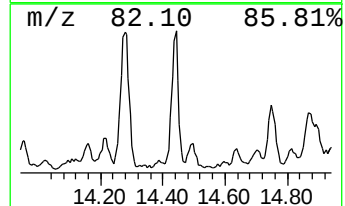
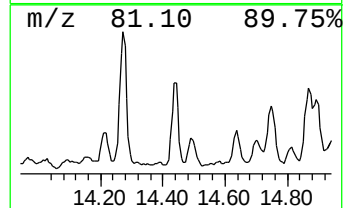
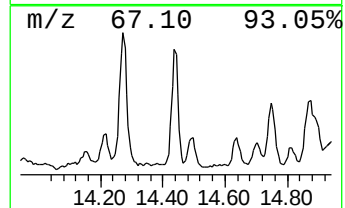
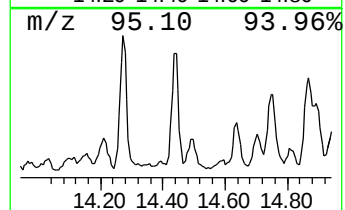
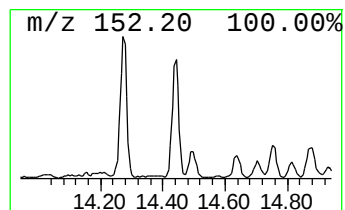
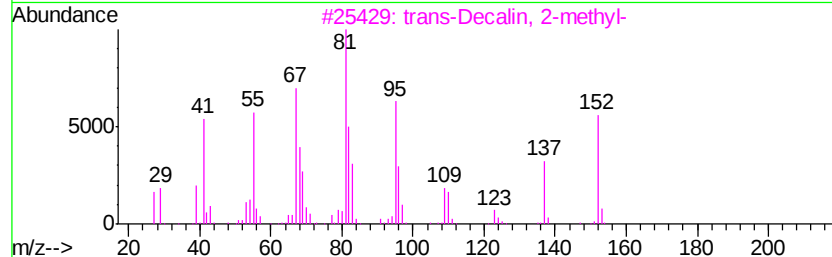
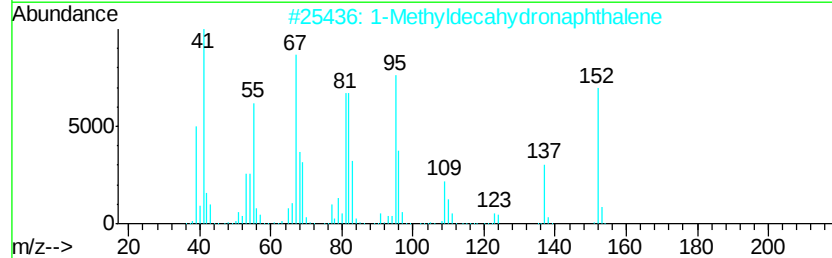
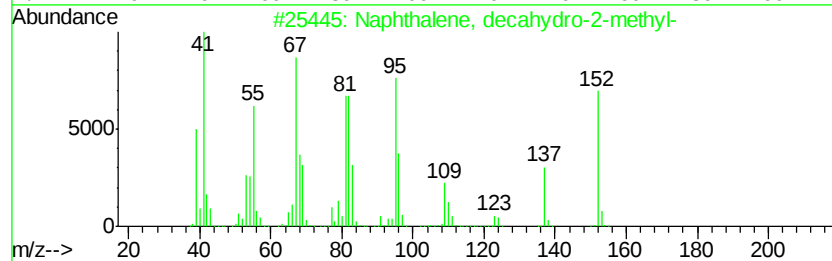
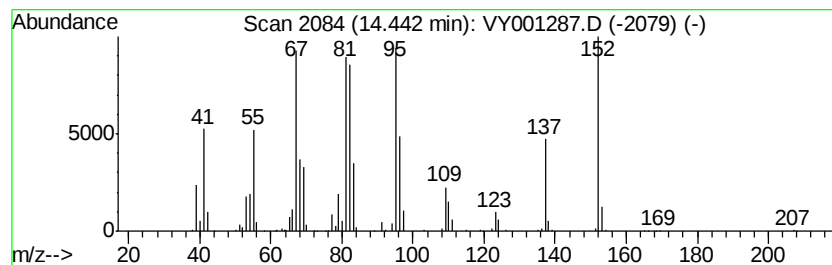
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	23.83 ug/l	449974	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001287.D
Acq On : 17 Jan 2020 23:28
Operator : SY/MD
Sample : L1188-03
Misc : 7.28G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

