

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002024.D
 Acq On : 19 Mar 2020 16:12
 Operator : SY/MD
 Sample : L1978-10
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7A

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	7.005	853	864	875	rBV3	25882	75769	1.22%	0.074%
2	7.742	974	985	990	rBV2	110555	260899	4.21%	0.256%
3	7.809	990	996	1008	rVB	187170	428453	6.91%	0.421%
4	8.163	1040	1054	1066	rBV2	124477	298751	4.82%	0.294%
5	8.706	1135	1143	1153	rBV	314357	629081	10.14%	0.618%
6	10.193	1380	1387	1395	rBV	515549	882514	14.23%	0.867%
7	11.101	1530	1536	1542	rBV	149280	257961	4.16%	0.254%
8	11.211	1548	1554	1558	rBV3	42358	85543	1.38%	0.084%
9	11.297	1563	1568	1578	rVB4	85333	238609	3.85%	0.234%
10	11.388	1578	1583	1594	rBV	98342	178243	2.87%	0.175%
11	11.498	1594	1601	1611	rBV	456211	841712	13.57%	0.827%
12	11.638	1618	1624	1628	rBV	72713	122585	1.98%	0.120%
13	11.693	1628	1633	1636	rBV3	105418	206703	3.33%	0.203%
14	11.748	1639	1642	1653	rVB4	127238	373590	6.02%	0.367%
15	11.851	1653	1659	1662	rBV2	110072	204478	3.30%	0.201%
16	11.943	1669	1674	1678	rVB2	123908	203707	3.28%	0.200%
17	12.016	1678	1686	1692	rBV4	416602	963563	15.53%	0.947%
18	12.071	1692	1695	1697	rBV	58382	66759	1.08%	0.066%
19	12.132	1697	1705	1710	rVB	683669	1214941	19.58%	1.194%
20	12.211	1710	1718	1719	rBV3	348106	595416	9.60%	0.585%
21	12.241	1719	1723	1729	rVB	917054	1554905	25.07%	1.528%
22	12.333	1729	1738	1740	rBV6	219581	512726	8.27%	0.504%
23	12.388	1740	1747	1750	rBV5	303195	813950	13.12%	0.800%
24	12.424	1750	1753	1755	rVV	451800	557548	8.99%	0.548%
25	12.449	1755	1757	1761	rVB	503995	569486	9.18%	0.560%
26	12.498	1761	1765	1768	rBV2	371652	578959	9.33%	0.569%
27	12.534	1768	1771	1775	rVB2	469501	572325	9.23%	0.562%
28	12.583	1775	1779	1783	rBV3	188622	281442	4.54%	0.277%
29	12.656	1786	1791	1797	rVB2	1145541	2085930	33.63%	2.050%
30	12.741	1797	1805	1810	rBV6	419771	1129164	18.20%	1.110%
31	12.815	1810	1817	1825	rBV4	1407351	3587664	57.83%	3.526%
32	12.924	1832	1835	1837	rBV2	138904	181496	2.93%	0.178%
33	12.961	1837	1841	1845	rVV	887100	1331283	21.46%	1.308%
34	13.016	1845	1850	1852	rVV3	874703	1499340	24.17%	1.473%

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35	13.052	1852	1856	1862	rVV	2727352	4726841	76.20%	4.645%
36	13.113	1863	1866	1872	rVV3	625924	1260118	20.31%	1.238%
37	13.180	1872	1877	1881	rVV	1155719	1997326	32.20%	1.963%
38	13.235	1882	1886	1893	rVV4	941642	2049416	33.04%	2.014%
39	13.333	1893	1902	1905	rVV5	1363977	3171732	51.13%	3.117%
40	13.375	1905	1909	1912	rVV2	2224000	3571780	57.58%	3.510%
41	13.412	1912	1915	1917	rVV	1672279	2419807	39.01%	2.378%
42	13.442	1917	1920	1924	rVV2	2228881	3027334	48.80%	2.975%
43	13.516	1928	1932	1938	rVB	1921907	2705833	43.62%	2.659%
44	13.577	1938	1942	1946	rBV4	749109	1153238	18.59%	1.133%
45	13.705	1957	1963	1965	rBV4	497905	965546	15.56%	0.949%
46	13.759	1967	1972	1976	rVV3	1833497	3350044	54.00%	3.292%
47	13.808	1976	1980	1985	rVB3	921288	1520778	24.51%	1.495%
48	13.869	1986	1990	1994	rBV4	660087	1462424	23.57%	1.437%
49	13.924	1995	1999	2005	rVB3	1358755	2359693	38.04%	2.319%
50	13.979	2005	2008	2012	rVB3	852765	1045350	16.85%	1.027%
51	14.028	2012	2016	2022	rVB	1701786	2900083	46.75%	2.850%
52	14.089	2022	2026	2030	rVB	647917	857287	13.82%	0.843%
53	14.156	2031	2037	2042	rVB2	1420432	2532577	40.83%	2.489%
54	14.211	2042	2046	2048	rBV4	907836	1248443	20.12%	1.227%
55	14.253	2048	2053	2056	rBV2	2517124	5098952	82.19%	5.011%
56	14.326	2062	2065	2069	rBV2	1294827	1559440	25.14%	1.533%
57	14.394	2072	2076	2079	rVV	2064850	2687660	43.33%	2.641%
58	14.436	2079	2083	2087	rVB4	1331545	1968985	31.74%	1.935%
59	14.631	2112	2115	2121	rVB6	455584	769260	12.40%	0.756%
60	14.692	2121	2125	2129	rBV2	1312929	2324538	37.47%	2.284%
61	14.741	2129	2133	2140	rVB	3871361	6203485	100.00%	6.096%
62	14.863	2150	2153	2155	rBV2	286222	372950	6.01%	0.367%
63	15.052	2175	2184	2189	rBV3	1052467	3177717	51.22%	3.123%
64	15.107	2190	2193	2196	rVV	1138438	1953565	31.49%	1.920%
65	15.156	2198	2201	2207	rVB3	1239133	2079954	33.53%	2.044%
66	15.223	2207	2212	2219	rBV	2106122	3489895	56.26%	3.430%
67	15.460	2247	2251	2257	rVB6	227114	495881	7.99%	0.487%
68	15.558	2264	2267	2271	rVB3	400054	616780	9.94%	0.606%
69	16.094	2351	2355	2363	rVB4	344386	793064	12.78%	0.779%
70	16.174	2364	2368	2375	rVB3	257242	451612	7.28%	0.444%

