

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000882.D
 Acq On : 05 Dec 2019 14:55
 Operator : SY/MD
 Sample : K6164-01
 Misc : 6.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BOX-2512

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\82Y112719S.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	3.950	352	363	381	rBV	158991	442587	2.04%	0.224%
2	7.730	971	983	988	rBV	169323	400117	1.85%	0.203%
3	7.797	988	994	1005	rVB	298108	673531	3.11%	0.341%
4	8.150	1043	1052	1062	rBV2	186275	410141	1.89%	0.208%
5	8.693	1133	1141	1150	rBV	474053	944297	4.36%	0.479%
6	10.181	1377	1385	1392	rBV	757799	1286979	5.95%	0.652%
7	11.485	1592	1599	1609	rVB	635357	1049116	4.85%	0.532%
8	11.711	1630	1636	1643	rVB	260230	388142	1.79%	0.197%
9	12.119	1698	1703	1708	rVB	218422	301500	1.39%	0.153%
10	12.235	1718	1722	1728	rVB2	185925	331627	1.53%	0.168%
11	12.412	1747	1751	1753	rBV	219696	296507	1.37%	0.150%
12	12.436	1753	1755	1758	rVB	295362	315916	1.46%	0.160%
13	12.479	1758	1762	1766	rBV	405115	580831	2.68%	0.294%
14	12.522	1766	1769	1774	rVB	341521	446197	2.06%	0.226%
15	12.644	1784	1789	1796	rVB5	166183	344735	1.59%	0.175%
16	12.729	1796	1803	1806	rBV4	148792	335796	1.55%	0.170%
17	12.802	1806	1815	1821	rVV	4283844	6555907	30.29%	3.323%
18	12.857	1821	1824	1830	rVB4	242214	385334	1.78%	0.195%
19	12.955	1835	1840	1845	rBV2	312014	811896	3.75%	0.412%
20	13.040	1850	1854	1860	rVB	1467028	2118683	9.79%	1.074%
21	13.101	1860	1864	1871	rBV5	174945	381270	1.76%	0.193%
22	13.168	1871	1875	1879	rBV	299863	433668	2.00%	0.220%
23	13.217	1879	1883	1887	rBV	421474	703551	3.25%	0.357%
24	13.314	1892	1899	1903	rBV4	1127641	2287895	10.57%	1.160%
25	13.363	1903	1907	1910	rBV2	1133512	1542900	7.13%	0.782%
26	13.393	1910	1912	1915	rVV	559228	689906	3.19%	0.350%
27	13.430	1915	1918	1926	rVB3	1727055	3045226	14.07%	1.544%
28	13.503	1926	1930	1936	rVB	1295831	1761115	8.14%	0.893%
29	13.564	1936	1940	1942	rBV4	278848	434050	2.01%	0.220%
30	13.619	1946	1949	1952	rVB	524729	652343	3.01%	0.331%
31	13.662	1952	1956	1964	rVB2	1071038	1702597	7.87%	0.863%
32	13.753	1965	1971	1975	rBV	12397639	18036579	83.33%	9.143%
33	13.796	1975	1978	1980	rVV2	230463	316611	1.46%	0.160%
34	13.820	1980	1982	1986	rVB	494005	605331	2.80%	0.307%

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35	13.912	1993	1997	2002	rVB3	1414808	2191046	10.12%	1.111%
36	13.973	2002	2007	2011	rVB	1648804	2262316	10.45%	1.147%
37	14.015	2011	2014	2019	rVB2	1375676	1948243	9.00%	0.988%
38	14.076	2019	2024	2029	rBV2	2445889	3861498	17.84%	1.957%
39	14.149	2029	2036	2041	rBV5	1051617	2670413	12.34%	1.354%
40	14.241	2041	2051	2054	rBV4	3002144	8060535	37.24%	4.086%
41	14.314	2060	2063	2070	rVB2	3043837	5718264	26.42%	2.899%
42	14.381	2070	2074	2078	rBV	3416256	4729184	21.85%	2.397%
43	14.424	2078	2081	2084	rVB	1505515	1900174	8.78%	0.963%
44	14.521	2093	2097	2100	rVB	815190	1036872	4.79%	0.526%
45	14.613	2107	2112	2117	rVB	15551862	21645153	100.00%	10.972%
46	14.680	2117	2123	2128	rBV3	4430416	10302140	47.60%	5.222%
47	14.735	2128	2132	2138	rVB2	4951563	8342230	38.54%	4.229%
48	14.911	2158	2161	2162	rBV3	546402	626394	2.89%	0.318%
49	14.948	2163	2167	2170	rVV2	2350406	3400262	15.71%	1.724%
50	15.052	2178	2184	2189	rBV3	2973598	6590490	30.45%	3.341%
51	15.210	2204	2210	2219	rBV4	3505774	7421653	34.29%	3.762%
52	15.289	2219	2223	2227	rVV	1960832	3282482	15.16%	1.664%
53	15.344	2228	2232	2243	rVV5	2516397	8801123	40.66%	4.461%
54	15.436	2243	2247	2255	rVB3	5517188	9407144	43.46%	4.768%
55	15.527	2255	2262	2269	rBV4	1797340	4896586	22.62%	2.482%
56	15.606	2269	2275	2280	rVB2	1381967	2456477	11.35%	1.245%
57	15.686	2281	2288	2291	rVV3	1580342	3958062	18.29%	2.006%
58	15.722	2291	2294	2303	rVV	2264966	4179318	19.31%	2.118%
59	15.814	2306	2309	2314	rVV4	707904	1240466	5.73%	0.629%
60	15.887	2315	2321	2336	rVB3	1604903	5170243	23.89%	2.621%
61	16.033	2338	2345	2350	rBV2	1940931	4079284	18.85%	2.068%
62	16.228	2372	2377	2382	rVB3	1240567	2457997	11.36%	1.246%
63	16.289	2382	2387	2393	rBV4	643311	1102927	5.10%	0.559%
64	16.484	2412	2419	2426	rBV4	1037286	2525912	11.67%	1.280%

