

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001125.D
 Acq On : 30 Dec 2019 15:02
 Operator : SY/MD
 Sample : K6462-05
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K500-5

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\82Y122319S.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	9.187	1208	1222	1228	rBV2	385034	859559	2.31%	0.172%
2	9.821	1320	1326	1330	rBV	447397	823544	2.21%	0.165%
3	9.961	1338	1349	1361	rBV	495074	1120221	3.00%	0.224%
4	10.175	1377	1384	1389	rBV2	1063288	2047085	5.49%	0.409%
5	10.217	1389	1391	1400	rVB2	323683	487909	1.31%	0.097%
6	10.303	1400	1405	1408	rBV	259918	431541	1.16%	0.086%
7	10.370	1408	1416	1423	rVB2	1720584	3186666	8.55%	0.637%
8	10.522	1436	1441	1448	rVB	583186	1025423	2.75%	0.205%
9	10.614	1448	1456	1462	rBV2	769592	1551040	4.16%	0.310%
10	10.711	1467	1472	1477	rVB	450631	715519	1.92%	0.143%
11	10.803	1481	1487	1492	rBV	676851	1070353	2.87%	0.214%
12	10.906	1498	1504	1510	rVV	726493	1562020	4.19%	0.312%
13	10.967	1510	1514	1517	rVV2	575762	992921	2.66%	0.198%
14	11.004	1517	1520	1522	rVV	657366	1043176	2.80%	0.208%
15	11.034	1522	1525	1529	rVV	1416572	2207787	5.92%	0.441%
