

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001285.D
 Acq On : 17 Jan 2020 22:44
 Operator : SY/MD
 Sample : L1012-01
 Misc : 6.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-011620

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	19	24	35	rVB	78537	110076	2.42%	0.173%
2	2.267	80	87	97	rVB	56343	90345	1.98%	0.142%
3	2.932	189	196	206	rBV2	23681	50979	1.12%	0.080%
4	4.761	485	496	513	rBV4	19084	85544	1.88%	0.134%
5	7.754	977	987	993	rBV	137231	335374	7.37%	0.526%
6	7.827	993	999	1009	rVB	251961	571646	12.55%	0.897%
7	8.181	1047	1057	1069	rBV2	157516	373679	8.21%	0.587%
8	8.724	1136	1146	1155	rBV	383139	767686	16.86%	1.205%
9	9.211	1214	1226	1232	rBV2	32442	69343	1.52%	0.109%
10	10.205	1381	1389	1395	rBV	615666	1079923	23.72%	1.695%
11	10.266	1395	1399	1406	rVB	96238	167849	3.69%	0.263%
12	11.113	1533	1538	1543	rVB	41329	69371	1.52%	0.109%
13	11.309	1560	1570	1580	rVB5	72699	213686	4.69%	0.335%
14	11.400	1580	1585	1589	rBV	52053	84475	1.86%	0.133%
15	11.510	1597	1603	1614	rBV	537805	890940	19.57%	1.398%
16	11.644	1622	1625	1629	rVB	38687	52266	1.15%	0.082%
17	11.729	1629	1639	1647	rBV4	232036	661931	14.54%	1.039%
18	11.796	1647	1650	1656	rVB3	64841	106898	2.35%	0.168%
19	11.949	1663	1675	1679	rVB4	45671	99221	2.18%	0.156%
20	12.022	1679	1687	1694	rBV5	213099	627753	13.79%	0.985%
21	12.138	1702	1706	1710	rVB	195350	278742	6.12%	0.438%
22	12.223	1715	1720	1722	rBV5	141600	247245	5.43%	0.388%
23	12.253	1722	1725	1731	rVB3	162472	325644	7.15%	0.511%
24	12.339	1736	1739	1741	rVV2	84469	130769	2.87%	0.205%
25	12.394	1742	1748	1751	rVV4	177054	477532	10.49%	0.750%
26	12.430	1751	1754	1756	rVV	270351	408035	8.96%	0.640%
27	12.455	1756	1758	1762	rVV	310609	423262	9.30%	0.664%
28	12.503	1762	1766	1769	rVV	456412	728511	16.00%	1.143%
29	12.540	1769	1772	1776	rVV	309611	442451	9.72%	0.694%
30	12.589	1776	1780	1784	rVV3	127101	241302	5.30%	0.379%
31	12.662	1788	1792	1799	rVB4	232408	472268	10.37%	0.741%
32	12.753	1799	1807	1810	rBV3	347026	734582	16.13%	1.153%
33	12.820	1810	1818	1824	rVV2	2071875	3830979	84.14%	6.013%
34	12.875	1824	1827	1832	rVB2	246106	390176	8.57%	0.612%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	12.991	1838	1846	1849	rBV3	240223	708273	15.56%	1.112%
36	13.022	1849	1851	1853	rVV2	213122	265423	5.83%	0.417%
37	13.058	1853	1857	1863	rVB	758365	1145719	25.16%	1.798%
38	13.137	1863	1870	1874	rBV2	463588	839619	18.44%	1.318%
39	13.186	1874	1878	1883	rBV	215168	340660	7.48%	0.535%
40	13.241	1883	1887	1889	rBV2	123547	168993	3.71%	0.265%
41	13.333	1895	1902	1906	rBV4	653448	1346940	29.58%	2.114%
42	13.381	1906	1910	1913	rVV2	551309	869705	19.10%	1.365%
43	13.418	1913	1916	1917	rVV	351918	453007	9.95%	0.711%
44	13.442	1917	1920	1929	rVB3	900176	1757730	38.60%	2.759%
45	13.522	1929	1933	1937	rBV2	465398	634717	13.94%	0.996%
46	13.637	1949	1952	1956	rVB2	491178	647388	14.22%	1.016%
47	13.680	1956	1959	1967	rVB2	595536	992041	21.79%	1.557%
48	13.771	1968	1974	1978	rBV	2977805	4553207	100.00%	7.147%
49	13.814	1978	1981	1982	rBV	157584	184587	4.05%	0.290%
50	13.839	1983	1985	1989	rVB	204453	260020	5.71%	0.408%
51	13.930	1996	2000	2005	rVB4	422514	639836	14.05%	1.004%
52	13.985	2005	2009	2014	rVB	591921	866106	19.02%	1.359%
53	14.034	2014	2017	2022	rVB2	352708	548227	12.04%	0.860%
54	14.095	2022	2027	2032	rBV2	810826	1253240	27.52%	1.967%
55	14.156	2032	2037	2043	rBV7	303205	663984	14.58%	1.042%
56	14.271	2043	2056	2063	rBV7	808375	3267205	71.76%	5.128%
57	14.332	2063	2066	2068	rBV	324496	459513	10.09%	0.721%
58	14.399	2073	2077	2080	rBV	662644	868730	19.08%	1.364%
59	14.436	2080	2083	2088	rVB2	487107	652054	14.32%	1.023%
60	14.497	2089	2093	2096	rBV3	180444	288885	6.34%	0.453%
61	14.540	2097	2100	2103	rVB	210400	246778	5.42%	0.387%
62	14.582	2103	2107	2110	rBV	281294	449514	9.87%	0.706%
63	14.625	2110	2114	2119	rVB	2055875	2870490	63.04%	4.505%
64	14.698	2120	2126	2131	rBV4	1305981	2842110	62.42%	4.461%
65	14.747	2131	2134	2141	rVB2	958409	1564940	34.37%	2.456%
66	14.851	2147	2151	2160	rVB	716590	1225198	26.91%	1.923%
67	14.960	2165	2169	2172	rVV3	351757	477169	10.48%	0.749%
68	14.997	2172	2175	2178	rVB	146917	165802	3.64%	0.260%
69	15.070	2181	2187	2192	rBV4	494880	1063459	23.36%	1.669%
70	15.149	2197	2200	2207	rVB4	483553	904594	19.87%	1.420%
71	15.229	2207	2213	2221	rBV2	677452	1378648	30.28%	2.164%