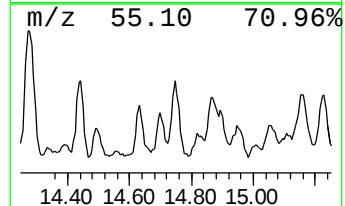
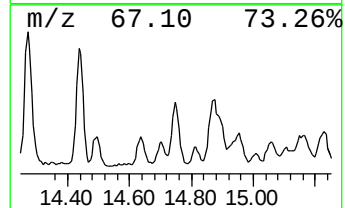
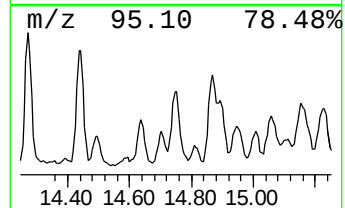
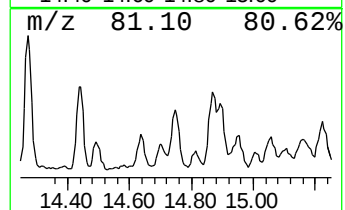
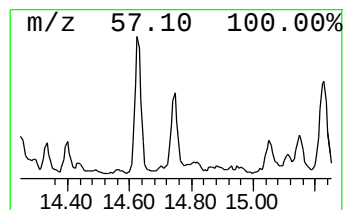
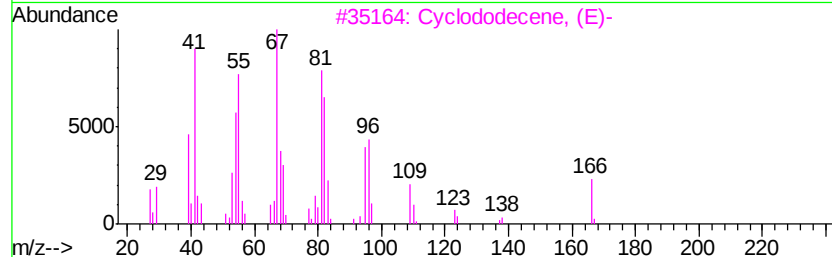
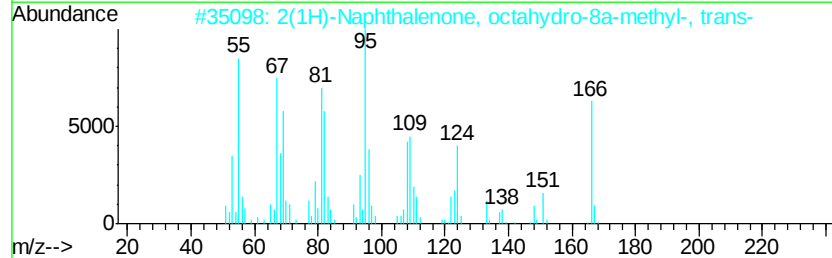
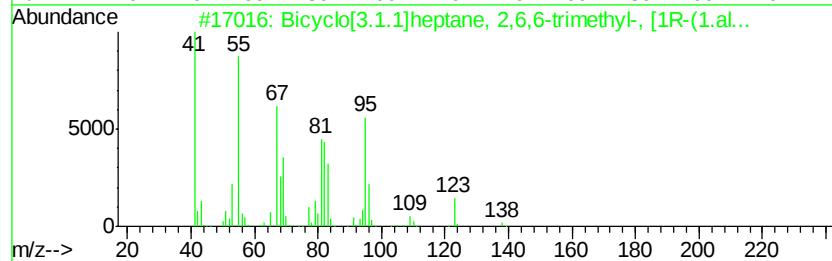
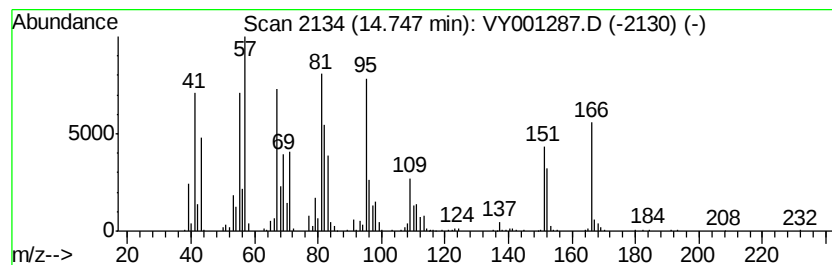
Instrument :
MSVOA_Y
ClientSampleId :
B2-15-30