16	11.089	1529	1534	1540	rVV2	1413063	2813544	7.55%	0.562%
17	11.144	1540	1543	1547	rVV	311882	447906	1.20%	0.089%
18	11.205	1547	1553	1556	rVV3	814232	1571581	4.21%	0.314%
19	11.278	1556	1565	1576	rVB5	4029506	10074946	27.02%	2.013%
20	11.382	1576	1582	1587	rBV	3448238	5614444	15.06%	1.122%
21	11.589	1610	1616	1619	rVV2	1108996	1922645	5.16%	0.384%
22	11.626	1619	1622	1625	rVV	874166	1315533	3.53%	0.263%
23	11.705	1625	1635	1644	rVV3	14909588	37289357	100.00%	7.450%
24	11.778	1644	1647	1652	rVB2	1585901	2505758	6.72%	0.501%
25	11.839	1652	1657	1660	rBV3	298286	519345	1.39%	0.104%
26	11.931	1667	1672	1676	rVB2	731739	1211770	3.25%	0.242%
27	12.028	1676	1688	1696	rBV2	8606632	20232336	54.26%	4.042%
28	12.120	1699	1703	1707	rVB	2291961	3215655	8.62%	0.642%
29	12.199	1712	1716	1719	rBV2	1682843	2771581	7.43%	0.554%
30	12.242	1719	1723	1728	rVB3	2127727	3972678	10.65%	0.794%
31	12.327	1733	1737	1738	rVV3	804994	1178887	3.16%	0.236%
32	12.388	1739	1747	1748	rVV5	1915048	4842569	12.99%	0.968%
33	12.412	1748	1751	1753	rVV	3471950	5220895	14.00%	1.043%
34	12.443	1753	1756	1760	rVB	3535487	4738902	12.71%	0.947%