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Title : SW846 8260

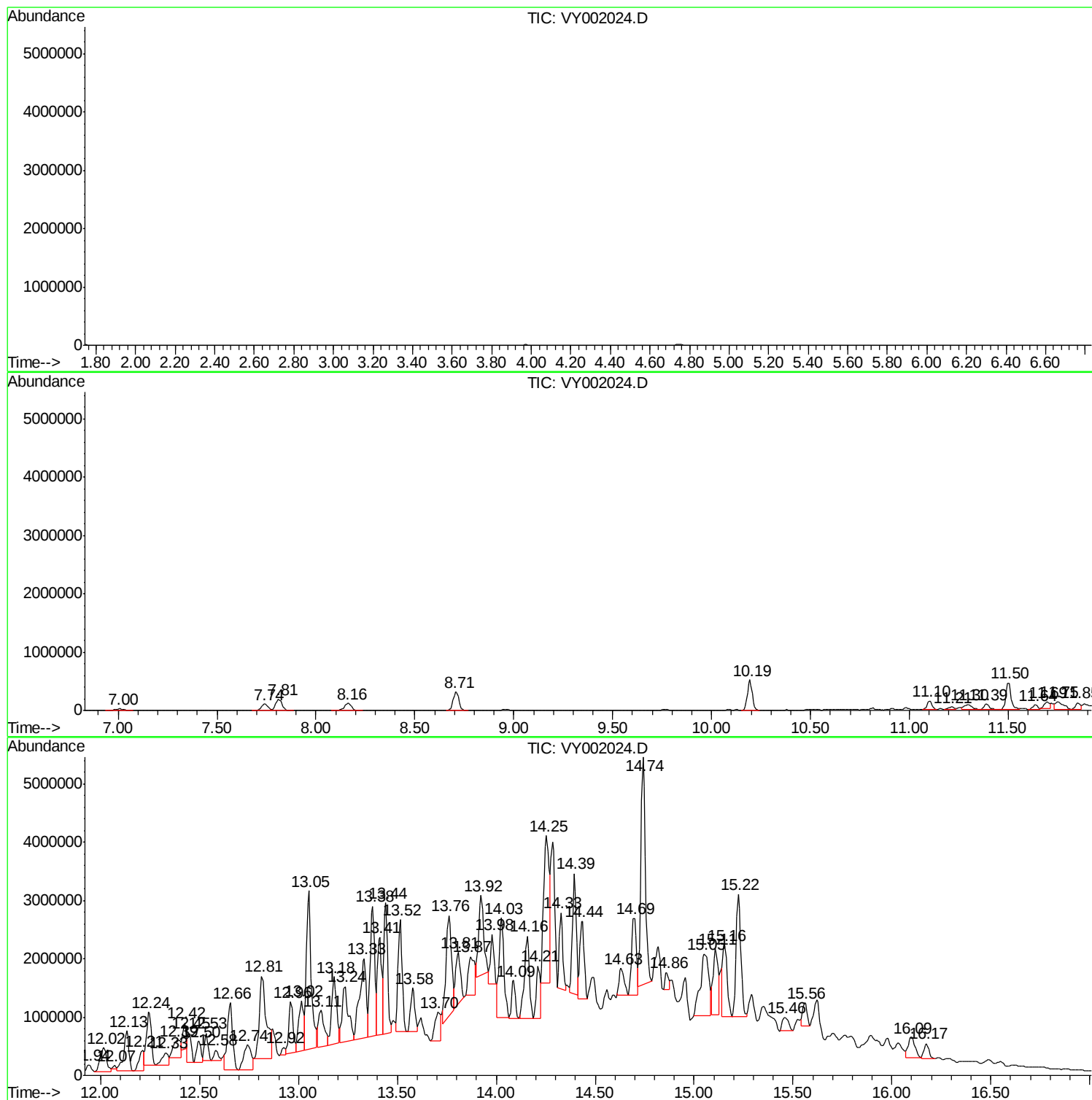
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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



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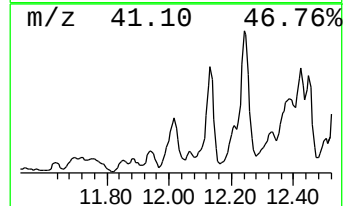
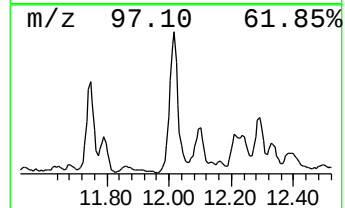
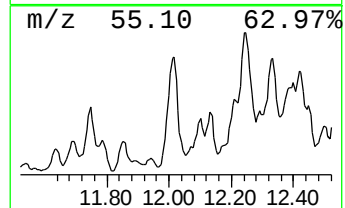
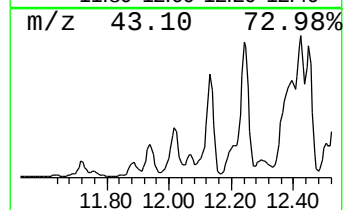
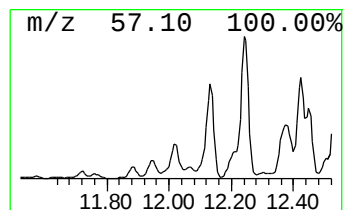
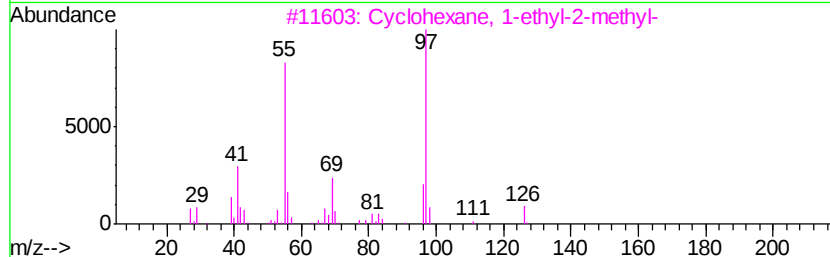
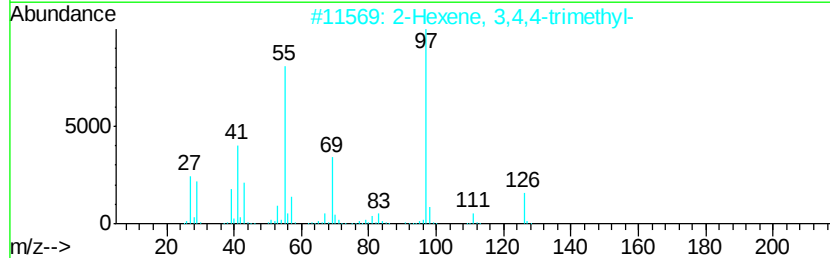
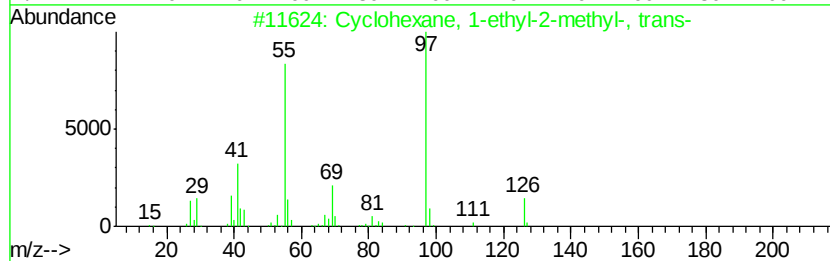
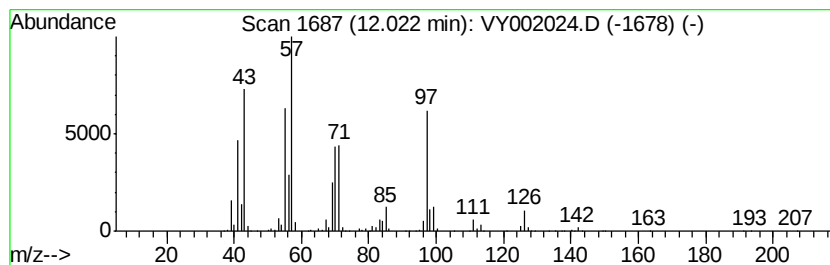
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	57.24 ug/l	963563	Chlorobenzene-d5	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43
2		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	43
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	43
4		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	38
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38