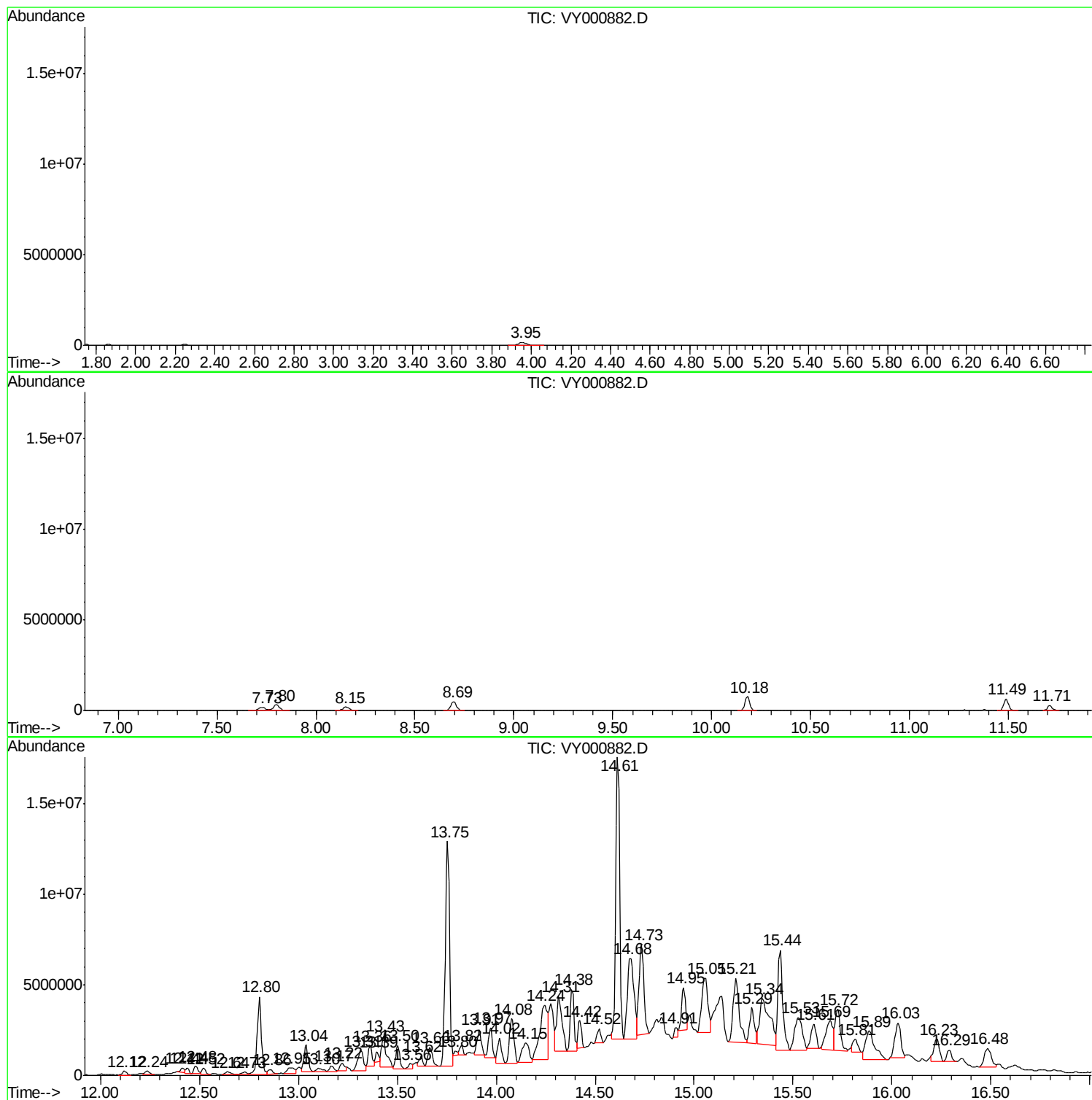
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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



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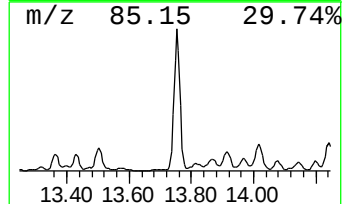
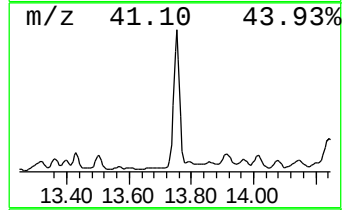
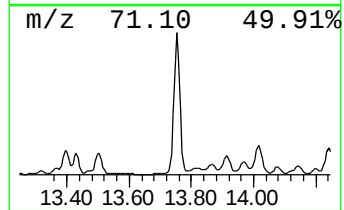
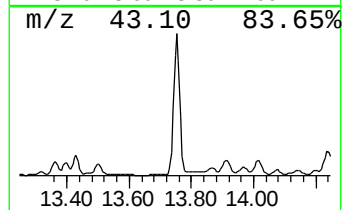
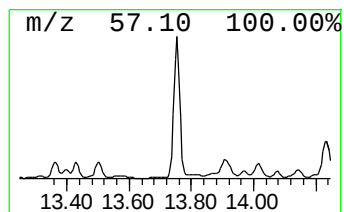
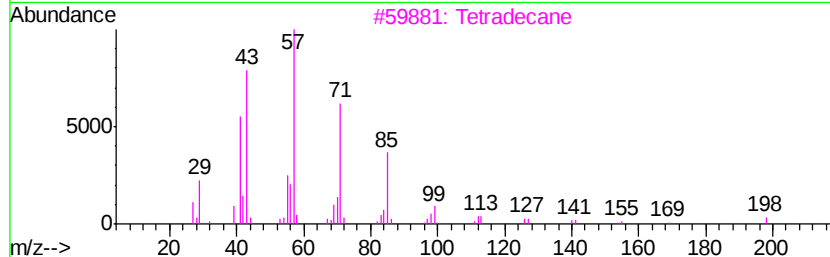
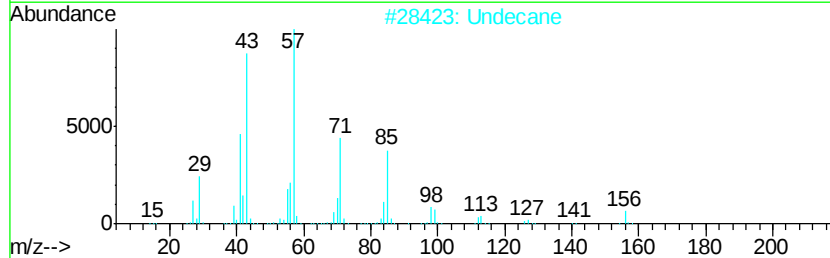
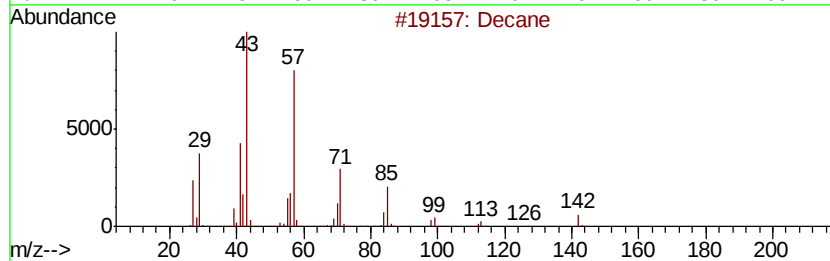
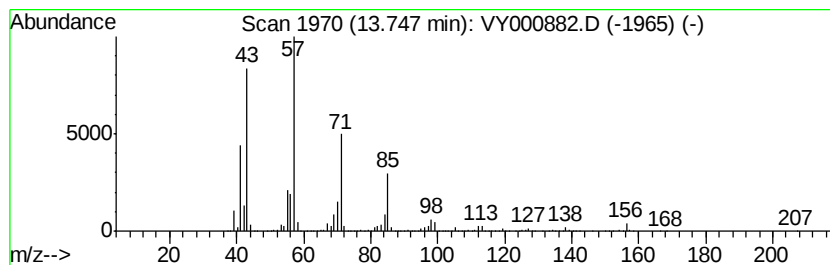
Instrument :
MSVOA_Y
ClientSampleId :
BOX-2512