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72	15.308	2222	2226	2230	rVV	391453	632074	13.88%	0.992%
73	15.363	2231	2235	2241	rVV4	348363	909163	19.97%	1.427%
74	15.454	2245	2250	2257	rVB	1348067	2242721	49.26%	3.520%
75	15.546	2258	2265	2272	rBV6	383812	1113116	24.45%	1.747%
76	15.625	2272	2278	2283	rVB4	283527	575936	12.65%	0.904%
77	15.747	2294	2298	2305	rVB	554485	957007	21.02%	1.502%
78	15.905	2318	2324	2334	rBV5	249280	649714	14.27%	1.020%
79	16.052	2341	2348	2353	rBV4	397309	941478	20.68%	1.478%
80	16.173	2364	2368	2373	rBV2	184324	311131	6.83%	0.488%
81	16.247	2376	2380	2386	rVB3	239472	452268	9.93%	0.710%
82	16.308	2387	2390	2395	rVB3	115665	185777	4.08%	0.292%
83	16.381	2397	2402	2413	rVB	489324	890802	19.56%	1.398%
84	16.497	2416	2421	2427	rBV8	131652	345610	7.59%	0.542%

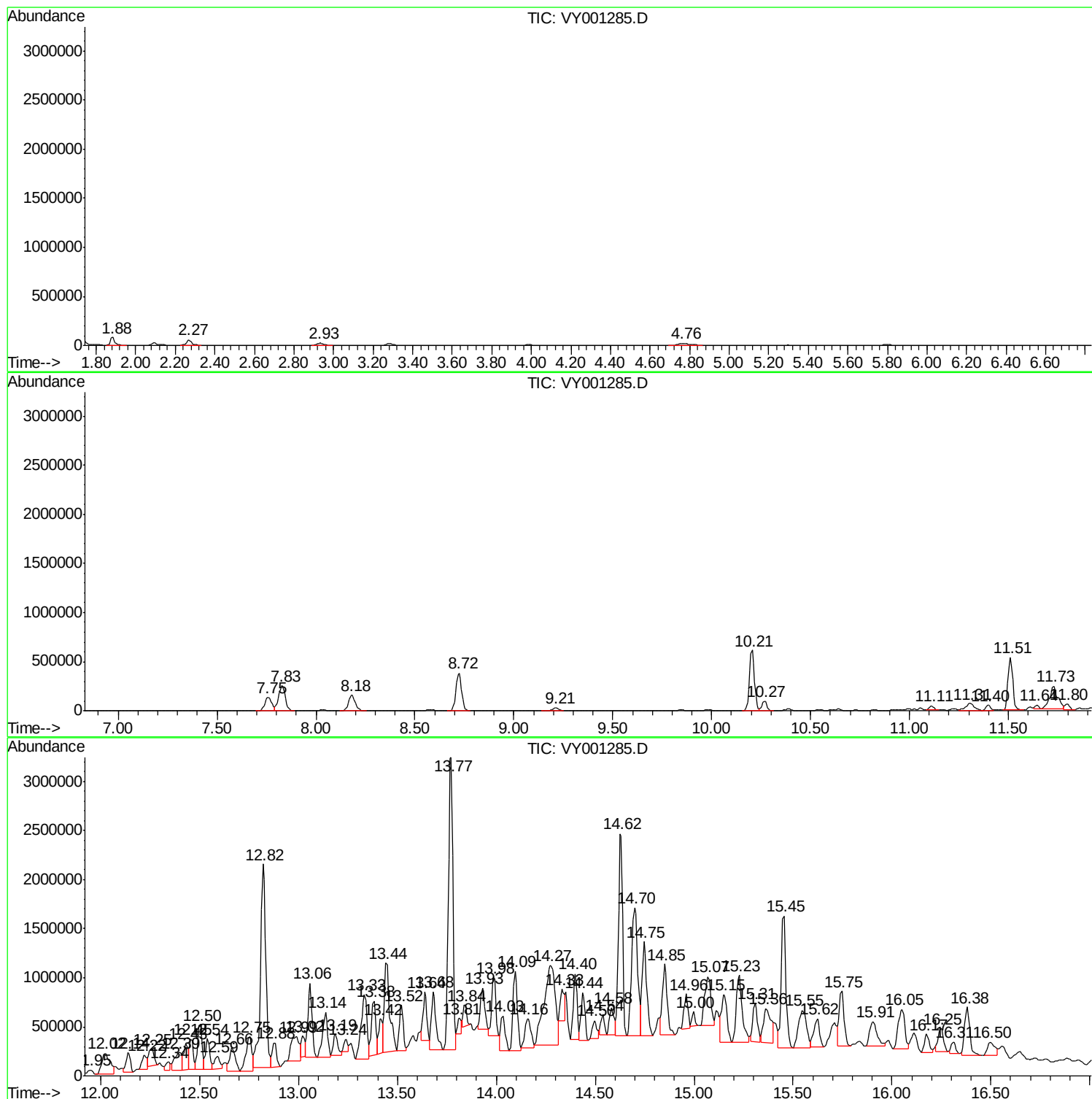
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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