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35	12.491	1760	1764	1765	rBV4	570922	696218	1.87%	0.139%
36	12.522	1765	1769	1774	rVV	3499844	5331272	14.30%	1.065%
37	12.571	1774	1777	1781	rVV3	509498	757654	2.03%	0.151%
38	12.644	1785	1789	1797	rVB3	1460325	3700510	9.92%	0.739%
39	12.735	1797	1804	1807	rBV	13148261	22101540	59.27%	4.416%
40	12.766	1807	1809	1812	rVV	5666039	8538598	22.90%	1.706%
41	12.808	1812	1816	1821	rVV2	18209781	30536242	81.89%	6.101%
42	12.857	1821	1824	1830	rVB2	1811833	2886010	7.74%	0.577%
43	12.973	1830	1843	1847	rBV	6013961	13417819	35.98%	2.681%
44	13.040	1850	1854	1860	rVB	4324667	6721493	18.03%	1.343%
45	13.119	1860	1867	1872	rBV	19378333	32408875	86.91%	6.475%
46	13.168	1872	1875	1880	rVV	1170129	1734430	4.65%	0.347%
47	13.223	1880	1884	1886	rVV3	1107049	1710752	4.59%	0.342%
48	13.247	1886	1888	1892	rVB2	1618260	1999451	5.36%	0.399%
49	13.314	1892	1899	1903	rBV4	4595010	8800447	23.60%	1.758%
50	13.363	1903	1907	1910	rVV2	3470866	5098943	13.67%	1.019%
51	13.400	1910	1913	1915	rVV	2052789	2696052	7.23%	0.539%
52	13.455	1915	1922	1927	rVV2	6712815	13857482	37.16%	2.769%
53	13.503	1927	1930	1934	rVB	2903846	3487560	9.35%	0.697%