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	296.15 ug/l	18036600	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 94
2	Undecane		156 C11H24	001120-21-4 93
3	Tetradecane		198 C14H30	000629-59-4 90
4	Tridecane		184 C13H28	000629-50-5 86
5	Hexadecane		226 C16H34	000544-76-3 80



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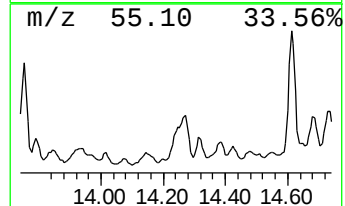
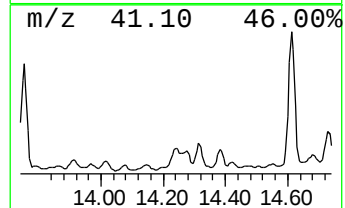
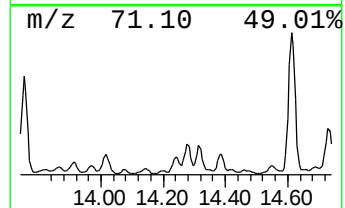
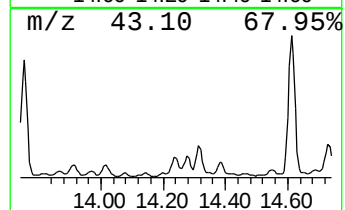
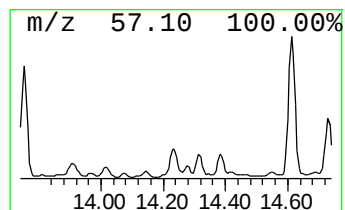
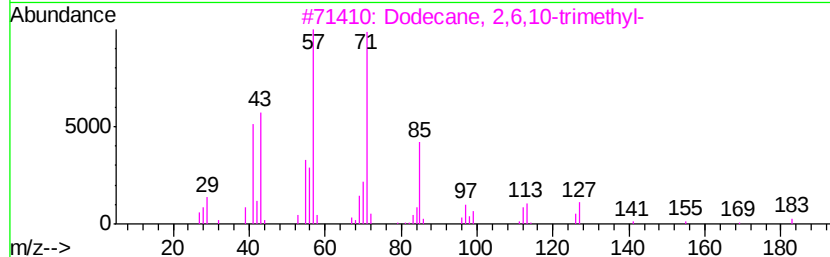
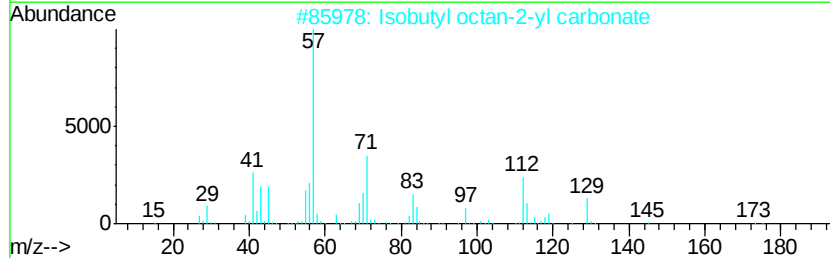
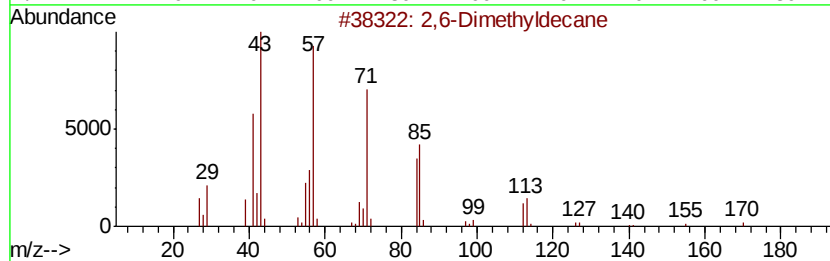
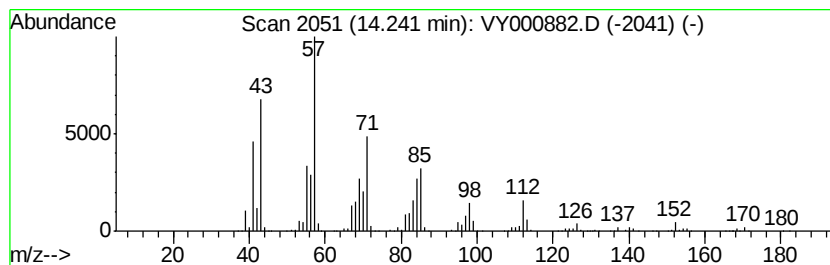
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2,6-Dimethyldecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	132.35 ug/l	8060540	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6-Dimethyldecane	170 C12H26	013150-81-7	68
2	Isobutyl octan-2-yl carbonate	230 C13H26O3	1000372-74-7	50
3	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	50
4	Undecane, 5-methyl-	170 C12H26	001632-70-8	50
5	Undecane, 2,9-dimethyl-	184 C13H28	017301-26-7	50