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ALS Vial : 14 Sample Multiplier: 1

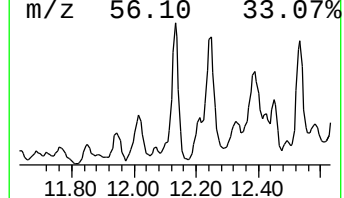
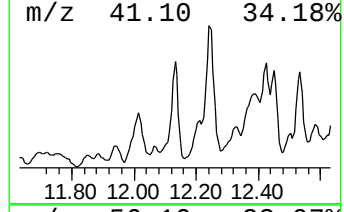
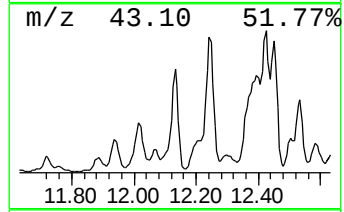
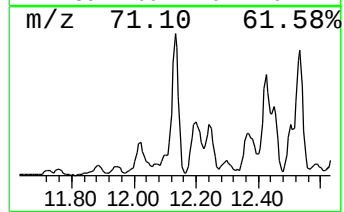
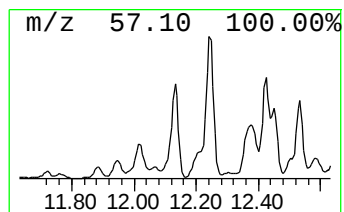
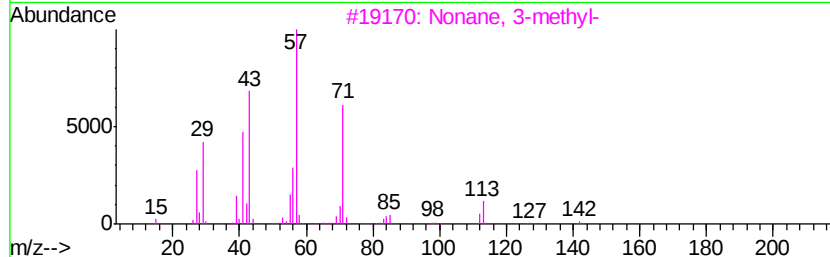
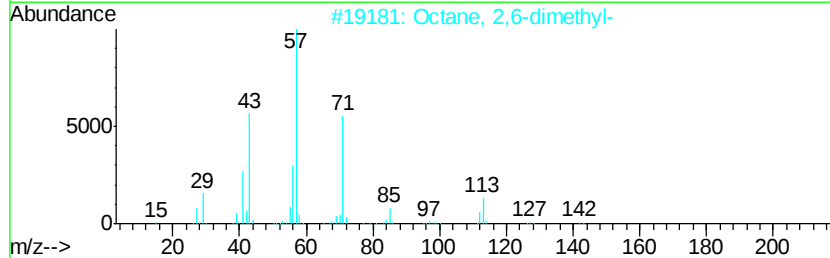
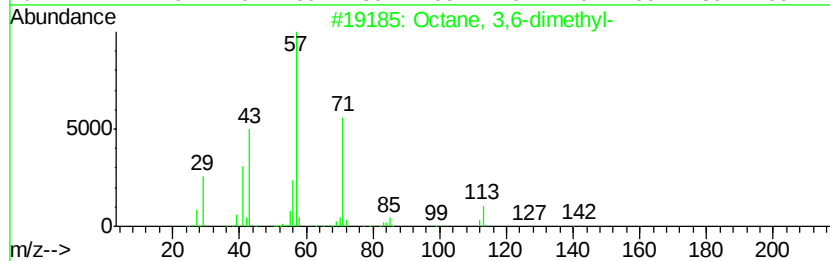
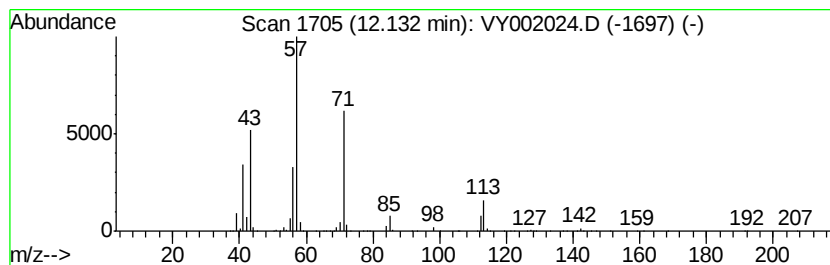
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.13	72.17 ug/l	1214940	Chlorobenzene-d5	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
4	Sulfurous acid, 2-ethylhexyl hex...		418	C24H50O3S	1000309-19-9	59
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	59