54	13.625	1945	1950	1953	rVB2	7473931	10189982	27.33%	2.036%
55	13.662	1953	1956	1965	rVB3	7165371	13971343	37.47%	2.791%
56	13.753	1965	1971	1975	rBV2	14373338	22599185	60.60%	4.515%
57	13.820	1975	1982	1987	rBV2	2106673	3794292	10.18%	0.758%
58	13.888	1989	1993	1995	rBV	3174386	4785089	12.83%	0.956%
59	13.912	1995	1997	2002	rVB2	4448537	5949451	15.95%	1.189%
60	13.973	2002	2007	2011	rVB	6479887	9445296	25.33%	1.887%
61	14.022	2011	2015	2020	rVB2	1634816	2950461	7.91%	0.590%
62	14.083	2020	2025	2030	rVB	6493222	10373955	27.82%	2.073%
63	14.150	2030	2036	2041	rBV6	1543664	3796904	10.18%	0.759%
64	14.211	2041	2046	2049	rBV3	1828751	4066625	10.91%	0.813%
65	14.253	2049	2053	2057	rBV4	2766763	5164881	13.85%	1.032%
66	14.333	2063	2066	2070	rVB	4848973	7039022	18.88%	1.406%
67	14.381	2070	2074	2077	rVV	3607469	4762753	12.77%	0.952%
68	14.418	2077	2080	2085	rVB2	3183745	4476267	12.00%	0.894%
69	14.479	2086	2090	2093	rVV4	1279651	1943620	5.21%	0.388%
70	14.522	2093	2097	2100	rVV	2382868	3413538	9.15%	0.682%
71	14.564	2100	2104	2108	rVV	3854349	7040689	18.88%	1.407%

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72	14.613	2108	2112	2117	rVB	7715264	11141823	29.88%	2.226%