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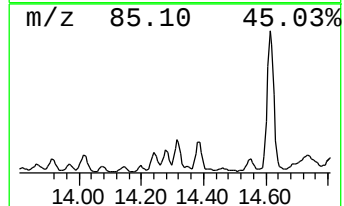
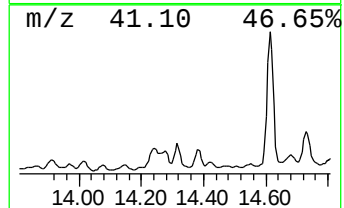
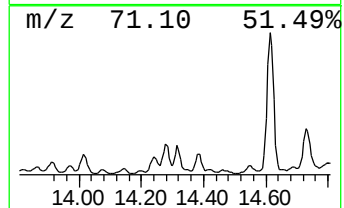
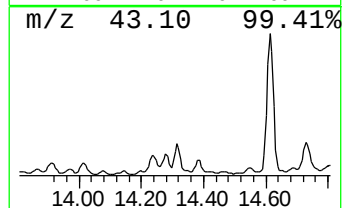
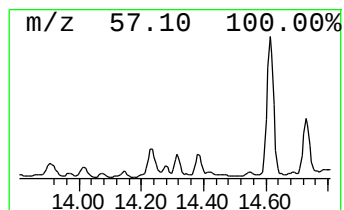
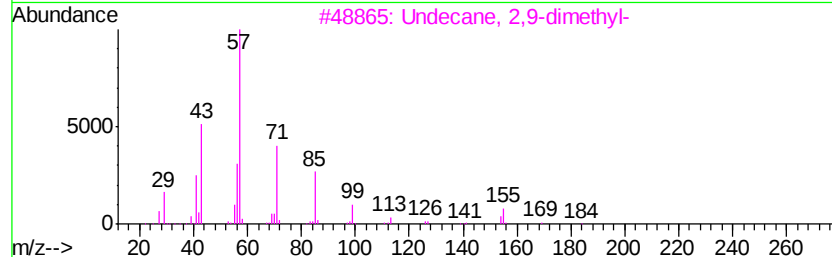
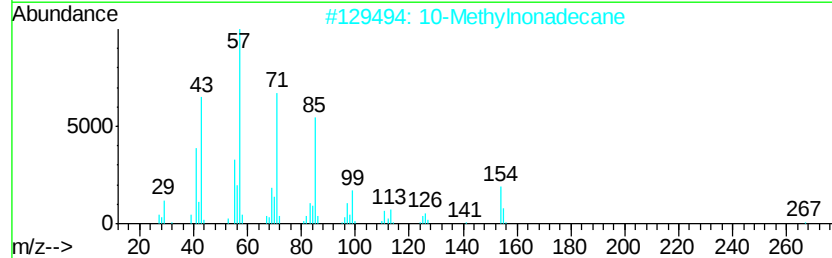
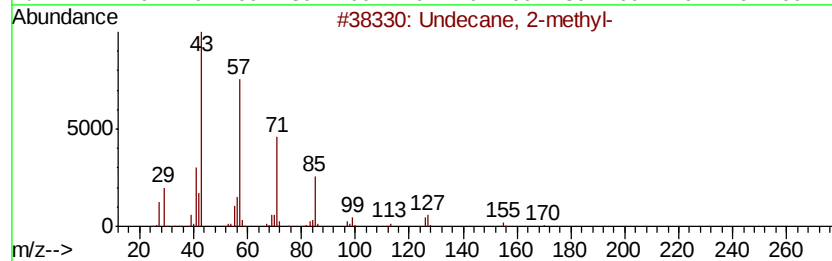
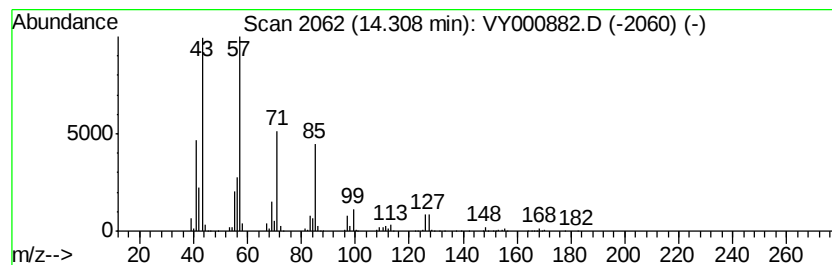
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	93.89 ug/l	5718260	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2		10-Methylnonadecane	282	C20H42	056862-62-5	80
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	58



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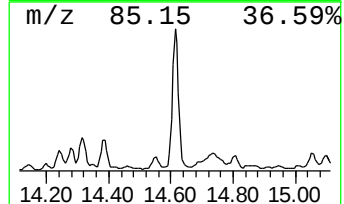
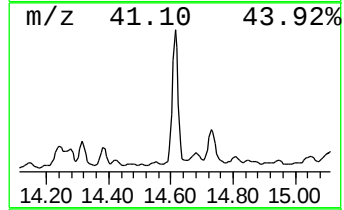
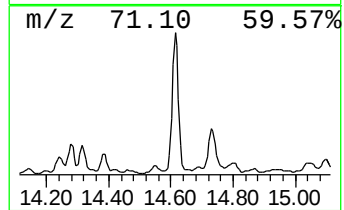
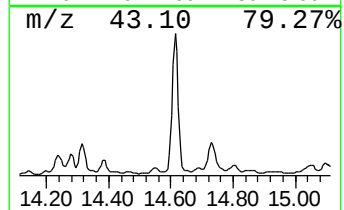
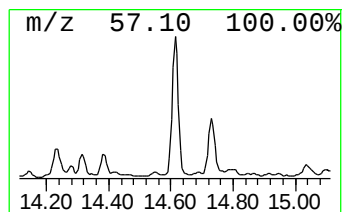
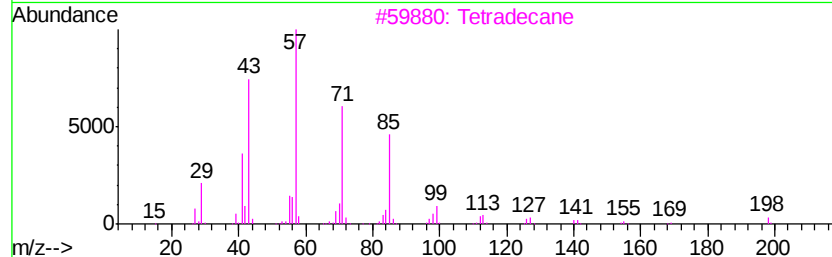
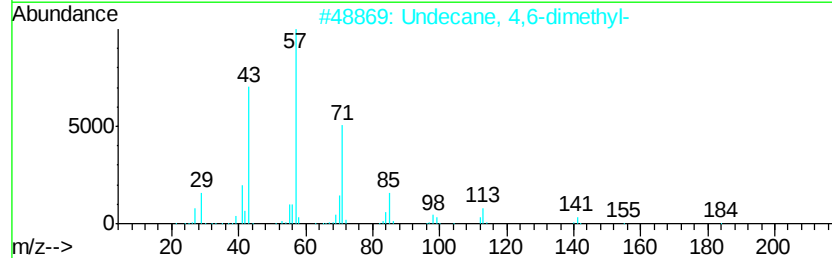
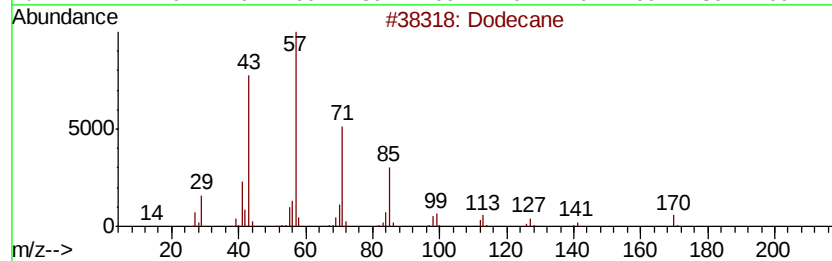
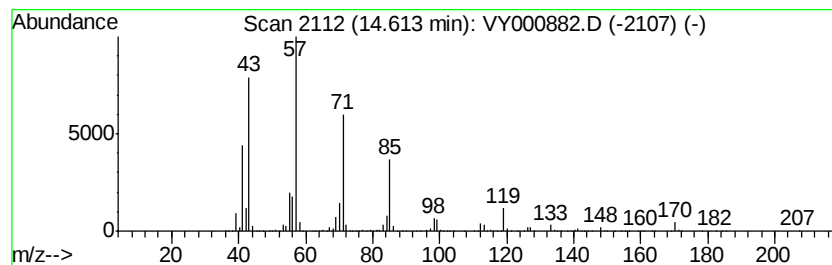
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	355.40 ug/l	21645200	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	83
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	81
3		Tetradecane	198	C14H30	000629-59-4	80
4		Undecane	156	C11H24	001120-21-4	74
5		Hexadecane	226	C16H34	000544-76-3	72