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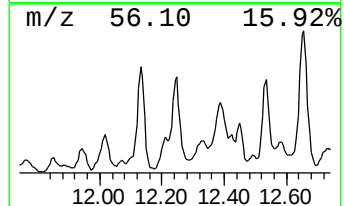
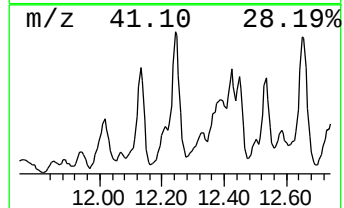
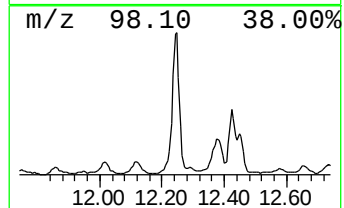
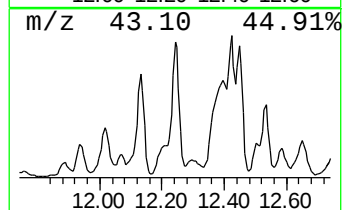
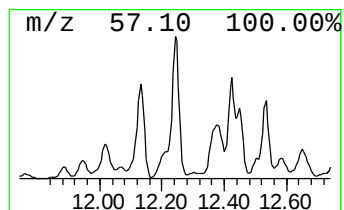
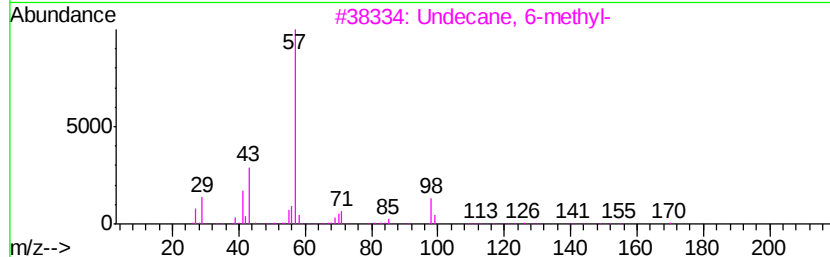
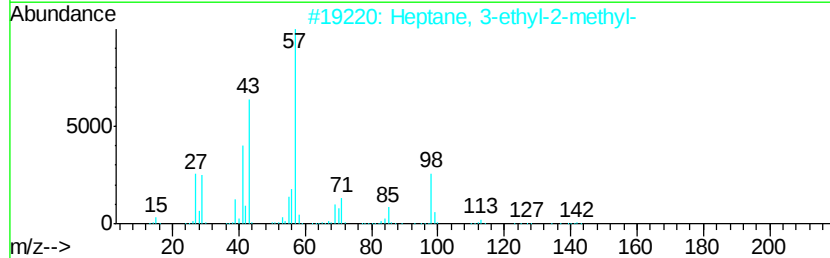
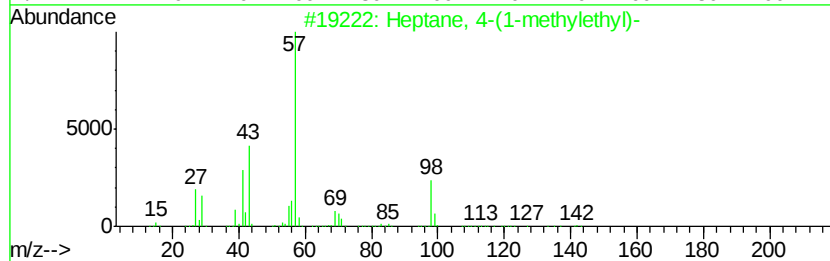
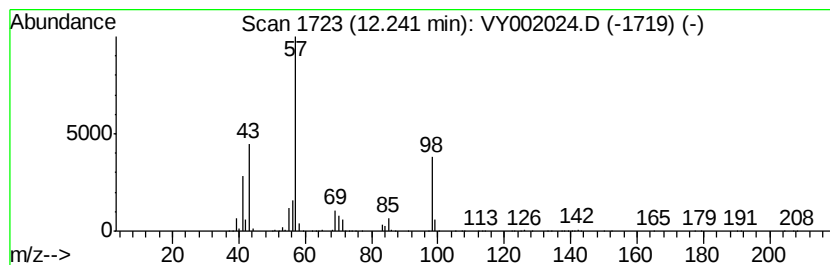
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 4-(1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.24	92.37 ug/l	1554910	Chlorobenzene-d5	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	90
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50



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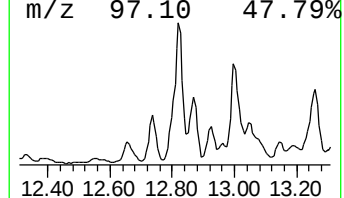
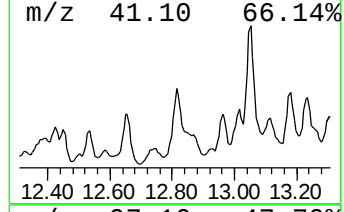
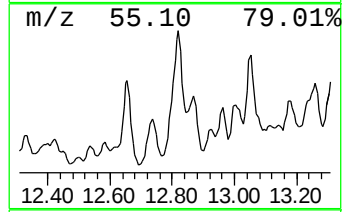
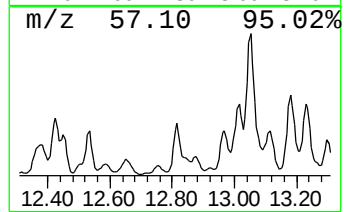
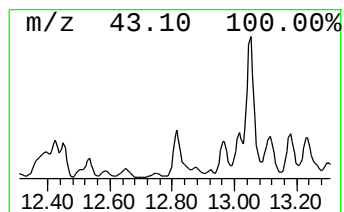
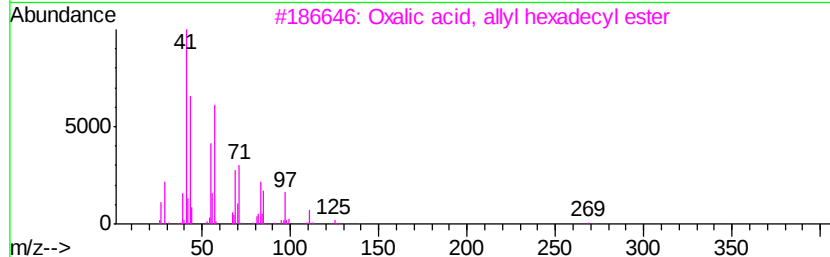
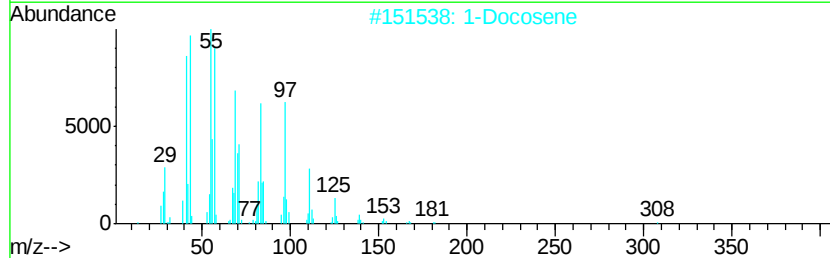
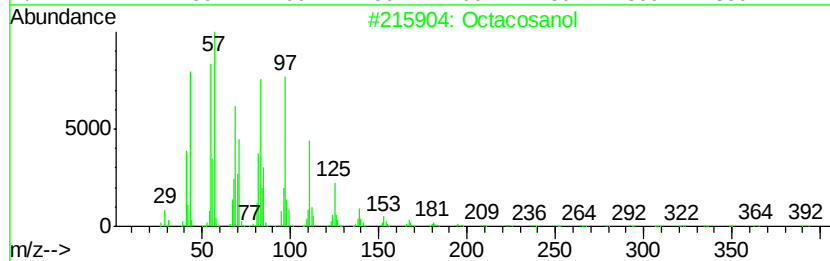
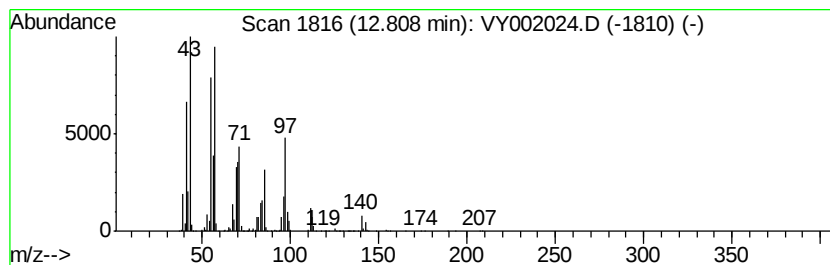
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Quant Title : SW846 8260

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

Peak Number 4 Octacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	59.25 ug/l	3587660	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosanol	410	C28H58O	000557-61-9	86
2		1-Docosene	308	C22H44	001599-67-3	80
3		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	58
4		1-Nonadecene	266	C19H38	018435-45-5	58
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
Data File : VY002024.D
Acq On : 19 Mar 2020 16:12
Operator : SY/MD
Sample : L1978-10
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-7A