73	14.680	2117	2123	2128	rBV4	7173738	15291184	41.01%	3.055%
74	14.729	2128	2131	2138	rVB3	2916920	5413080	14.52%	1.082%
75	14.833	2143	2148	2153	rVV	4927599	8058708	21.61%	1.610%
76	14.906	2157	2160	2161	rVV2	716972	797460	2.14%	0.159%
77	14.942	2161	2166	2170	rVV3	2584468	4848642	13.00%	0.969%
78	14.979	2170	2172	2177	rVV	986113	1199203	3.22%	0.240%
79	15.052	2178	2184	2190	rVB2	2033735	4135275	11.09%	0.826%
80	15.210	2204	2210	2213	rBV2	1047731	2163777	5.80%	0.432%
81	15.290	2219	2223	2227	rVB	1608160	2298537	6.16%	0.459%
82	15.345	2227	2232	2242	rVV5	1196286	3665571	9.83%	0.732%
83	15.430	2242	2246	2254	rVB3	1755176	3017470	8.09%	0.603%
84	15.521	2255	2261	2269	rBV3	889222	2044240	5.48%	0.408%
85	15.601	2269	2274	2279	rVB3	414262	742874	1.99%	0.148%
86	15.686	2280	2288	2289	rBV4	517305	1031185	2.77%	0.206%
87	15.723	2290	2294	2302	rVB	2124750	3872944	10.39%	0.774%
88	15.814	2304	2309	2314	rVB5	232122	438885	1.18%	0.088%
89	15.881	2315	2320	2337	rVB4	502126	1563079	4.19%	0.312%
90	16.027	2337	2344	2350	rBV	941176	1965641	5.27%	0.393%
91	16.223	2370	2376	2382	rVV2	780853	1493925	4.01%	0.298%