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ClientSampleId :
BOX-2512

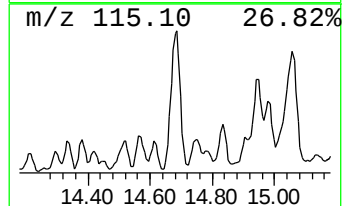
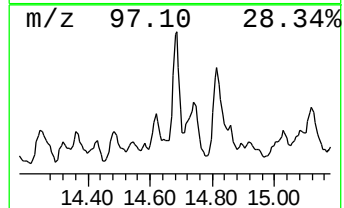
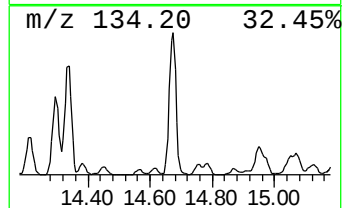
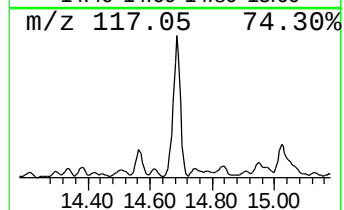
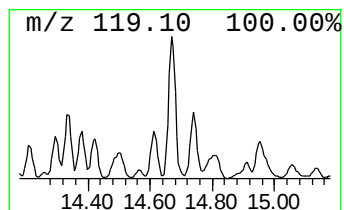
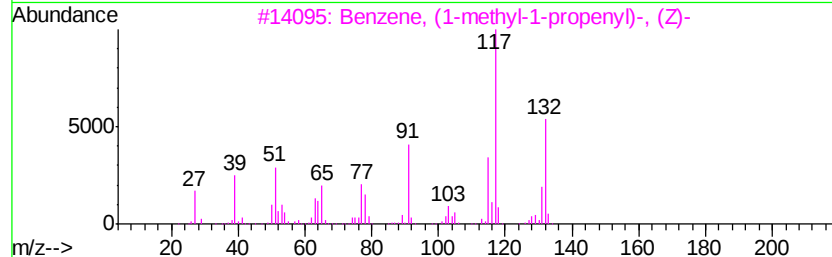
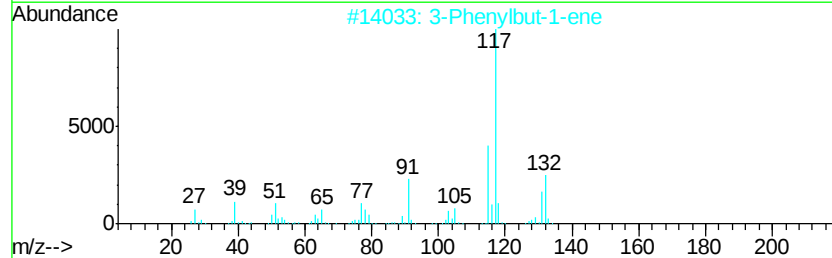
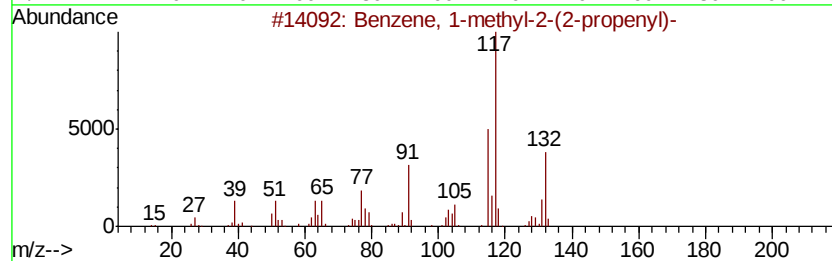
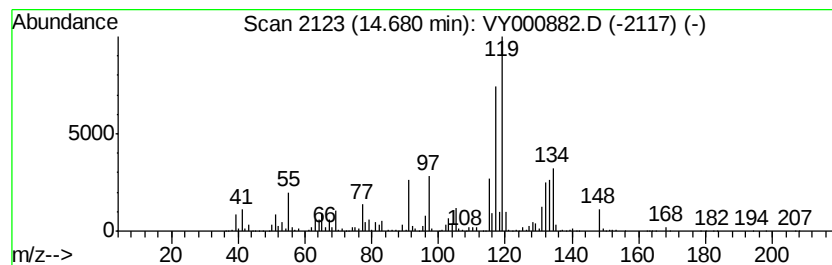
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	169.15 ug/l	10302100	1,4-Dichlorobenzene-d4	13.42

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, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	49
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000882.D
Acq On : 05 Dec 2019 14:55
Operator : SY/MD
Sample : K6164-01
Misc : 6.78G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BOX-2512

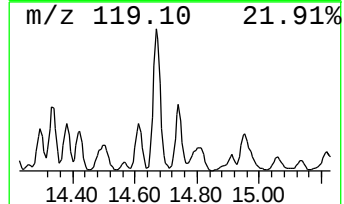
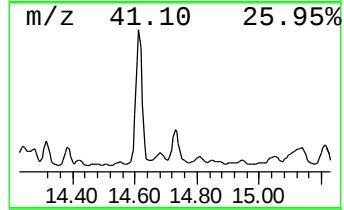
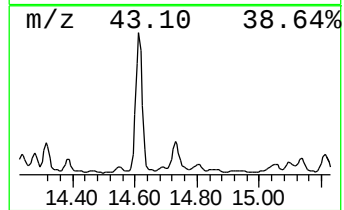
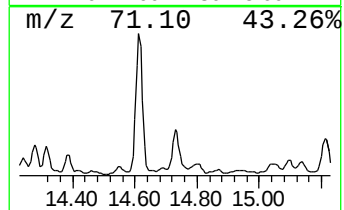
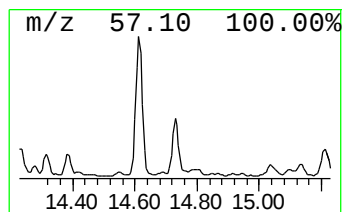
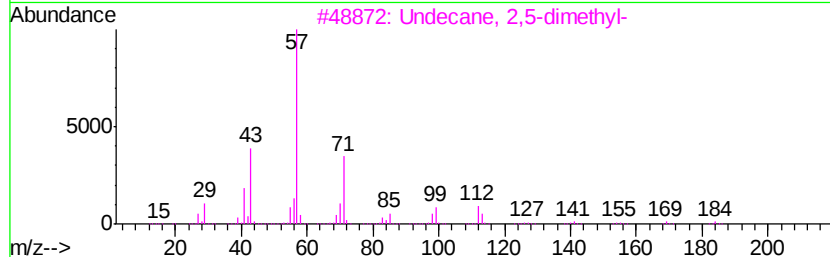
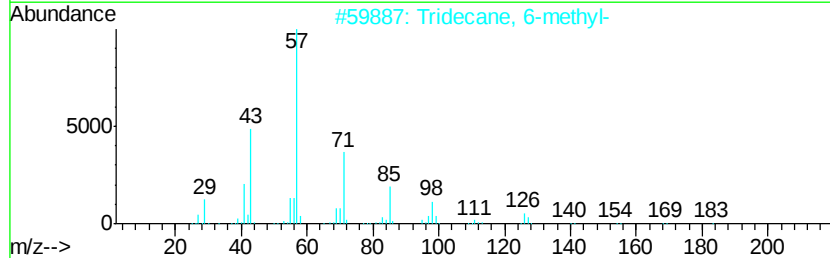
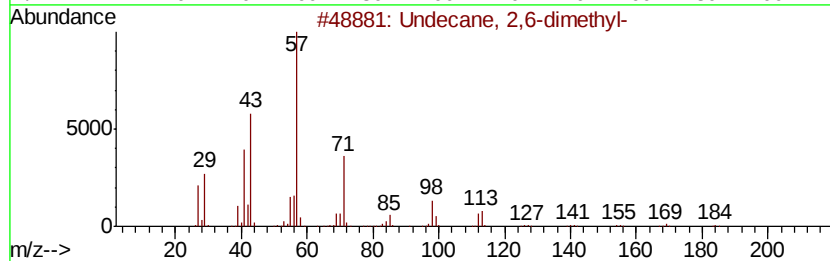
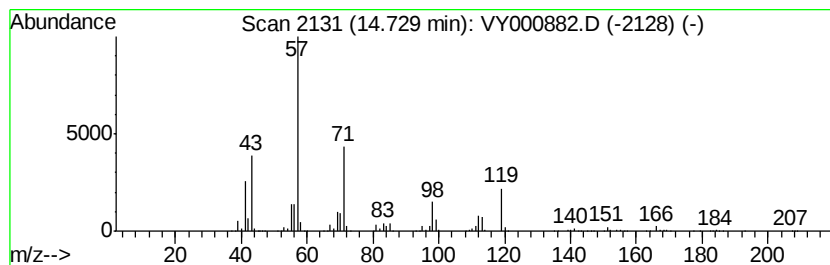
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Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	136.97 ug/l	8342230	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	46
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	46
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000882.D
Acq On : 05 Dec 2019 14:55
Operator : SY/MD
Sample : K6164-01
Misc : 6.78G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BOX-2512