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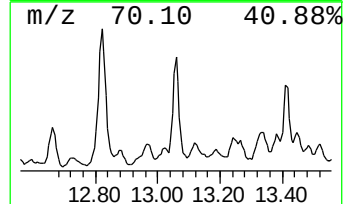
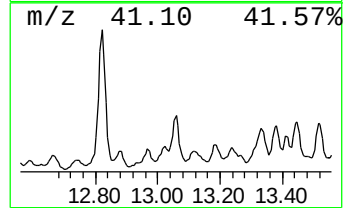
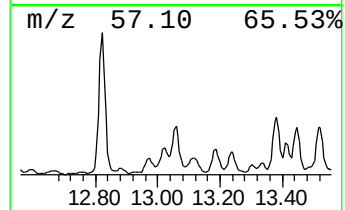
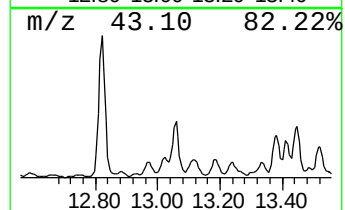
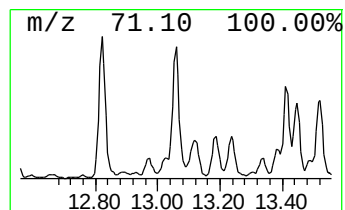
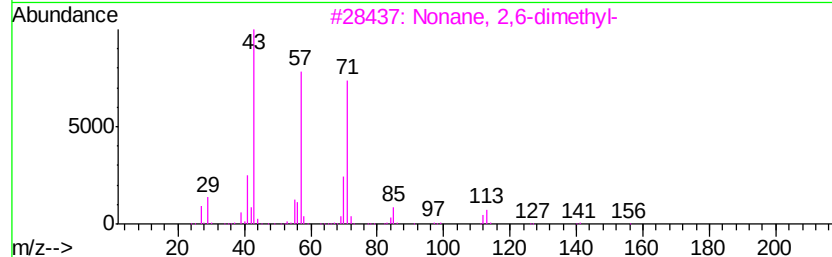
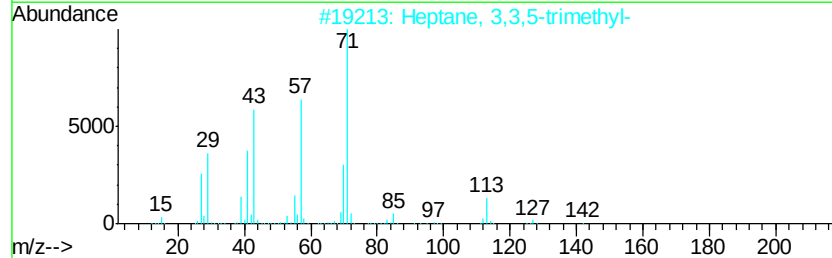
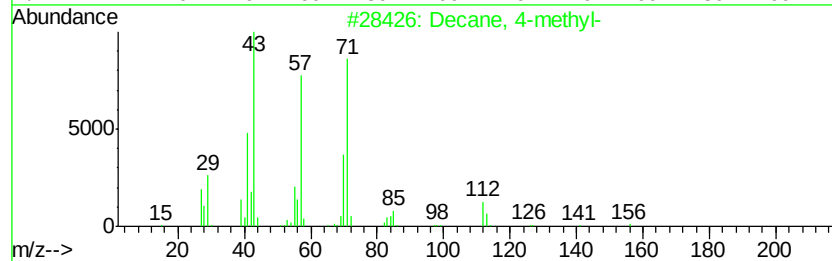
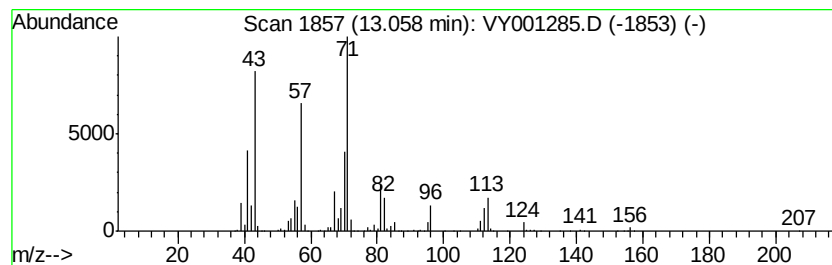
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	32.59 ug/l	1145720	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	52
4		n-Amyl ether	158	C10H22O	000693-65-2	50
5		Butanoic acid, 2-pentenyl ester,...	156	C9H16O2	042125-13-3	46



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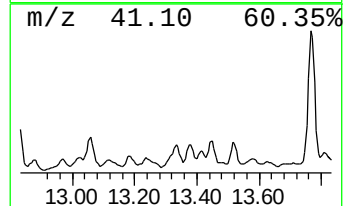
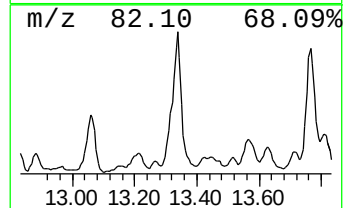
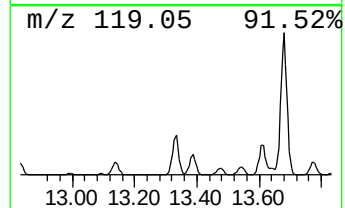
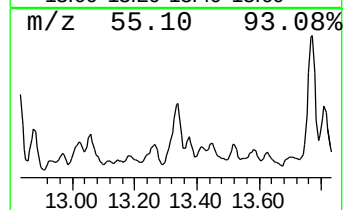
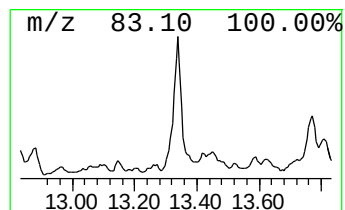
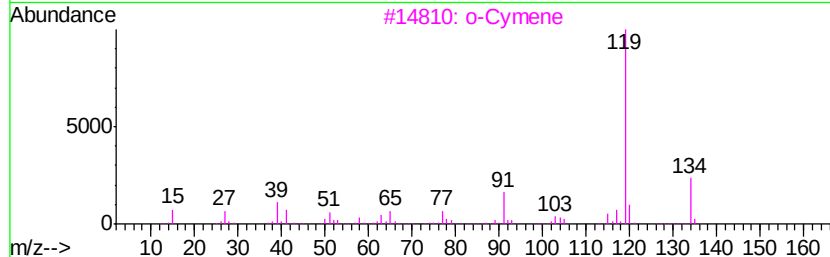
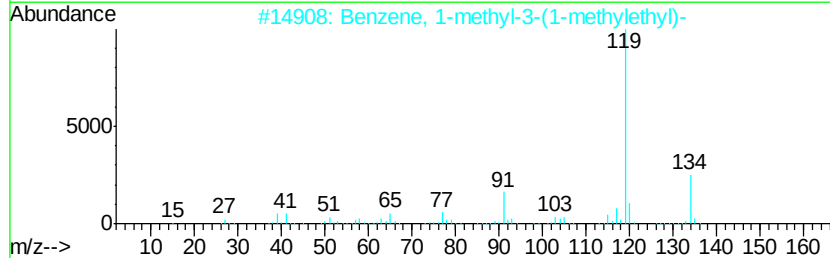
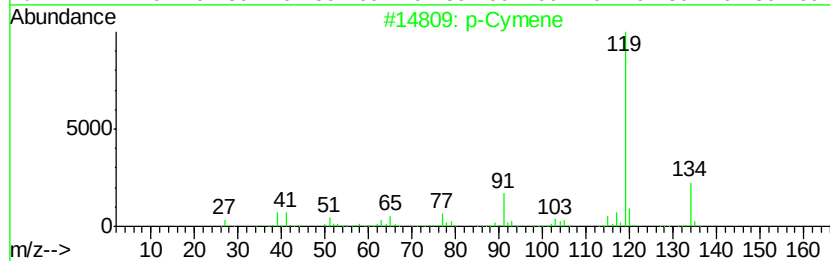
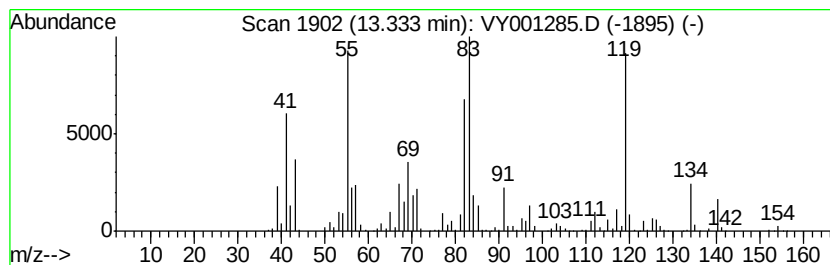
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	38.31 ug/l	1346940	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	86
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3		o-Cymene	134	C10H14	000527-84-4	80
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	41
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38