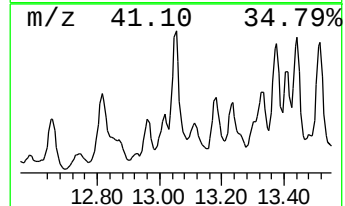
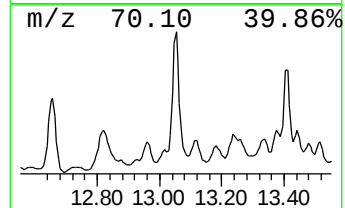
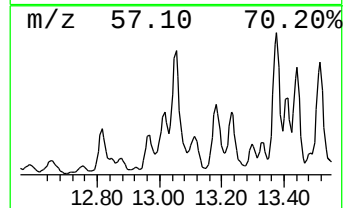
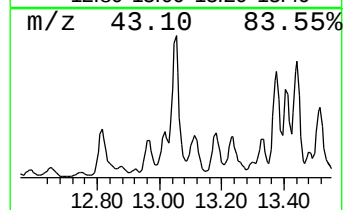
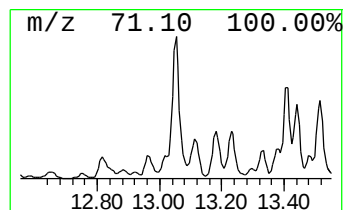
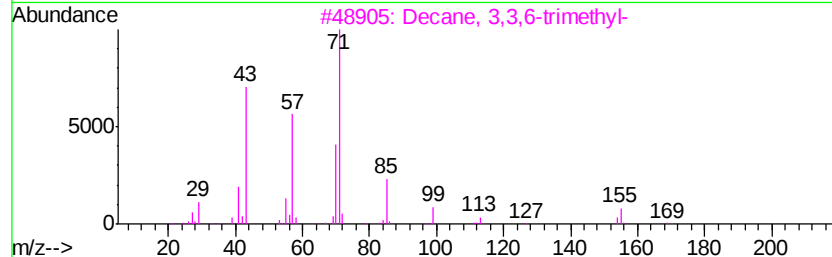
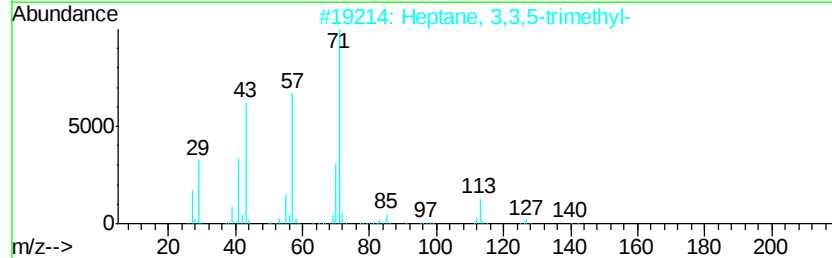
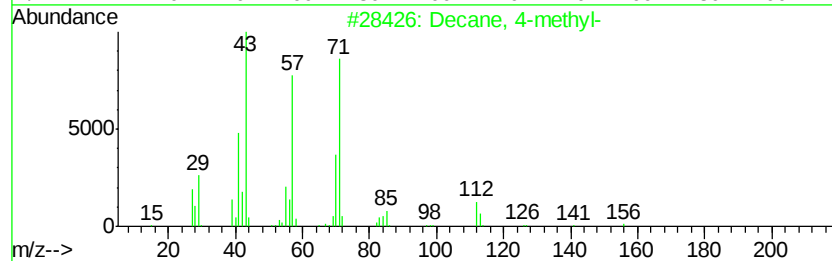
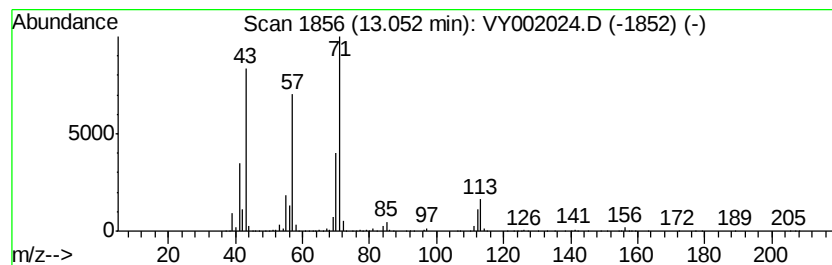
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	78.07 ug/l	4726840	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	86	
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78	
3	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	64	
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	59	
5	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	53	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
Data File : VY002024.D
Acq On : 19 Mar 2020 16:12
Operator : SY/MD
Sample : L1978-10
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

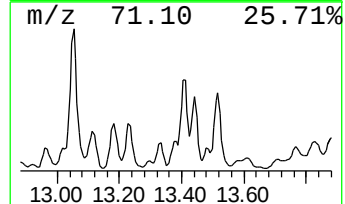
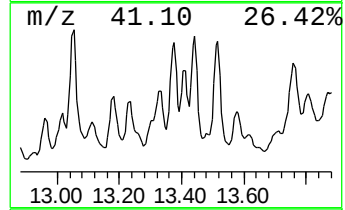
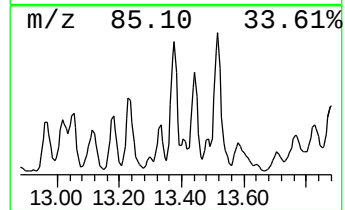
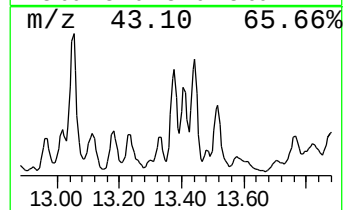
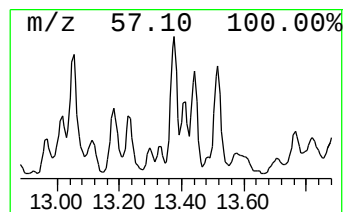
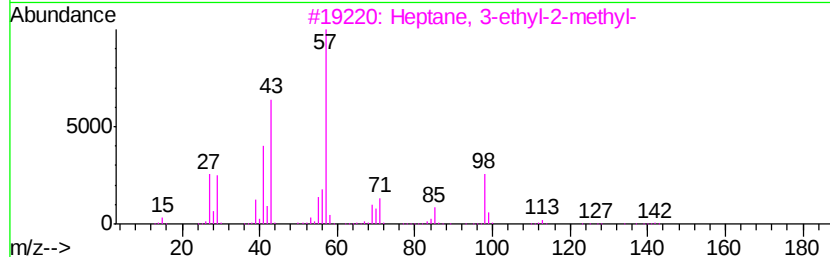
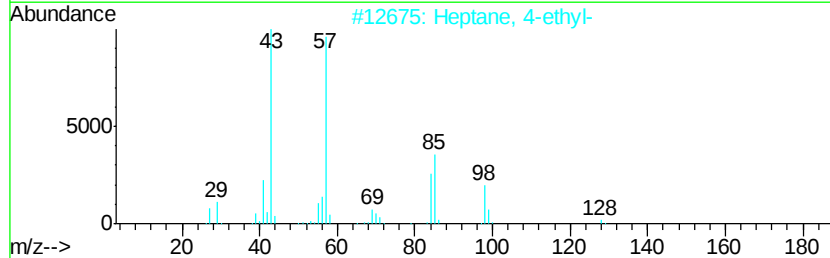
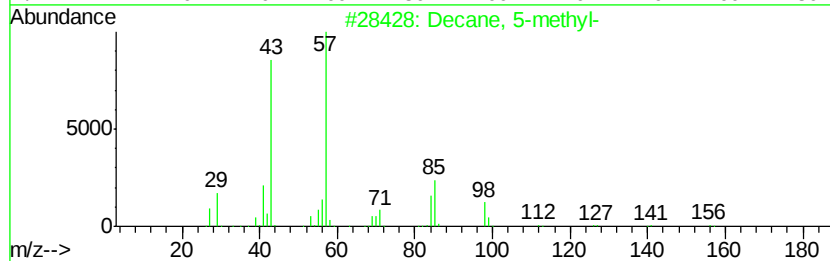
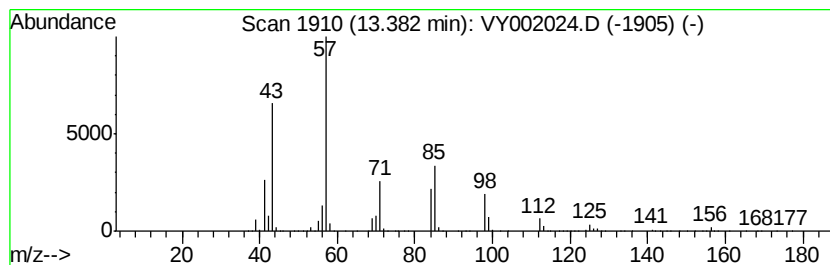
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ClientSampleId :
TP-7A