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 6 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	19.17 ug/l	362050	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	004795-86-2 78
2		2(1H)-Naphthalenone, octahydro-8...	166 C11H18O	001197-95-1 53
3		Cyclododecene, (E)-	166 C12H22	001486-75-5 53
4		cis,cis-1,6-Dimethylspiro[4.5]de...	166 C12H22	1000111-72-4 52
5		Camphor	152 C10H16O	000076-22-2 49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001287.D
 Acq On : 17 Jan 2020 23:28
 Operator : SY/MD
 Sample : L1188-03
 Misc : 7.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-15-30

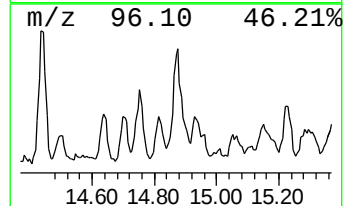
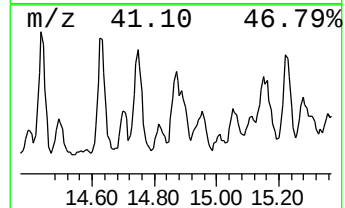
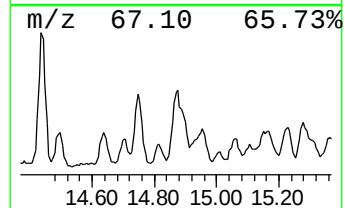
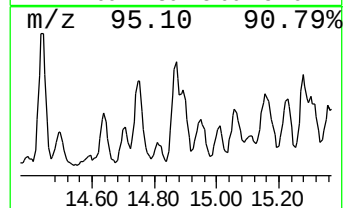
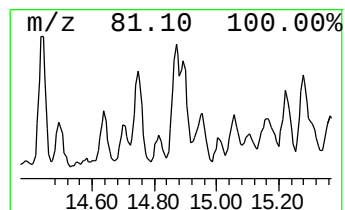
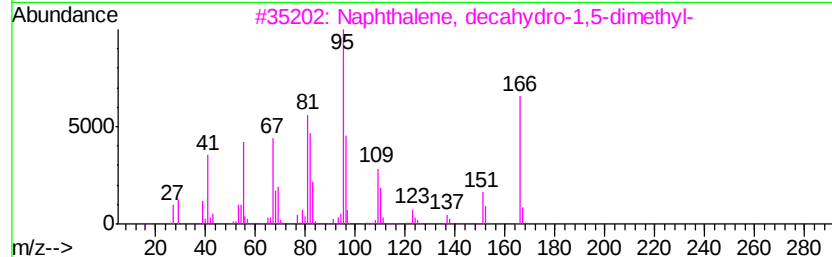
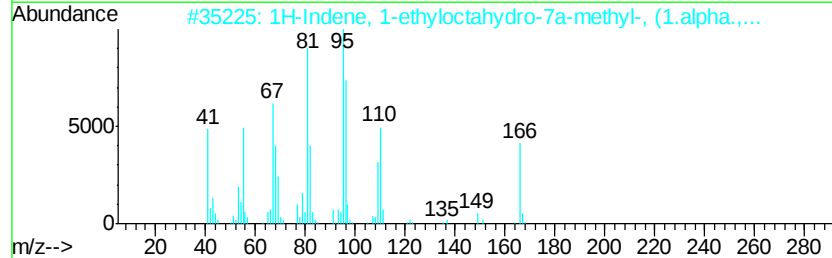
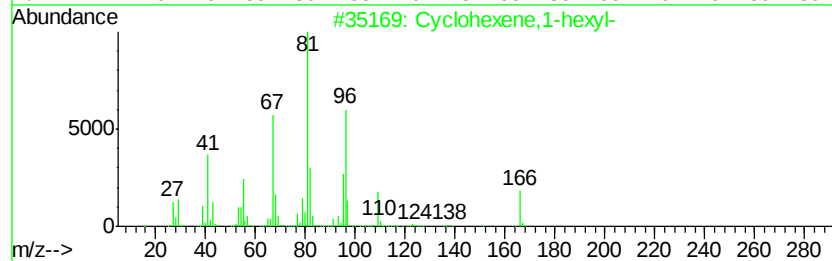
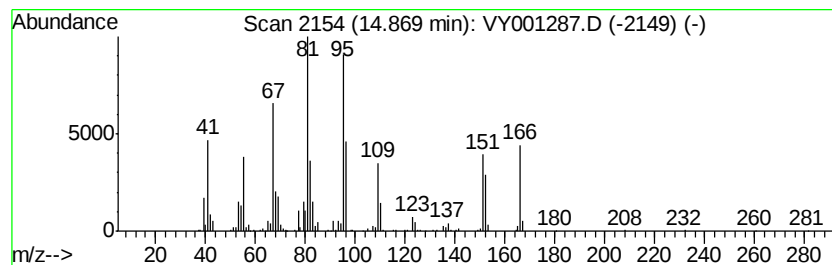
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 Quant Title : SW846 8260