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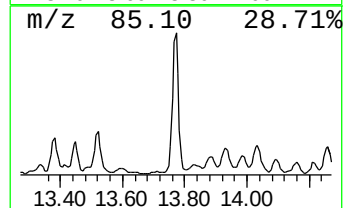
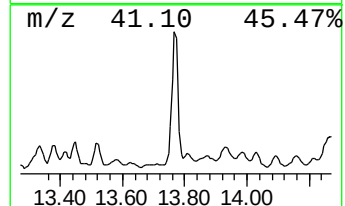
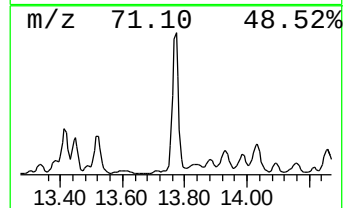
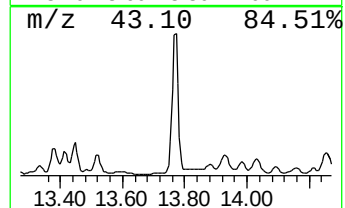
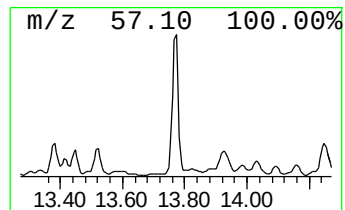
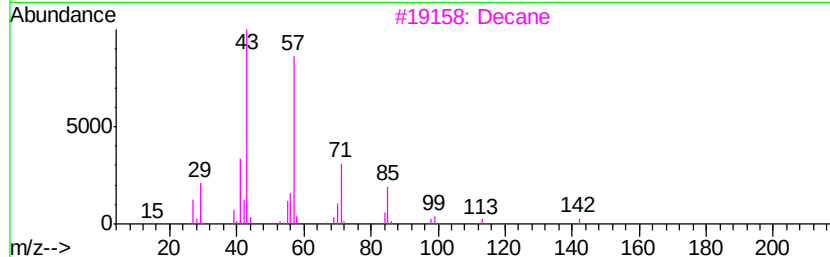
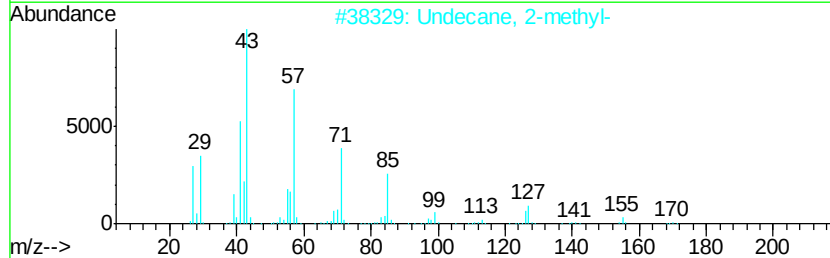
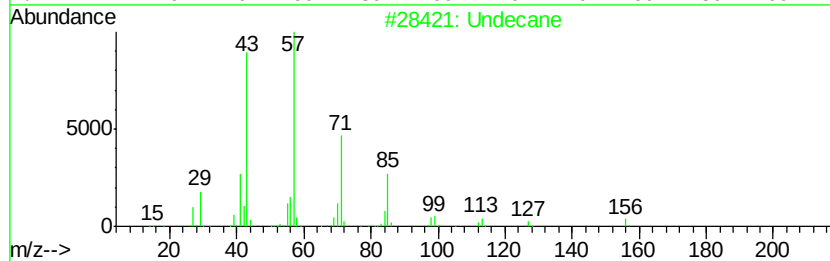
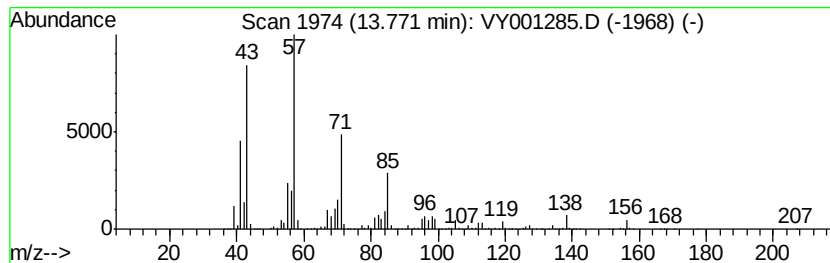
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	129.52 ug/l	4553210	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	94
2	Undecane, 2-methyl-	170 C12H26	007045-71-8	80
3	Decane	142 C10H22	000124-18-5	80
4	Tetradecane	198 C14H30	000629-59-4	80
5	Hexadecane	226 C16H34	000544-76-3	72