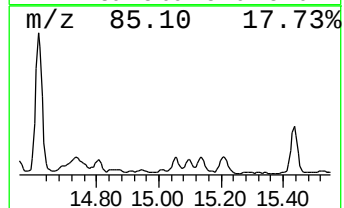
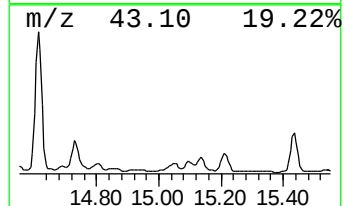
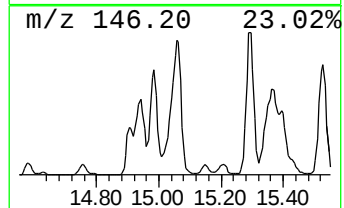
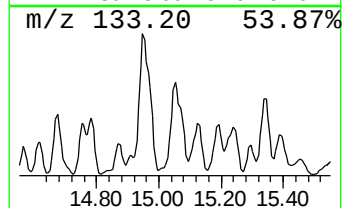
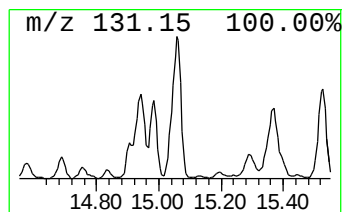
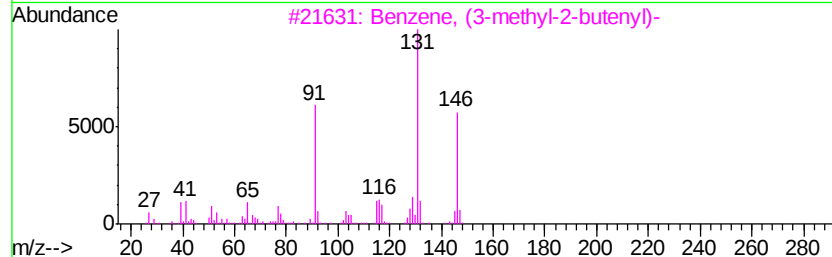
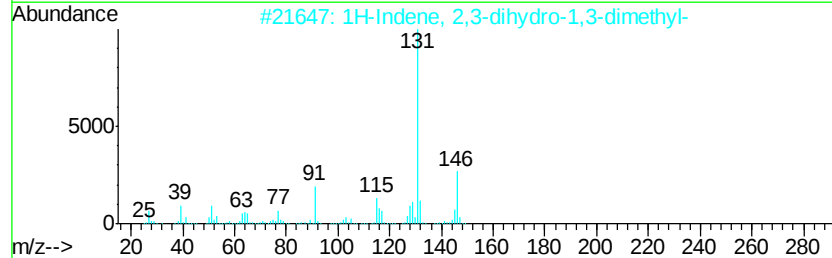
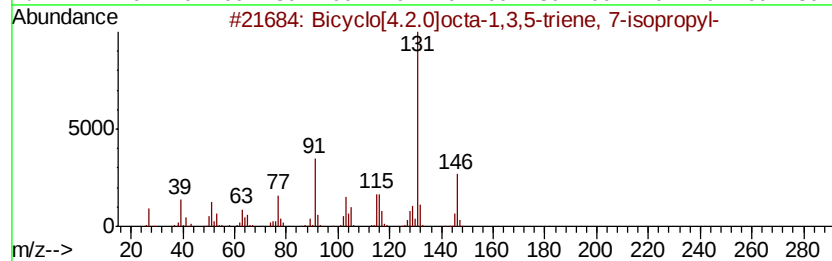
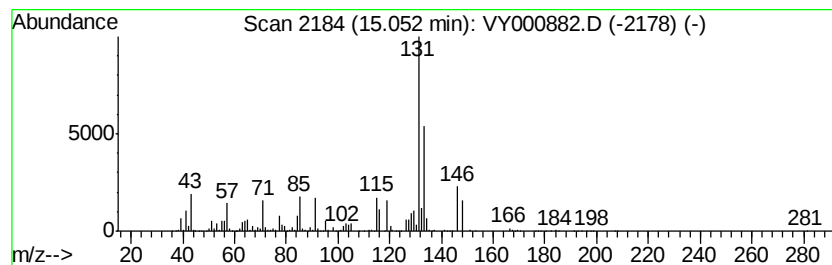
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Quant Title : SW846 8260

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

Peak Number 7 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	108.21 ug/l	6590490	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000882.D
Acq On : 05 Dec 2019 14:55
Operator : SY/MD
Sample : K6164-01
Misc : 6.78G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
BOX-2512