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 6 Decane, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	58.99 ug/l	3571780	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 5-methyl-	156 C11H24	013151-35-4	87
2	Heptane, 4-ethyl-	128 C9H20	002216-32-2	50
3	Heptane, 3-ethyl-2-methyl-	142 C10H22	014676-29-0	43
4	Undecane, 5,6-dimethyl-	184 C13H28	017615-91-7	43
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198 C14H30	007225-67-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
Data File : VY002024.D
Acq On : 19 Mar 2020 16:12
Operator : SY/MD
Sample : L1978-10
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
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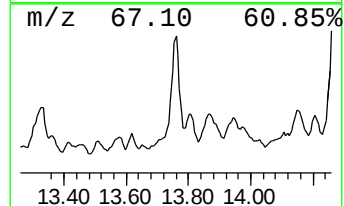
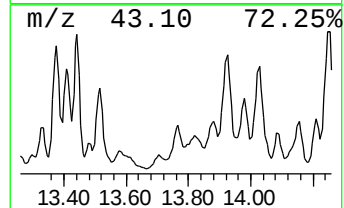
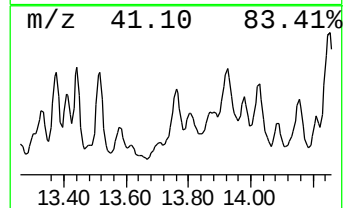
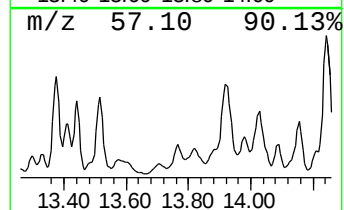
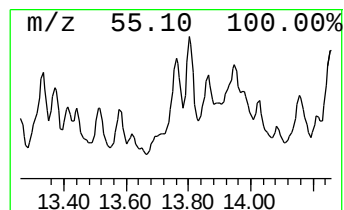
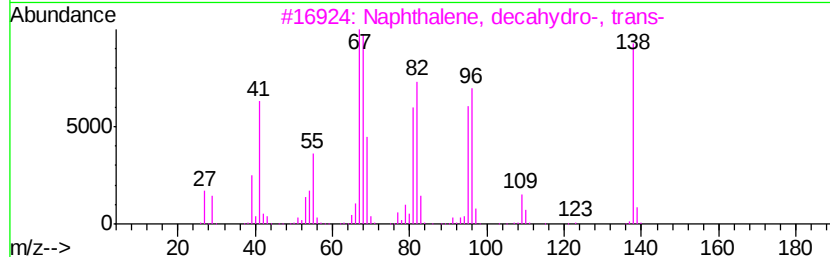
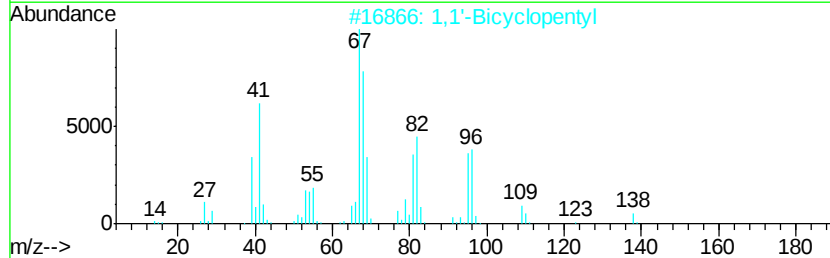
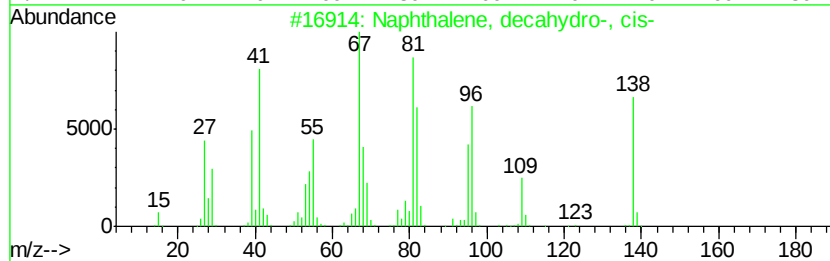
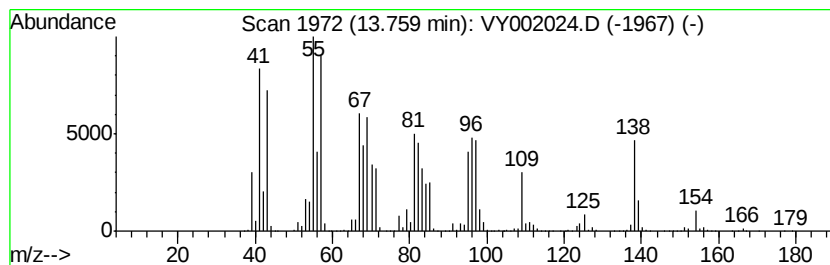
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-, cis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	55.33 ug/l	3350040	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	91
2		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	49
4		Spiro[4.5]decane	138	C10H18	000176-63-6	49
5		4,6-Decadiene	138	C10H18	055682-65-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
Data File : VY002024.D
Acq On : 19 Mar 2020 16:12
Operator : SY/MD
Sample : L1978-10
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-7A