92	16.290	2382	2387	2394	rVB2	605007	1100366	2.95%	0.220%
93	16.485	2412	2419	2425	rBV3	358319	935071	2.51%	0.187%
94	16.625	2436	2442	2452	rVB5	166046	447804	1.20%	0.089%

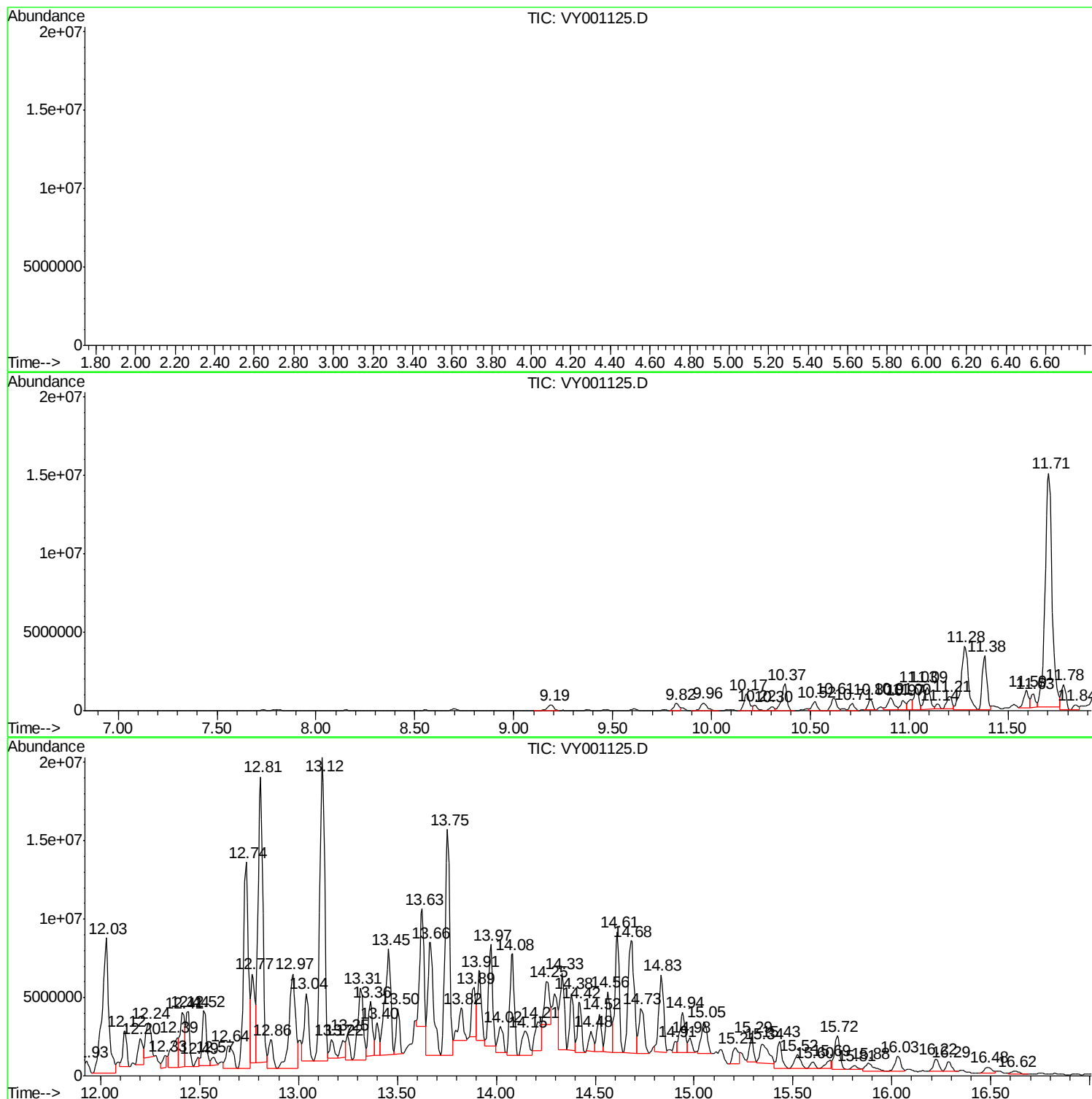
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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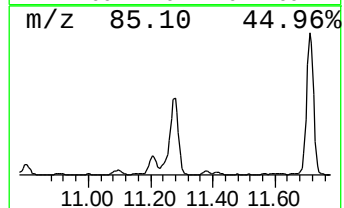
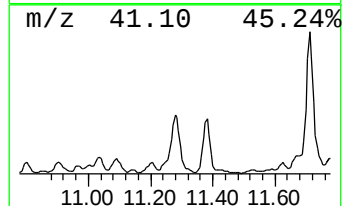
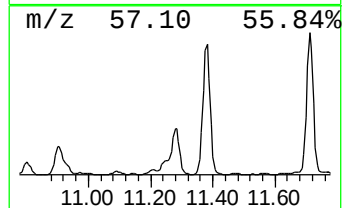
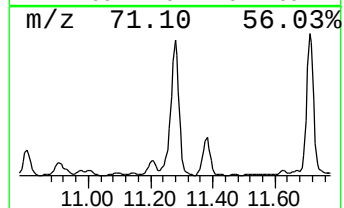
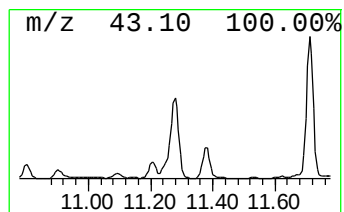
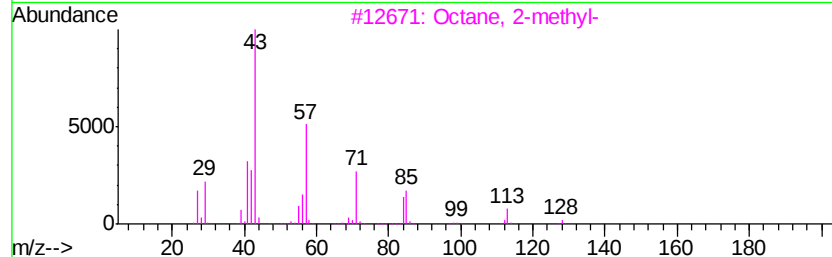
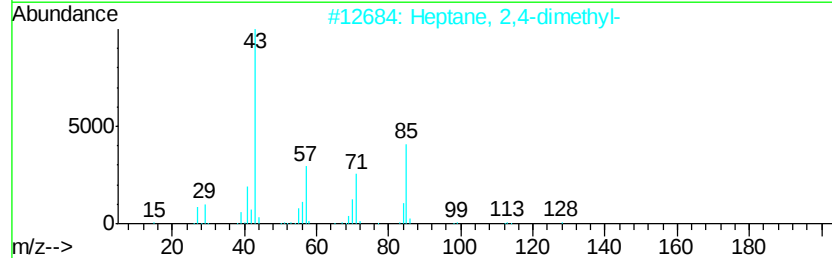
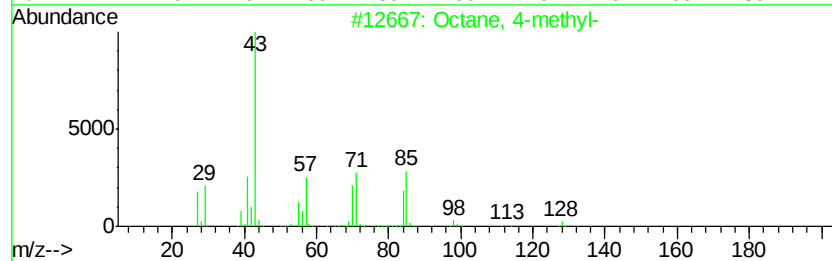
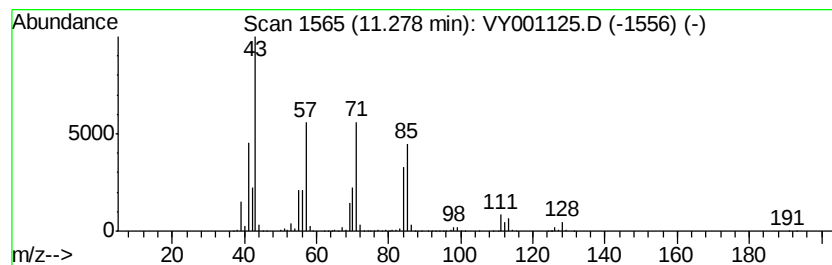
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	262.01 ug/l	10074900	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	64
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3		Octane, 2-methyl-	128	C9H20	003221-61-2	49
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47



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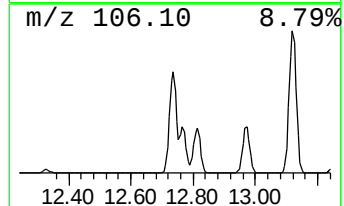
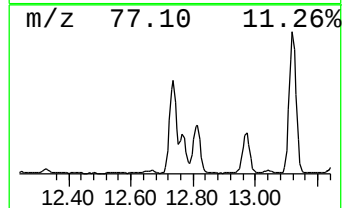