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

 Peak Number 7 Cyclohexene,1-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	17.21 ug/l	325015	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	91
2		1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	58
3		Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	55
4		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	55
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001287.D
Acq On : 17 Jan 2020 23:28
Operator : SY/MD
Sample : L1188-03
Misc : 7.28G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

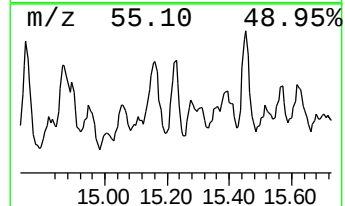
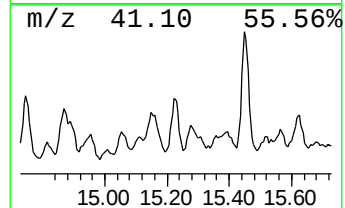
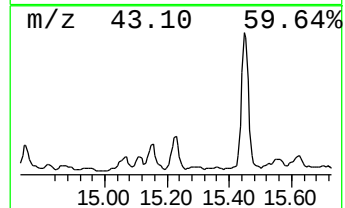
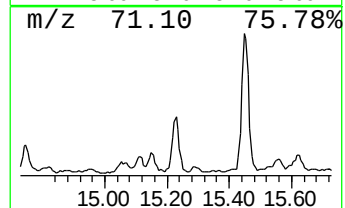
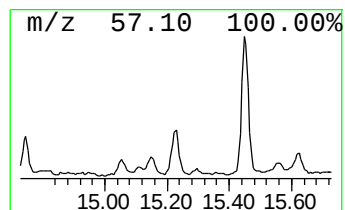
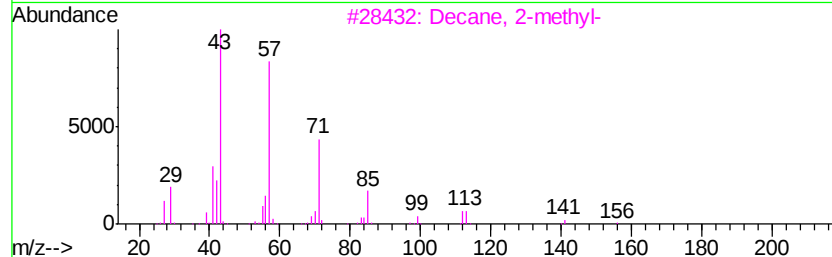
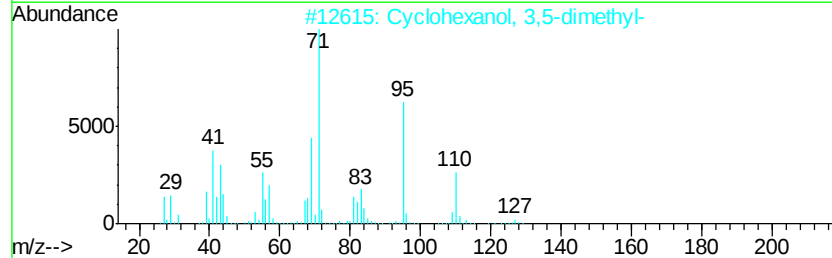
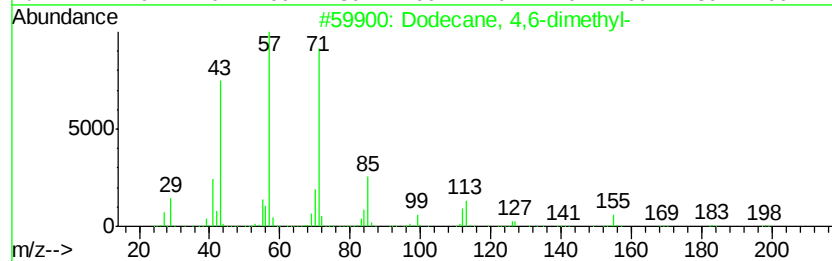
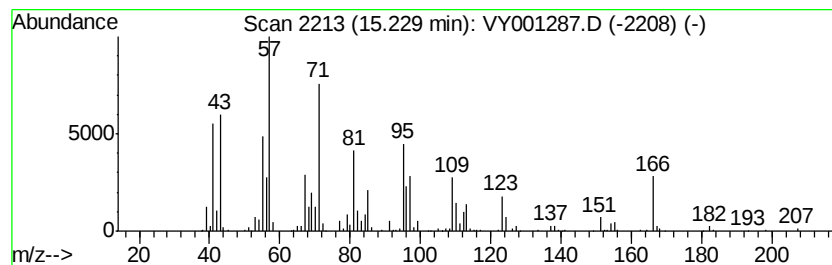
Instrument :
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ClientSampleId :
B2-15-30