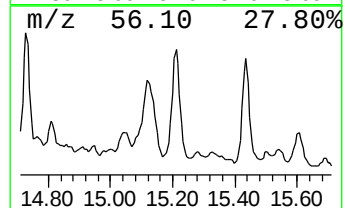
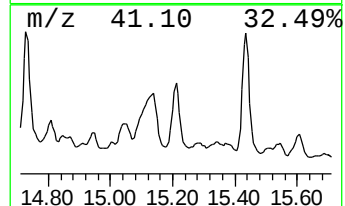
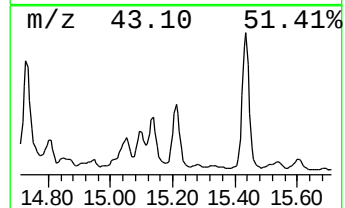
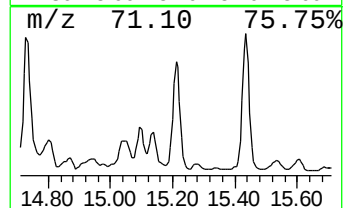
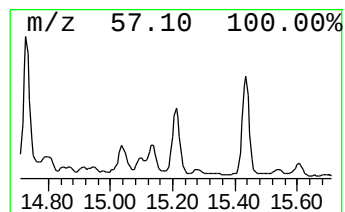
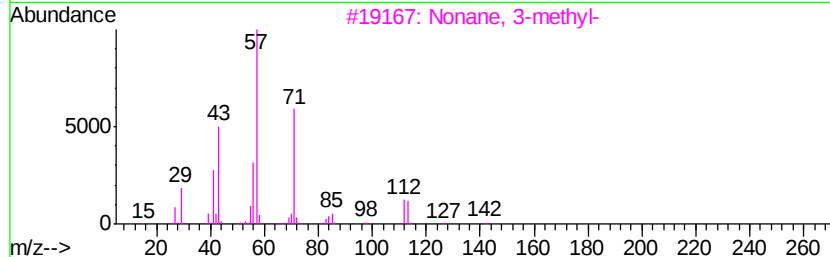
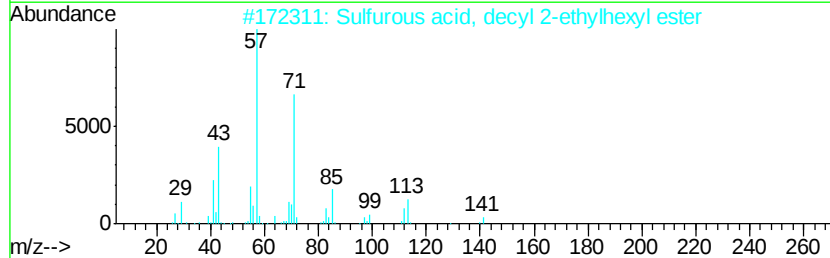
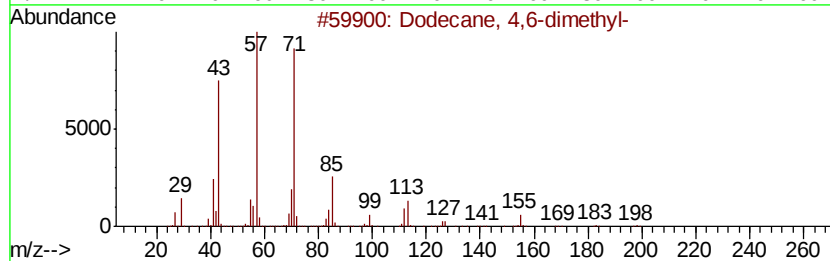
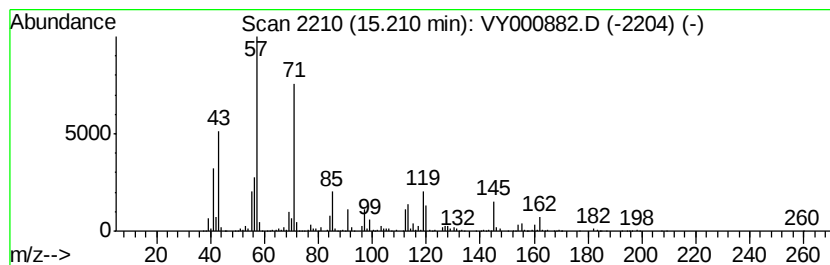
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	121.86 ug/l	7421650	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
5		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000882.D
Acq On : 05 Dec 2019 14:55
Operator : SY/MD
Sample : K6164-01
Misc : 6.78G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BOX-2512

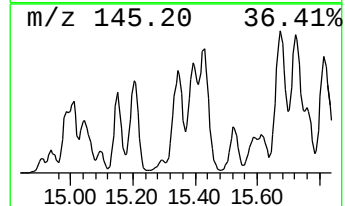
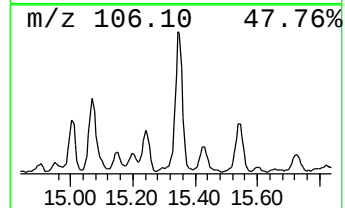
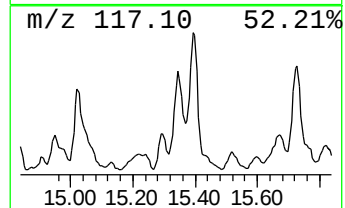
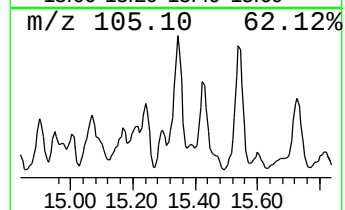
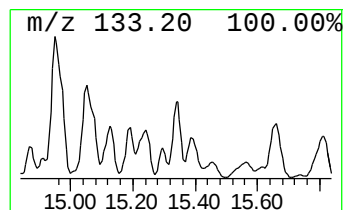
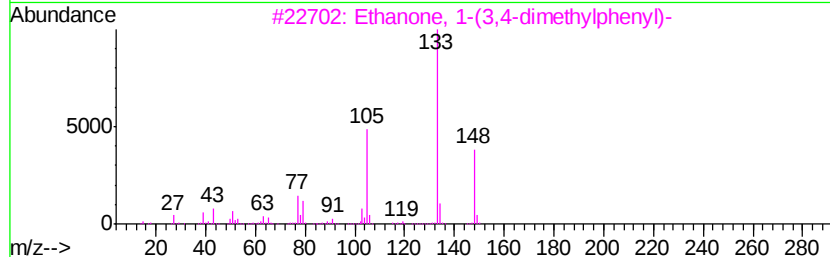
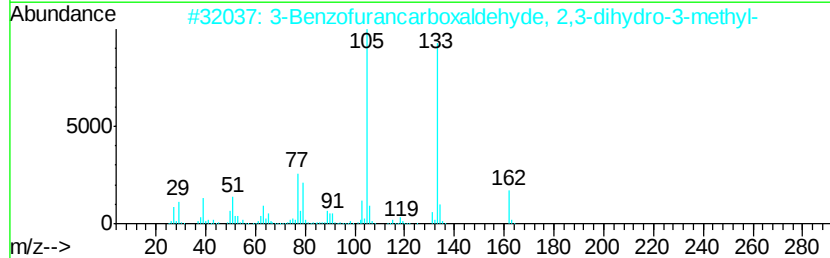
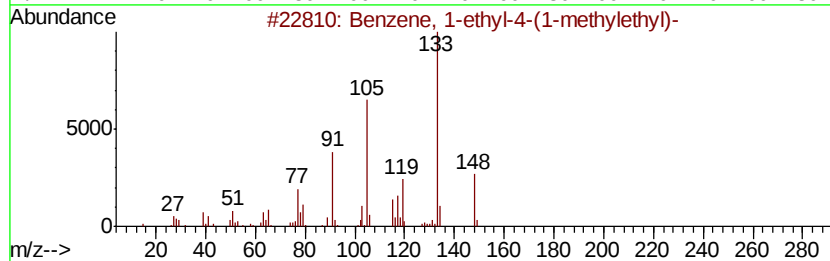
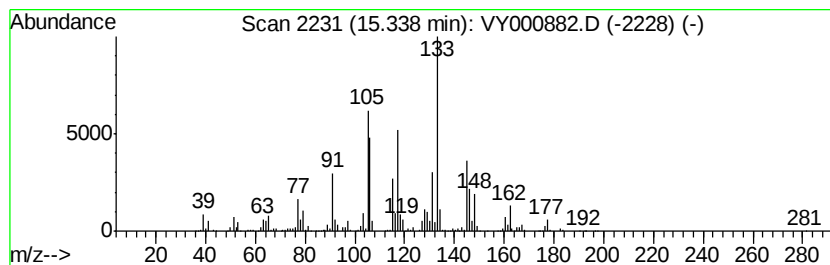
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.34 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	144.51 ug/l	8801120	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	42
2		3-Benzofurancarboxaldehyde, 2,3-dihydro-3-methyl-	162	C10H10O2	039891-60-6	38
3		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	30
4		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	30
5		Benzeneacetaldehyde, .alpha.,2,5-trimethyl-	162	C11H14O	052417-50-2	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000882.D
Acq On : 05 Dec 2019 14:55
Operator : SY/MD
Sample : K6164-01
Misc : 6.78G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