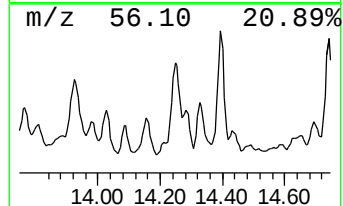
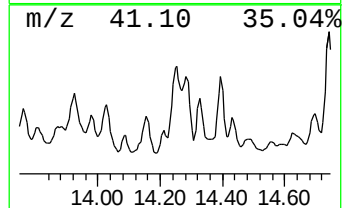
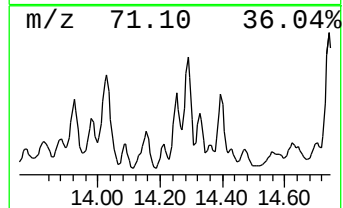
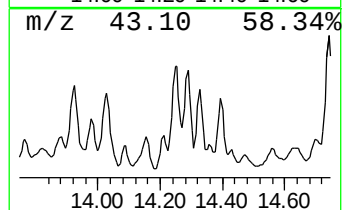
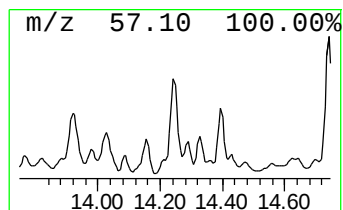
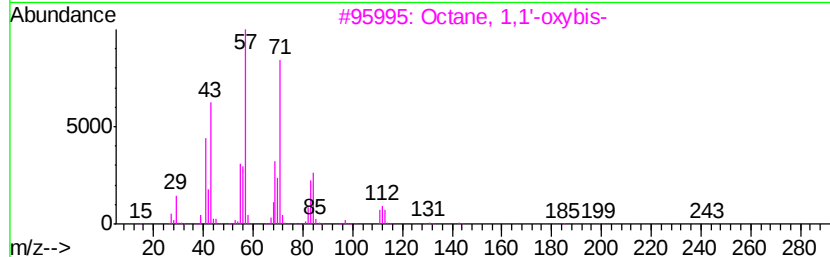
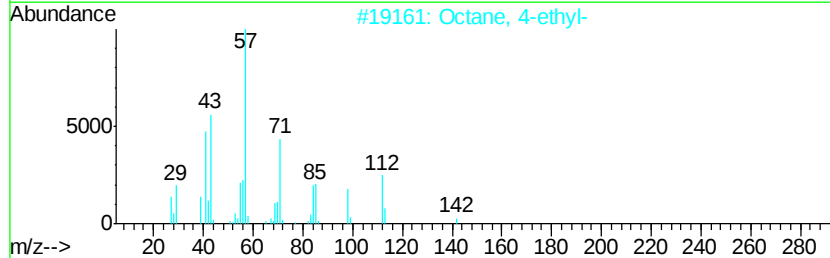
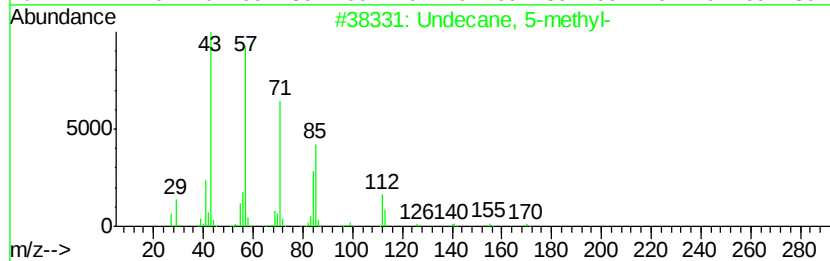
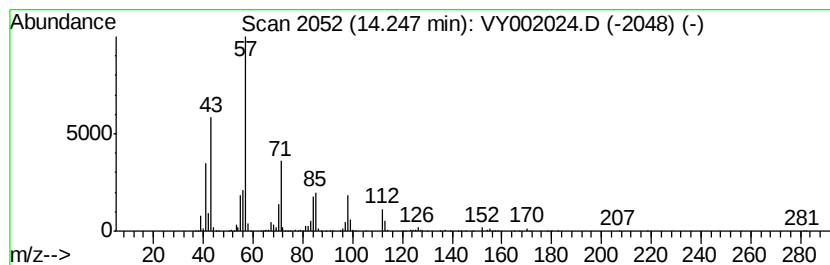
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	84.22 ug/l	5098950	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	74
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	49
4		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
Data File : VY002024.D
Acq On : 19 Mar 2020 16:12
Operator : SY/MD
Sample : L1978-10
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-7A

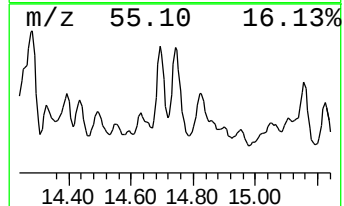
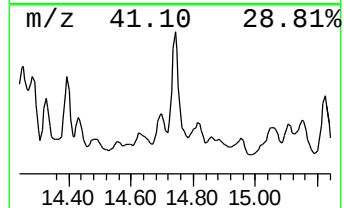
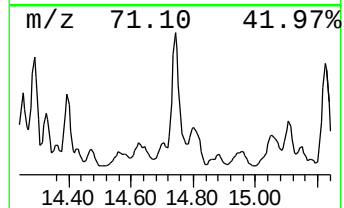
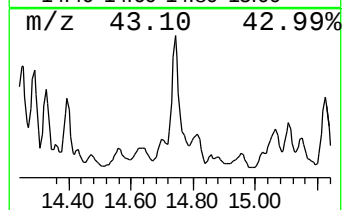
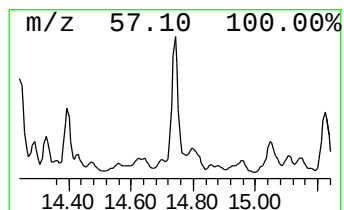
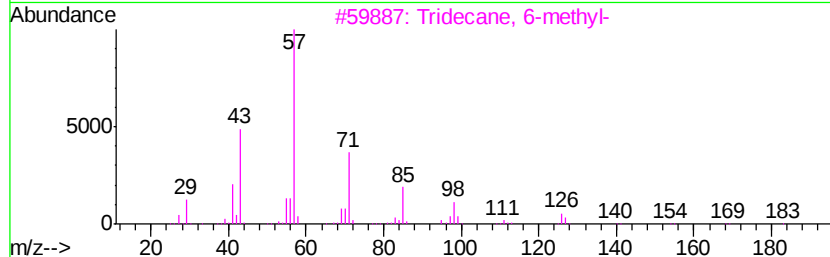
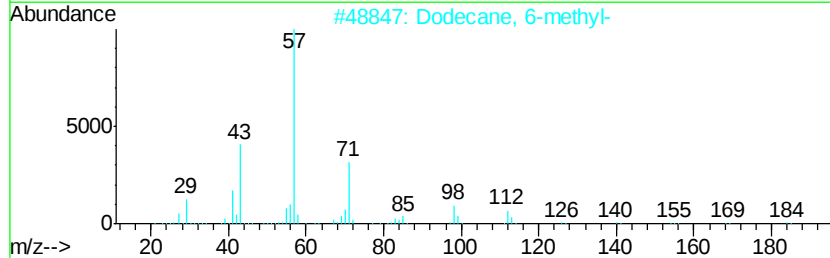
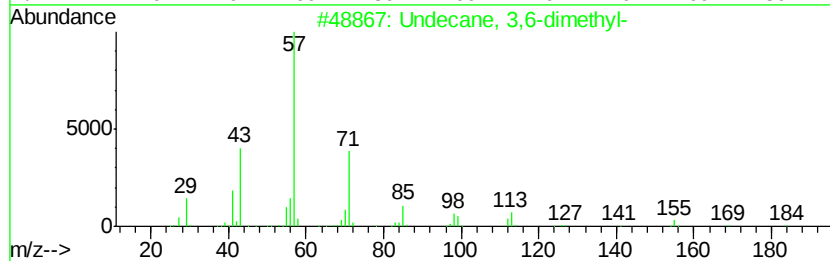
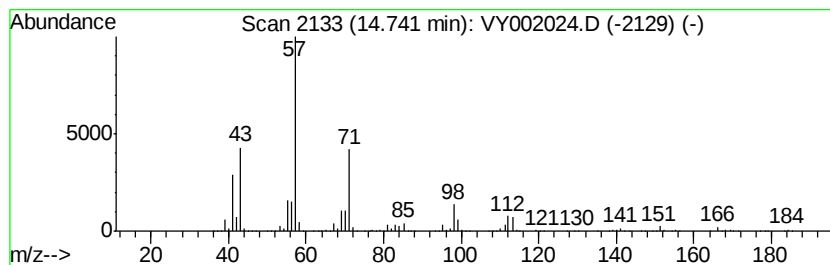
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Quant Title : SW846 8260