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Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	15.31 ug/l	289143	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8 62
2		Cyclohexanol, 3,5-dimethyl-	128 C8H16O	005441-52-1 45
3		Decane, 2-methyl-	156 C11H24	006975-98-0 38
4		Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2 38
5		Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8 38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001287.D
 Acq On : 17 Jan 2020 23:28
 Operator : SY/MD
 Sample : L1188-03
 Misc : 7.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 B2-15-30

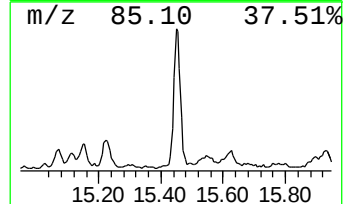
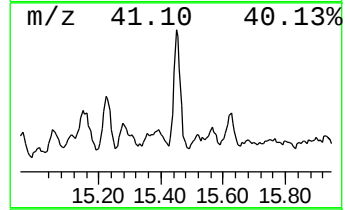
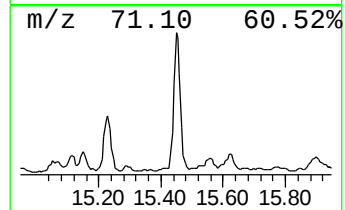
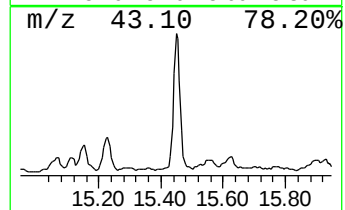
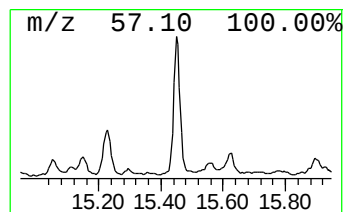
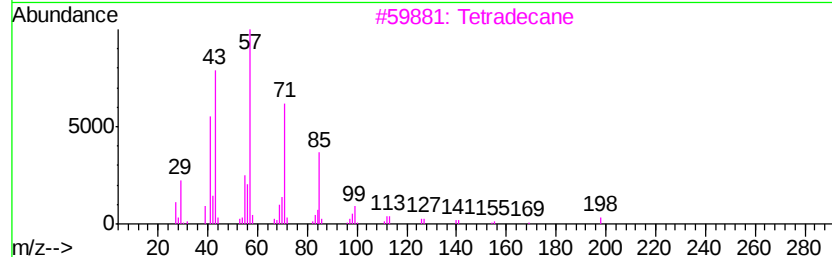
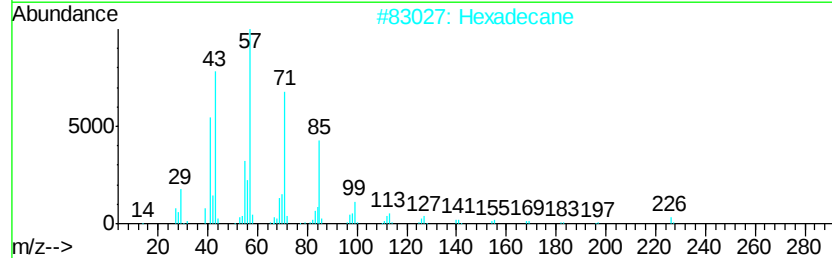
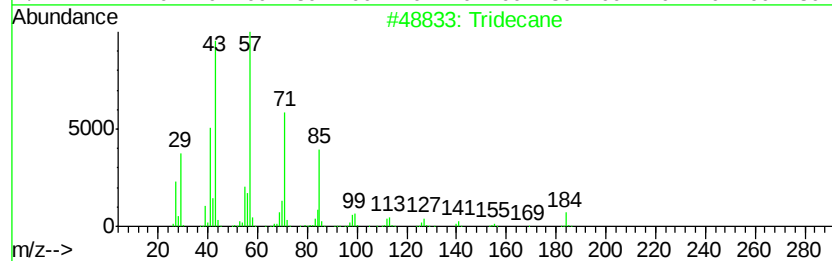
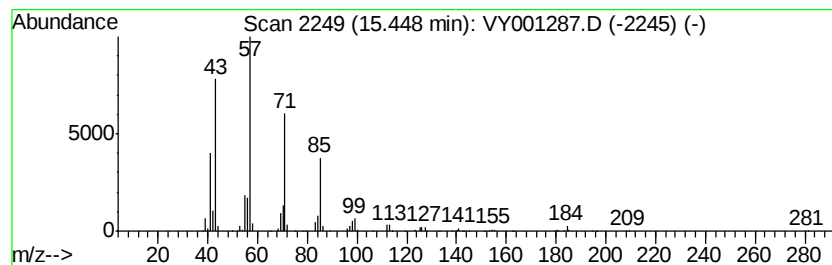
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 Quant Title : SW846 8260

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

 Peak Number 9 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	23.28 ug/l	439588	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	87
4		Dodecane	170	C12H26	000112-40-3	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001287.D
 Acq On : 17 Jan 2020 23:28
 Operator : SY/MD
 Sample : L1188-03
 Misc : 7.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 B2-15-30