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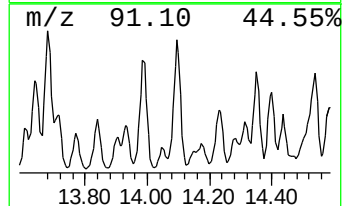
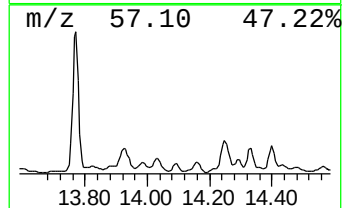
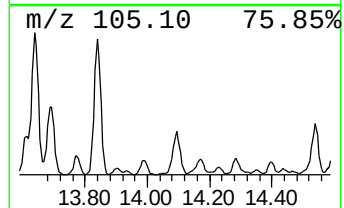
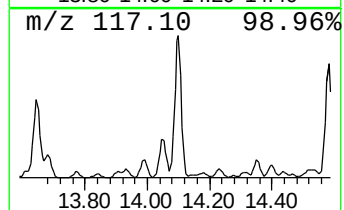
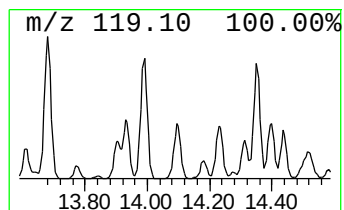
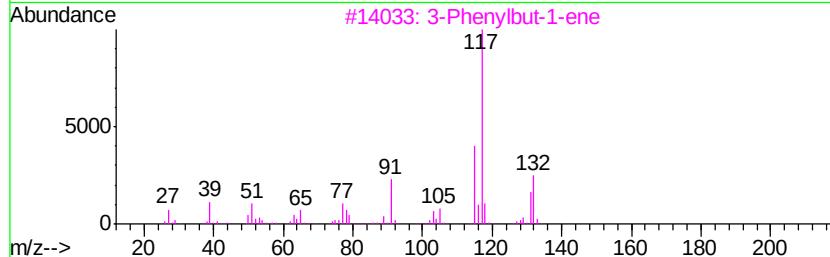
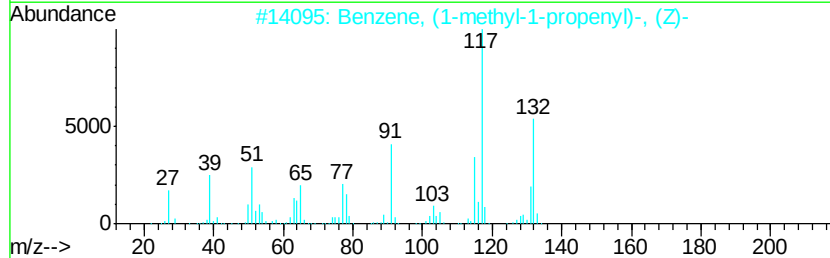
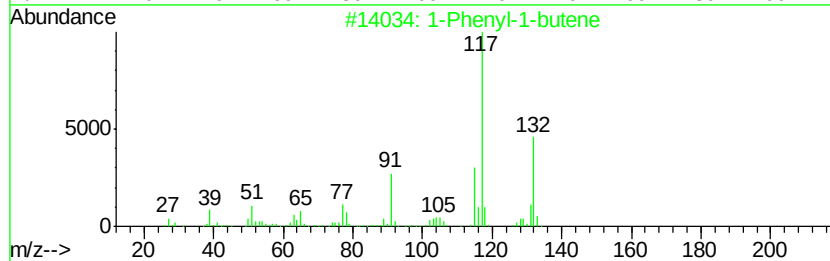
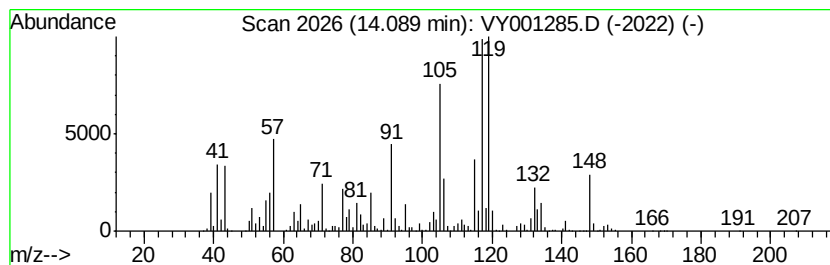
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Quant Title : SW846 8260

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

Peak Number 4 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	35.65 ug/l	1253240	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	50
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4		Indan, 1-methyl-	132	C10H12	000767-58-8	50
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001285.D
Acq On : 17 Jan 2020 22:44
Operator : SY/MD
Sample : L1012-01
Misc : 6.58G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

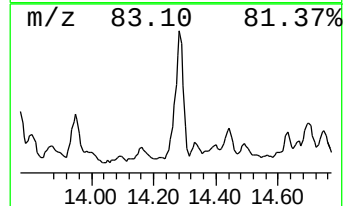
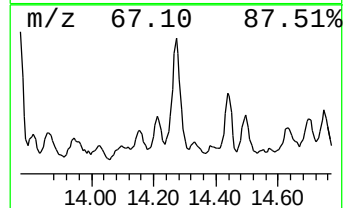
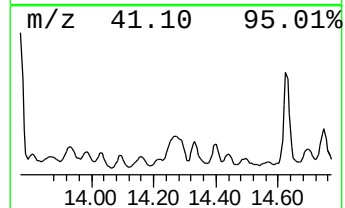
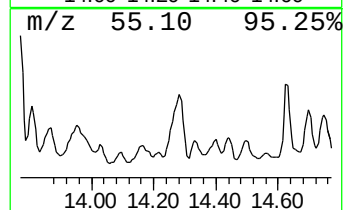
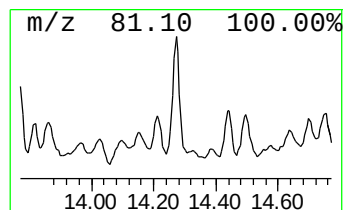
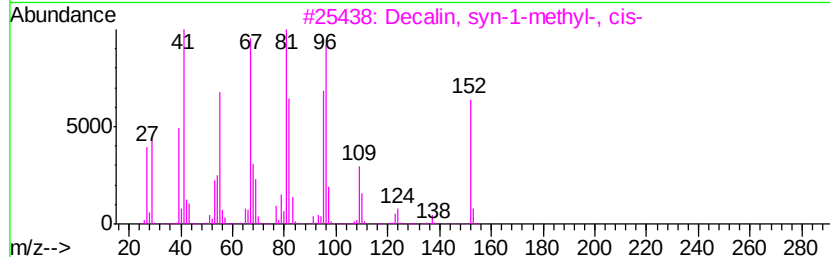
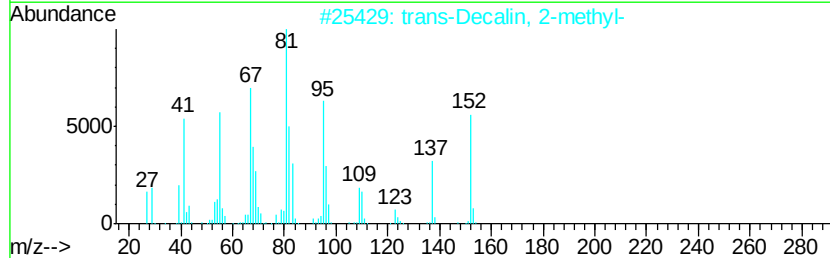
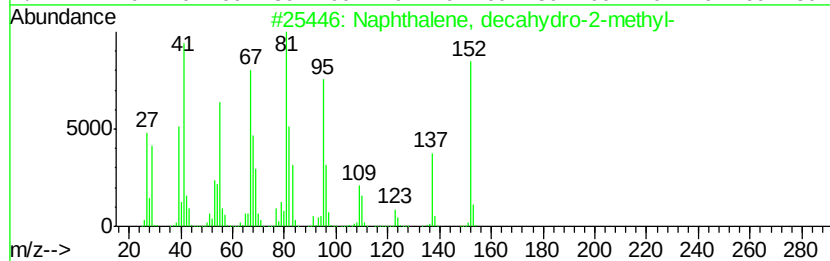
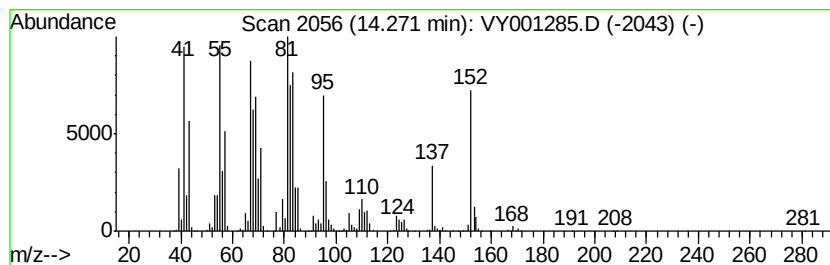
Instrument :
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ClientSampleId :
EO-02-011620