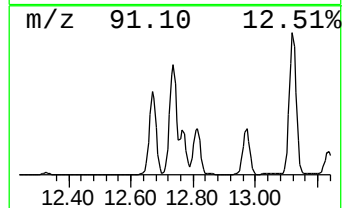
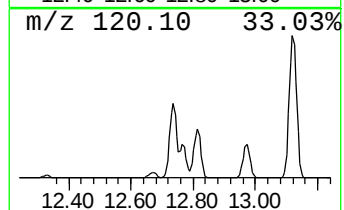
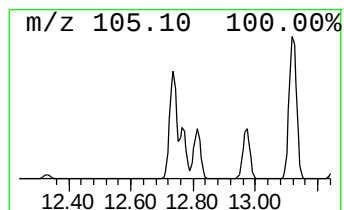
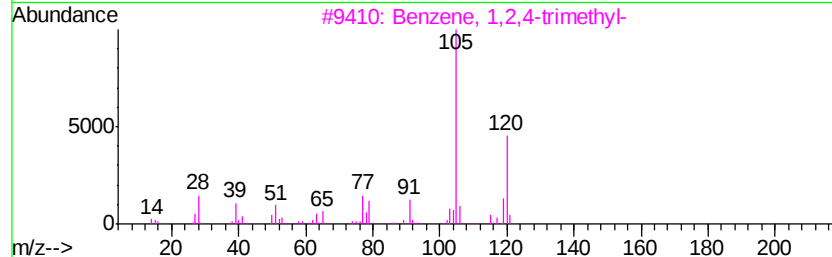
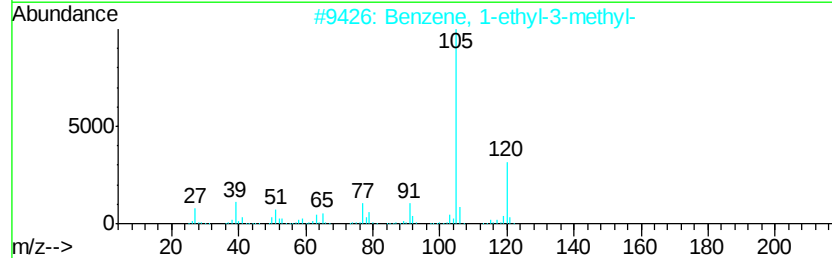
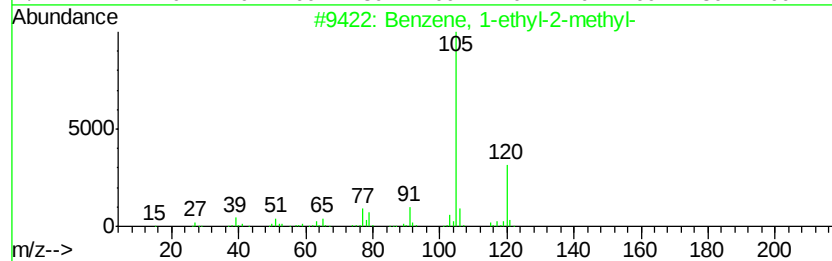
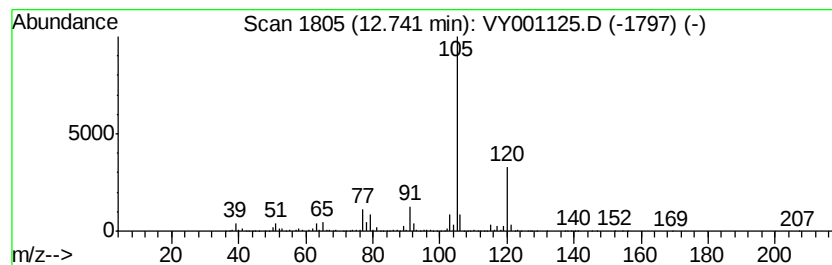
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	409.89 ug/l	22101500	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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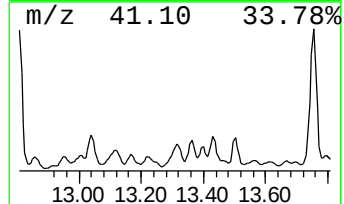
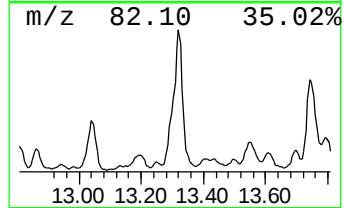
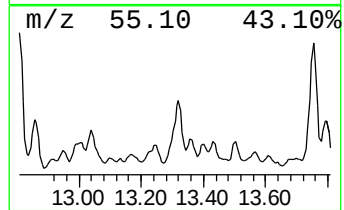
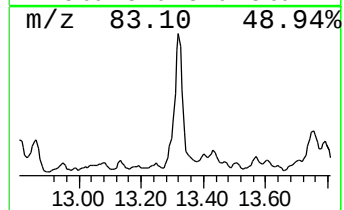
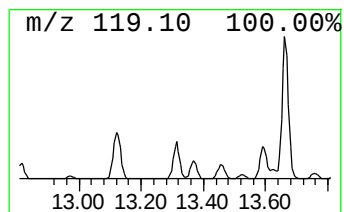
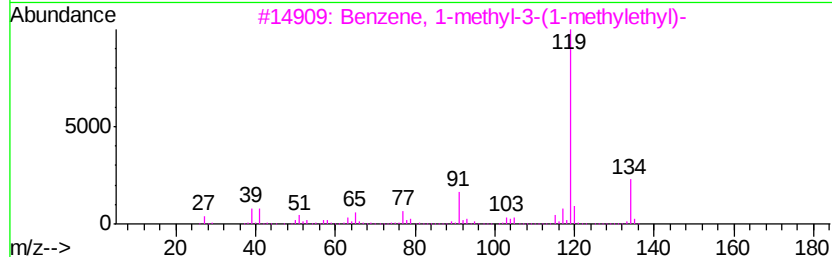
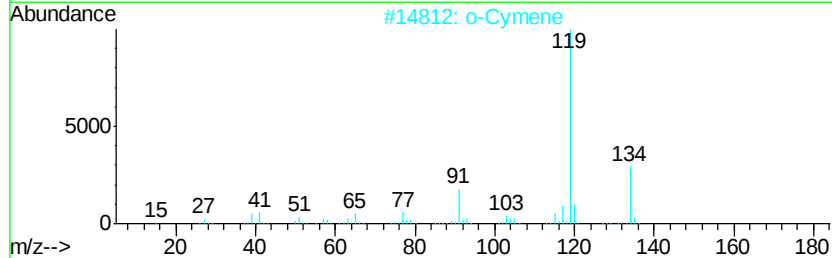
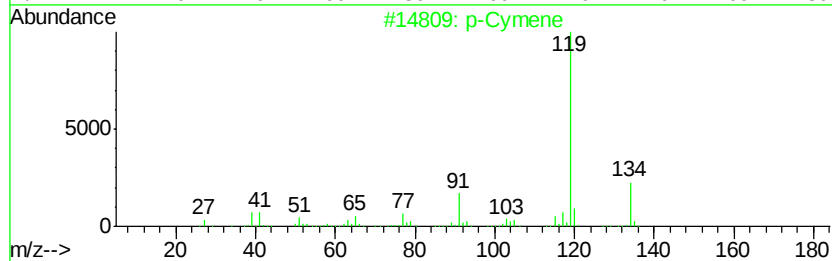
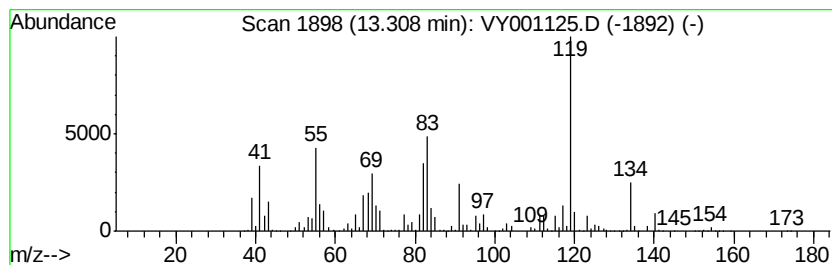
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Peak Number 4 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	163.21 ug/l	8800450	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	90
2		o-Cymene	134	C10H14	000527-84-4	89
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	86
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