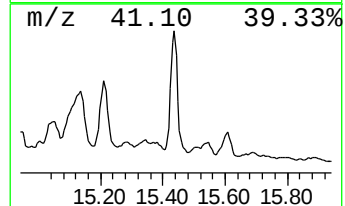
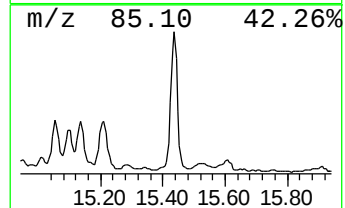
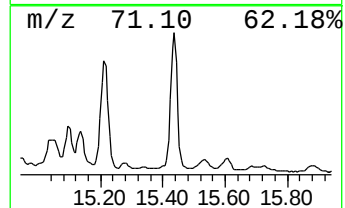
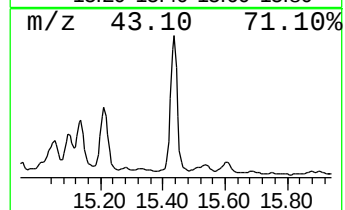
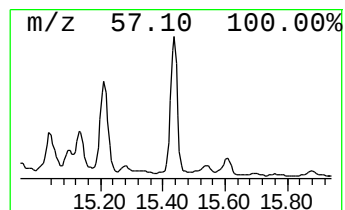
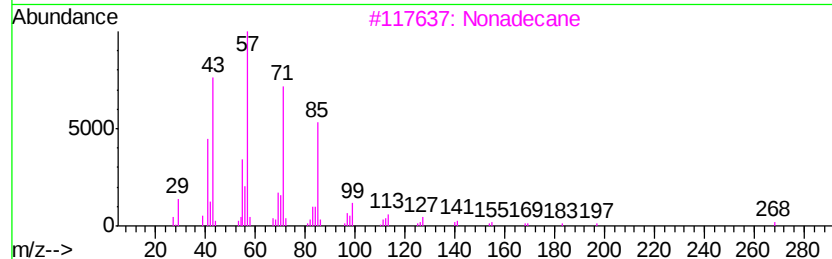
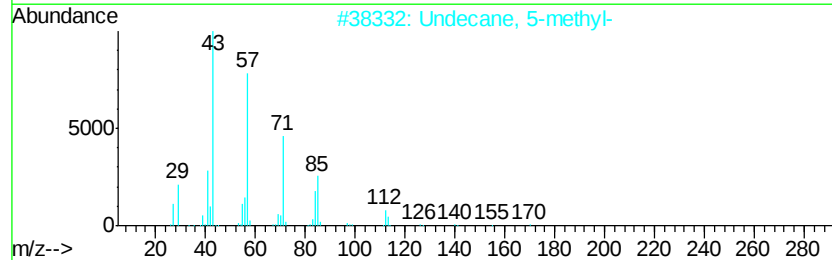
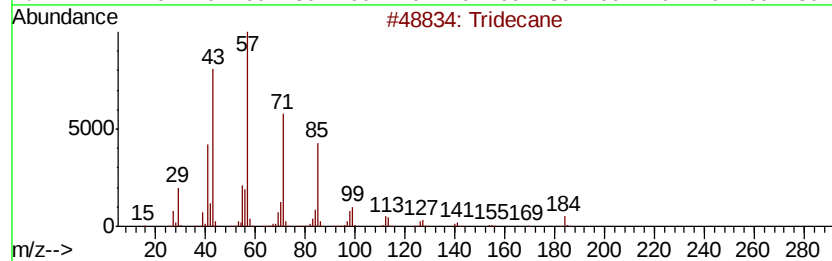
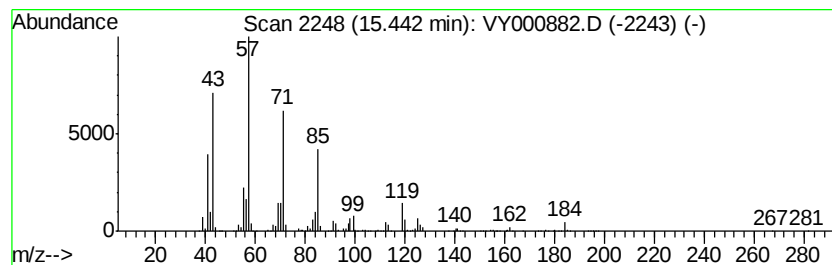
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	154.46 ug/l	9407140	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	96
2	Undecane, 5-methyl-	170 C12H26	001632-70-8	76
3	Nonadecane	268 C19H40	000629-92-5	72
4	Dodecane	170 C12H26	000112-40-3	72
5	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY120519\
Data File : VY000882.D
Acq On : 05 Dec 2019 14:55
Operator : SY/MD
Sample : K6164-01
Misc : 6.78G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BOX-2512

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.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
Decane	13.75	296.1	ug/l	18036600	4	13.42	3045230	50.0
2,6-Dimethyldecane	14.24	132.3	ug/l	8060540	4	13.42	3045230	50.0
Undecane, 2-methyl-	14.31	93.9	ug/l	5718260	4	13.42	3045230	50.0
Dodecane	14.61	355.4	ug/l	21645200	4	13.42	3045230	50.0
Benzene, 1-methyl...	14.68	169.2	ug/l	10302100	4	13.42	3045230	50.0
Undecane, 2,6-dim...	14.73	137.0	ug/l	8342230	4	13.42	3045230	50.0
Bicyclo[4.2.0]oct...	15.05	108.2	ug/l	6590490	4	13.42	3045230	50.0
Dodecane, 4,6-dim...	15.21	121.9	ug/l	7421650	4	13.42	3045230	50.0
unknown15.34	15.34	144.5	ug/l	8801120	4	13.42	3045230	50.0
Tridecane	15.44	154.5	ug/l	9407140	4	13.42	3045230	50.0