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 5 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	92.94 ug/l	3267210	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 86
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 70
3		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 64
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 55
5		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001285.D
Acq On : 17 Jan 2020 22:44
Operator : SY/MD
Sample : L1012-01
Misc : 6.58G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

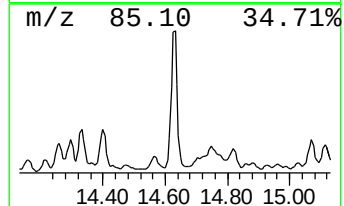
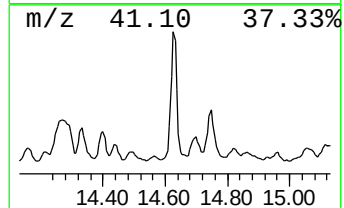
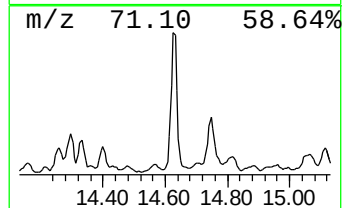
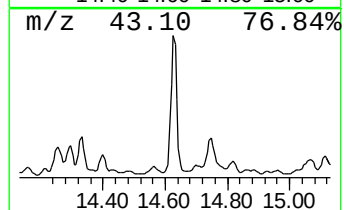
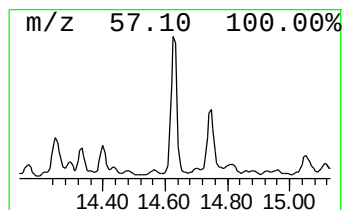
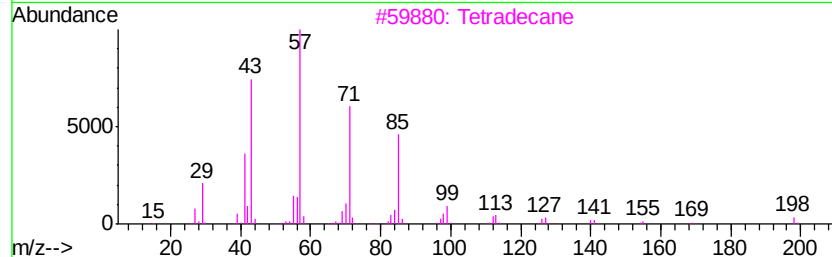
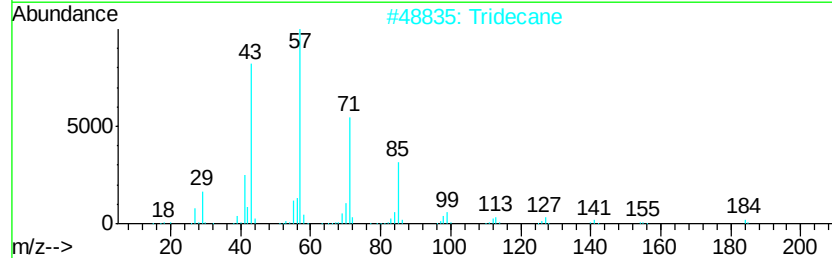
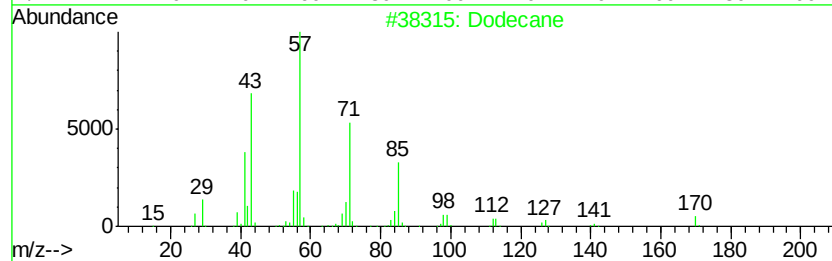
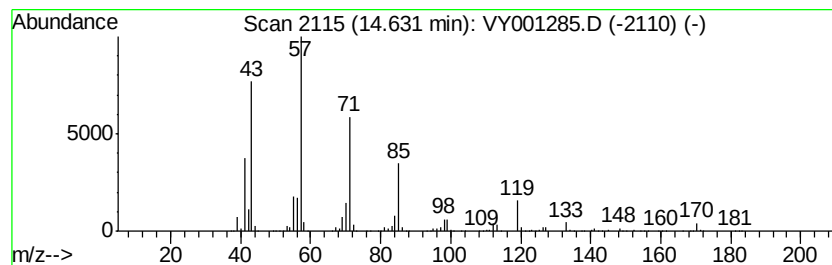
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ClientSampleId :
EO-02-011620

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 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.63	81.65 ug/l	2870490	1,4-Dichlorobenzene-d4		13.44	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	92
2	Tridecane		184	C13H28	000629-50-5	80
3	Tetradecane		198	C14H30	000629-59-4	80
4	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	76
5	Hexadecane		226	C16H34	000544-76-3	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001285.D
Acq On : 17 Jan 2020 22:44
Operator : SY/MD
Sample : L1012-01
Misc : 6.58G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-011620