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

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	102.46 ug/l	6203490	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	91
2	Dodecane, 6-methyl-		184	C13H28	006044-71-9	90
3	Tridecane, 6-methyl-		198	C14H30	013287-21-3	72
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	64
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
Data File : VY002024.D
Acq On : 19 Mar 2020 16:12
Operator : SY/MD
Sample : L1978-10
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-7A

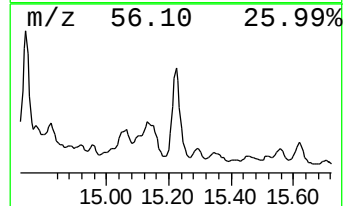
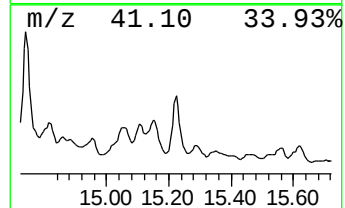
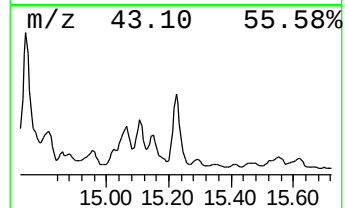
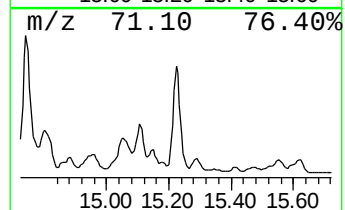
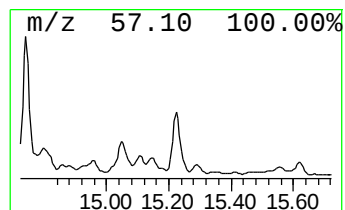
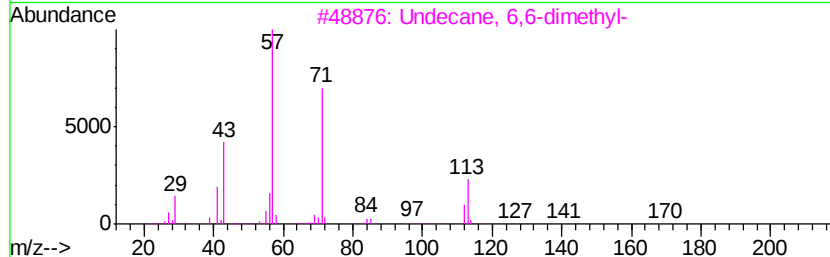
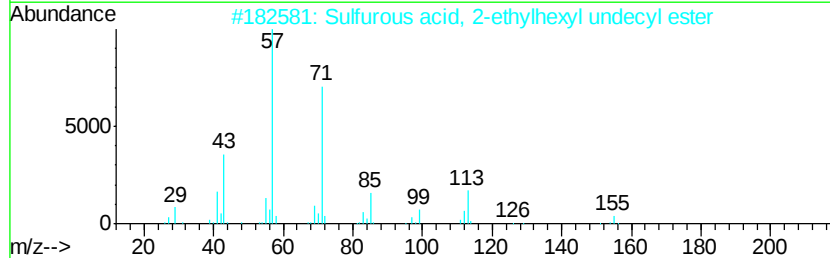
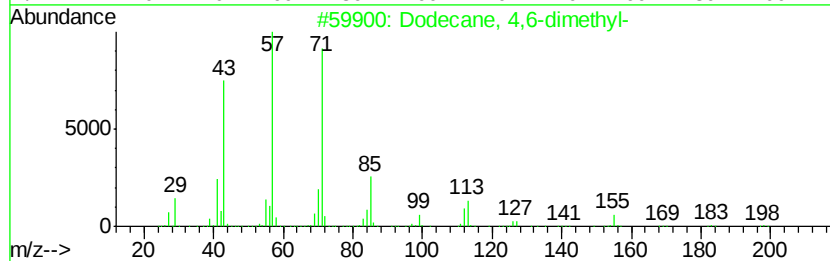
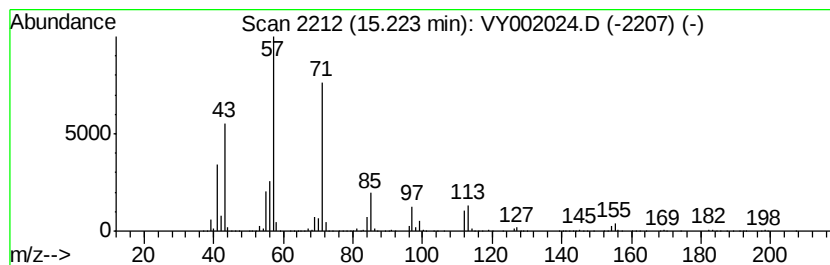
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	57.64 ug/l	3489900	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	52
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY031920\
Data File : VY002024.D
Acq On : 19 Mar 2020 16:12
Operator : SY/MD
Sample : L1978-10
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-7A

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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					#	RT	Resp	Conc
unknown12.02	12.02	57.2	ug/l	963563	3	11.50	841712	50.0
Octane, 3,6-dimet...	12.13	72.2	ug/l	1214940	3	11.50	841712	50.0
Heptane, 4-(1-met...	12.24	92.4	ug/l	1554910	3	11.50	841712	50.0
Octacosanol	12.81	59.3	ug/l	3587660	4	13.44	3027330	50.0
Decane, 4-methyl-	13.05	78.1	ug/l	4726840	4	13.44	3027330	50.0
Decane, 5-methyl-	13.38	59.0	ug/l	3571780	4	13.44	3027330	50.0
Naphthalene, deca...	13.76	55.3	ug/l	3350040	4	13.44	3027330	50.0
Undecane, 5-methyl-	14.25	84.2	ug/l	5098950	4	13.44	3027330	50.0
Undecane, 3,6-dim...	14.74	102.5	ug/l	6203490	4	13.44	3027330	50.0
Dodecane, 4,6-dim...	15.22	57.6	ug/l	3489900	4	13.44	3027330	50.0