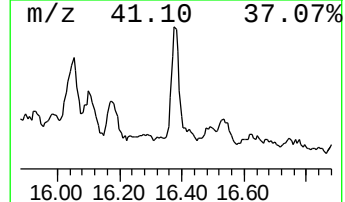
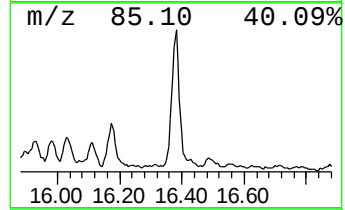
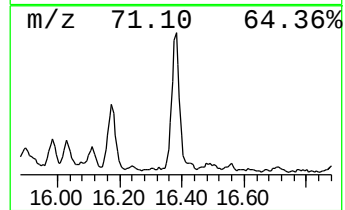
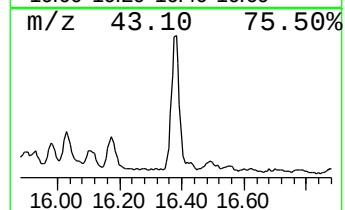
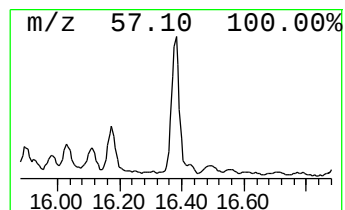
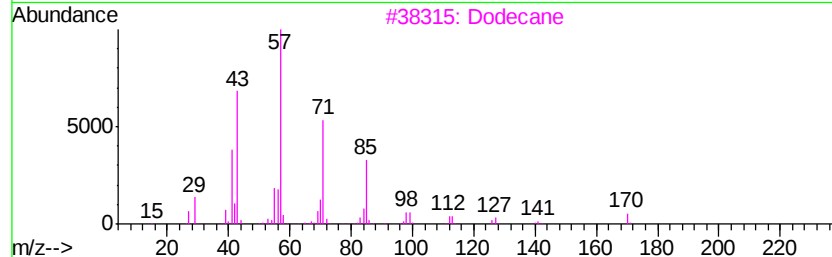
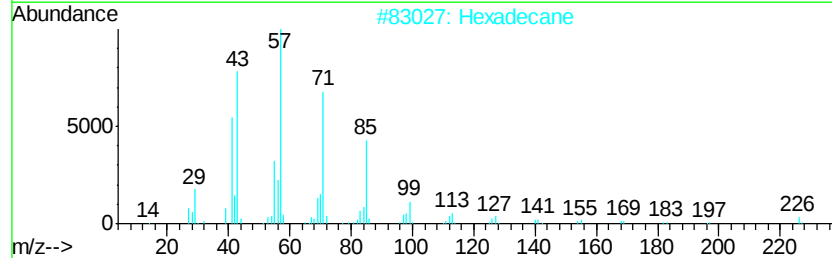
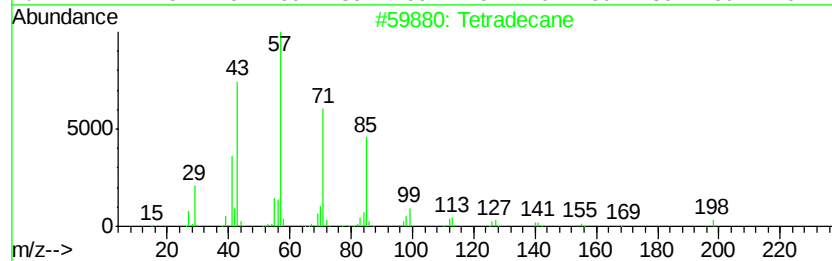
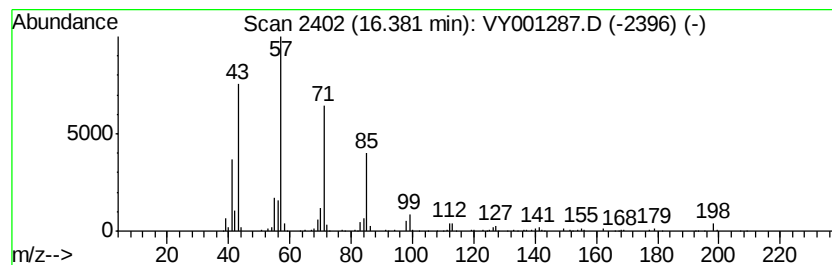
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 Quant Title : SW846 8260

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

 Peak Number 10 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	16.32 ug/l	308264	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	98
2		Hexadecane	226	C16H34	000544-76-3	91
3		Dodecane	170	C12H26	000112-40-3	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001287.D
 Acq On : 17 Jan 2020 23:28
 Operator : SY/MD
 Sample : L1188-03
 Misc : 7.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-15-30

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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
Cyclohexane, 1,4-...	12.83	26.4	ug/l	499415	4	13.44	944171	50.0
Cyclohexane, butyl-	13.34	20.7	ug/l	391668	4	13.44	944171	50.0
Naphthalene, deca...	13.77	42.1	ug/l	795119	4	13.44	944171	50.0
trans-Decalin, 2-...	14.27	41.1	ug/l	775801	4	13.44	944171	50.0
Naphthalene, deca...	14.44	23.8	ug/l	449974	4	13.44	944171	50.0
Bicyclo[3.1.1]hep...	14.75	19.2	ug/l	362050	4	13.44	944171	50.0
Cyclohexene,1-hexyl-	14.87	17.2	ug/l	325015	4	13.44	944171	50.0
Dodecane, 4,6-dim...	15.23	15.3	ug/l	289143	4	13.44	944171	50.0
Tridecane	15.45	23.3	ug/l	439588	4	13.44	944171	50.0
Tetradecane	16.38	16.3	ug/l	308264	4	13.44	944171	50.0