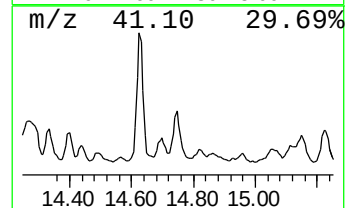
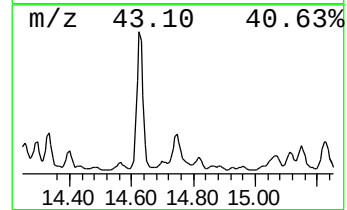
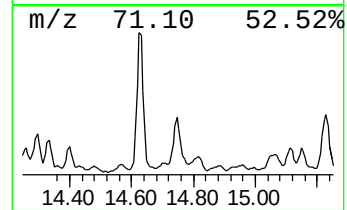
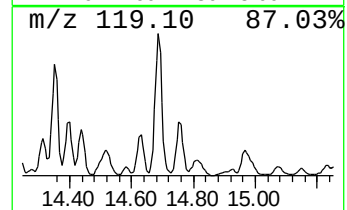
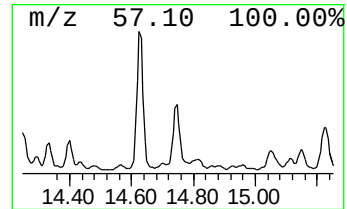
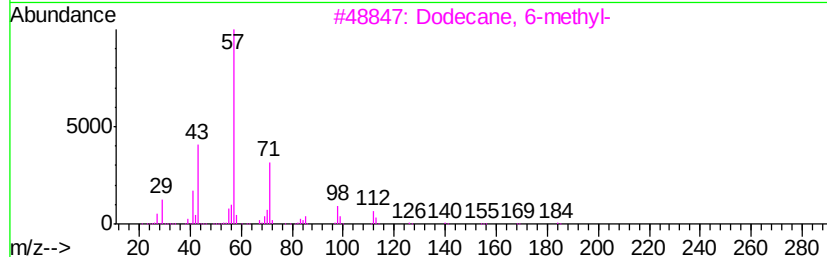
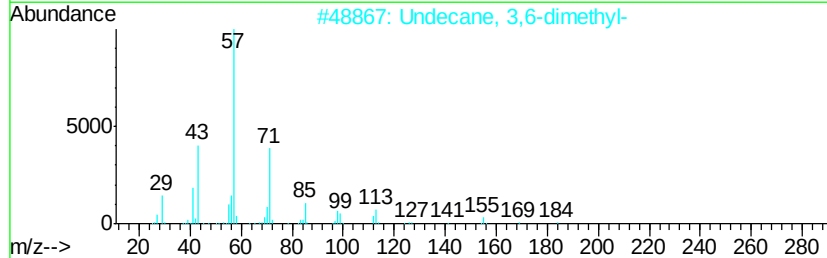
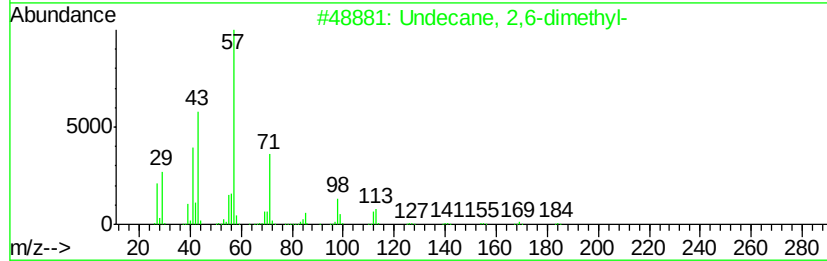
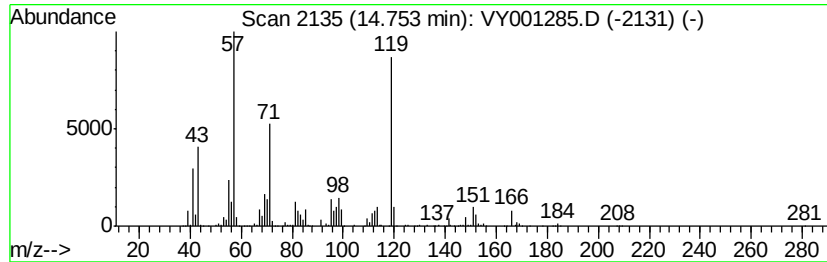
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	44.52 ug/l	1564940	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
4		Heptacosane	380	C27H56	000593-49-7	47
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001285.D
Acq On : 17 Jan 2020 22:44
Operator : SY/MD
Sample : L1012-01
Misc : 6.58G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-011620

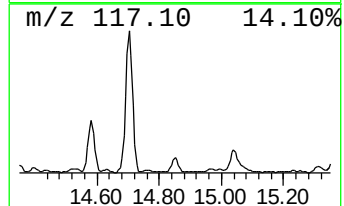
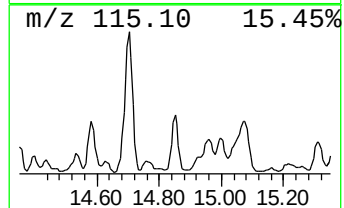
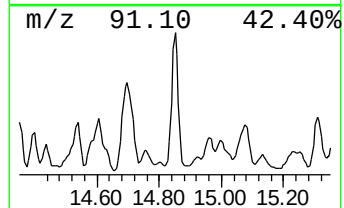
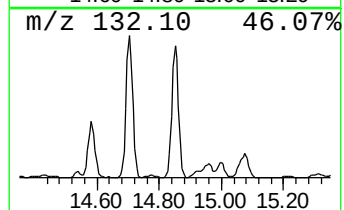
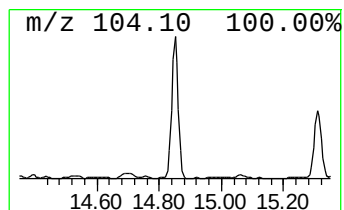
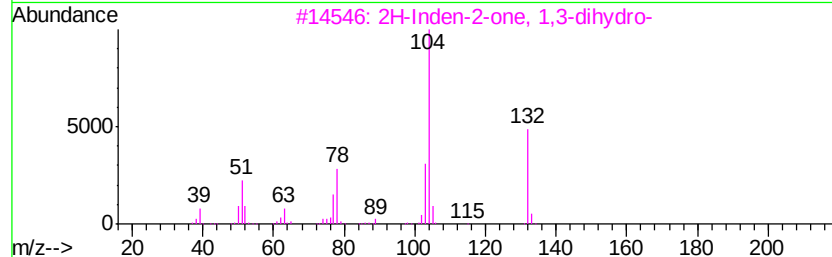
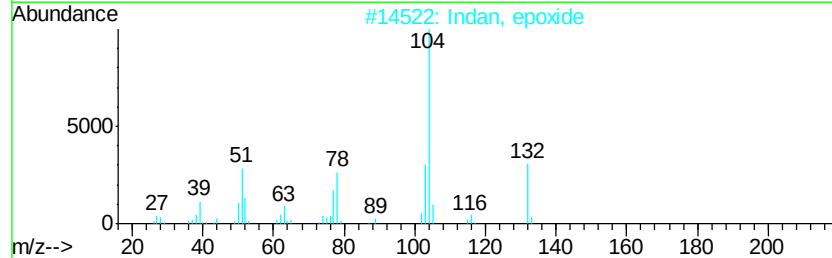
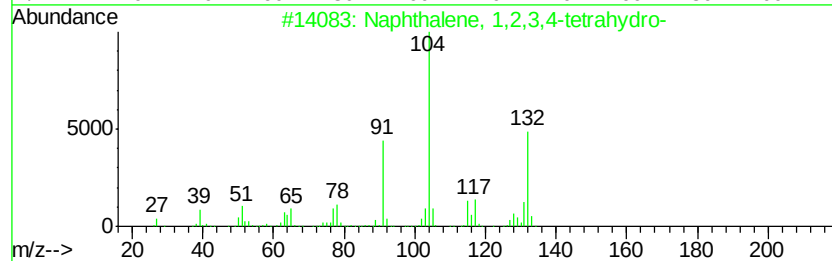
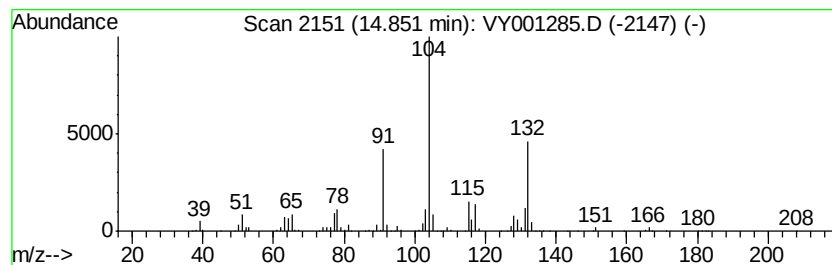
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	34.85 ug/l	1225200	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2		Indan, epoxide	132	C9H8O	000768-22-9	58
3		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
4		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001285.D
Acq On : 17 Jan 2020 22:44
Operator : SY/MD
Sample : L1012-01
Misc : 6.58G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-011620

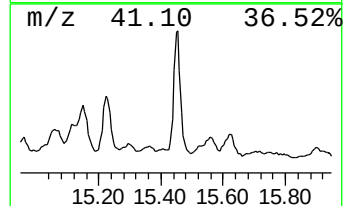
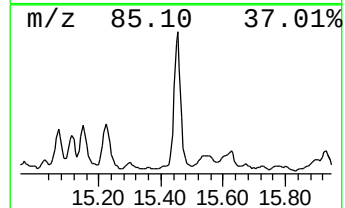
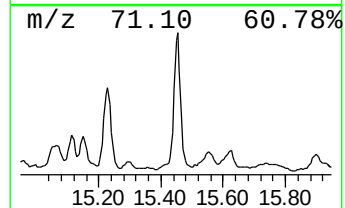
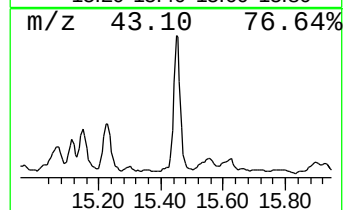
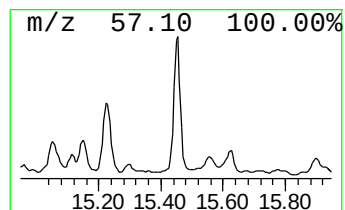
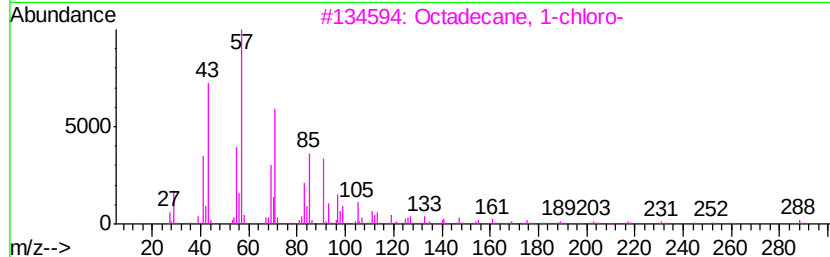
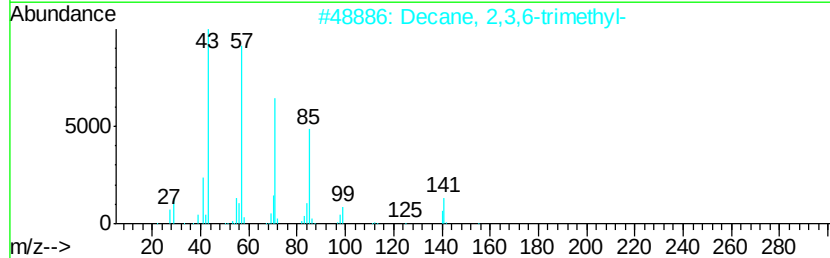
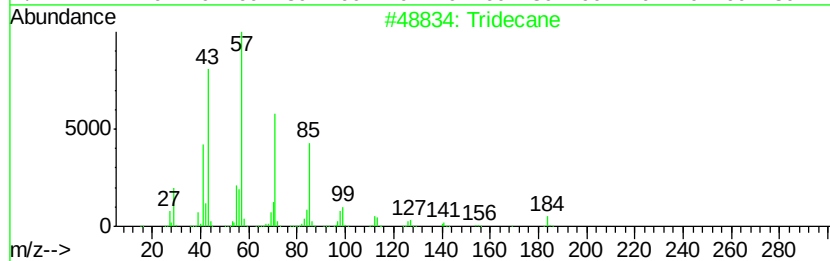
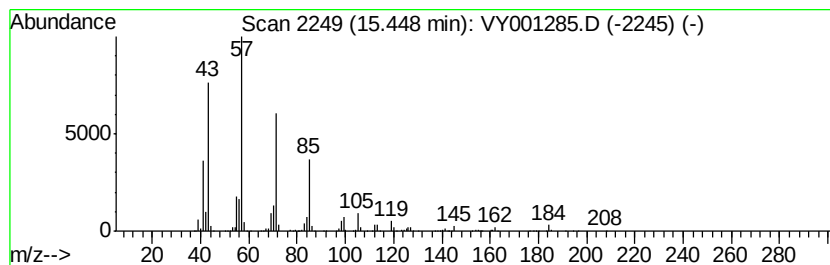
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	63.80 ug/l	2242720	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	86
3	Octadecane, 1-chloro-		288	C18H37Cl	003386-33-2	83
4	Hexadecane		226	C16H34	000544-76-3	80
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
Data File : VY001285.D
Acq On : 17 Jan 2020 22:44
Operator : SY/MD
Sample : L1012-01
Misc : 6.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-011620

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
Decane, 4-methyl-	13.06	32.6	ug/l	1145720	4	13.44	1757730	50.0
p-Cymene	13.33	38.3	ug/l	1346940	4	13.44	1757730	50.0
Undecane	13.77	129.5	ug/l	4553210	4	13.44	1757730	50.0
1-Phenyl-1-butene	14.09	35.6	ug/l	1253240	4	13.44	1757730	50.0
Naphthalene, deca...	14.27	92.9	ug/l	3267210	4	13.44	1757730	50.0
Dodecane	14.63	81.7	ug/l	2870490	4	13.44	1757730	50.0
Undecane, 2,6-dim...	14.75	44.5	ug/l	1564940	4	13.44	1757730	50.0
Naphthalene, 1,2,...	14.85	34.9	ug/l	1225200	4	13.44	1757730	50.0
Tridecane	15.45	63.8	ug/l	2242720	4	13.44	1757730	50.0