Data File : VY001125.D
Acq On : 30 Dec 2019 15:02
Operator : SY/MD
Sample : K6462-05
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K500-5

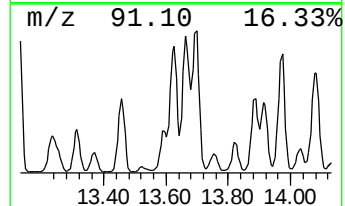
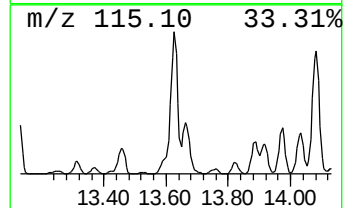
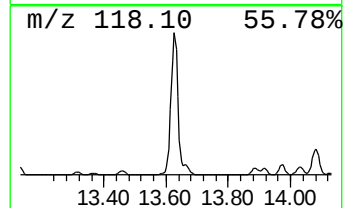
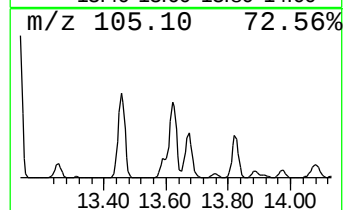
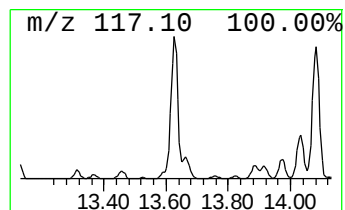
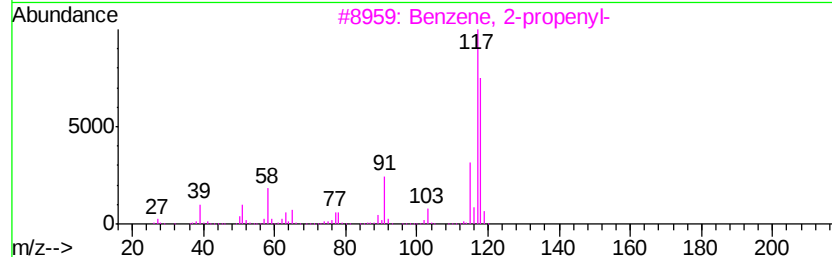
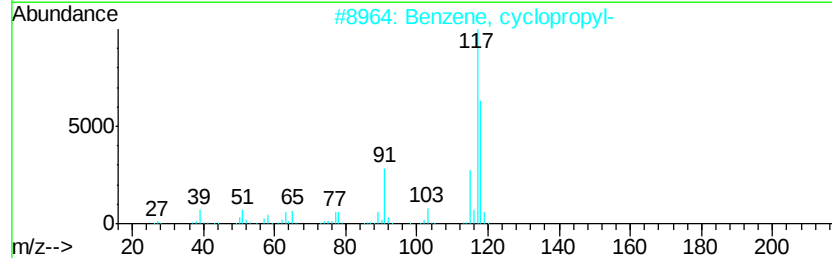
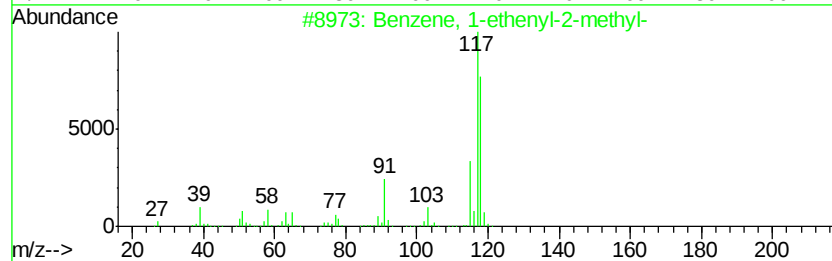
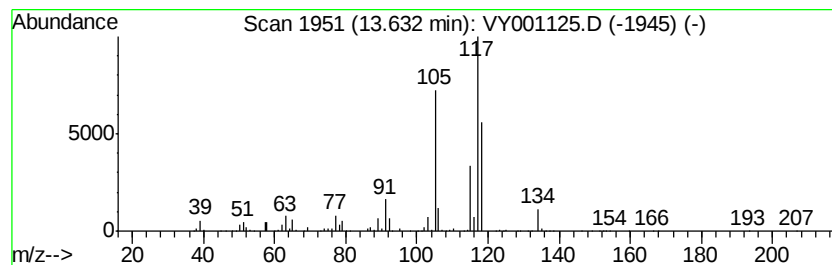
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	188.98 ug/l	10190000	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	49
5		Indane	118	C9H10	000496-11-7	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
Data File : VY001125.D
Acq On : 30 Dec 2019 15:02
Operator : SY/MD
Sample : K6462-05
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K500-5

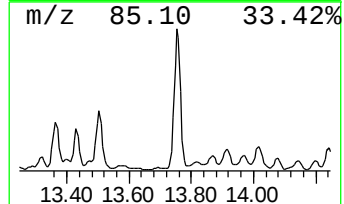
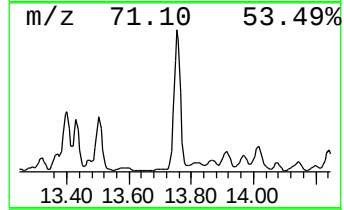
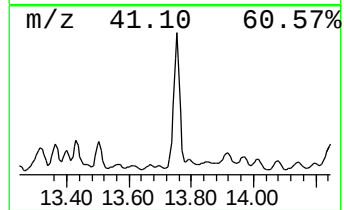
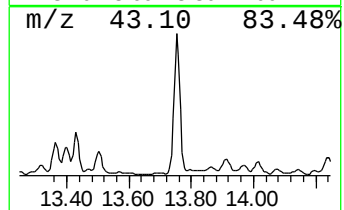
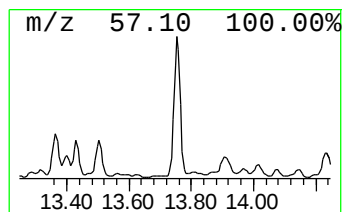
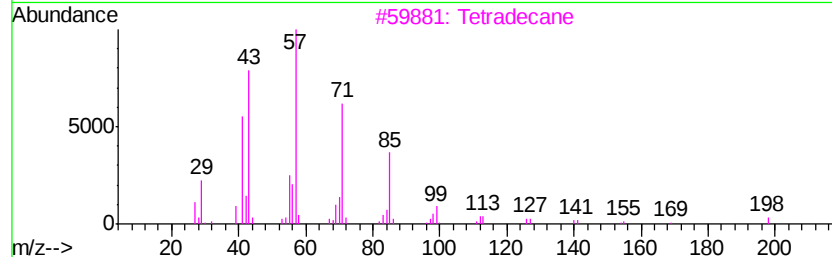
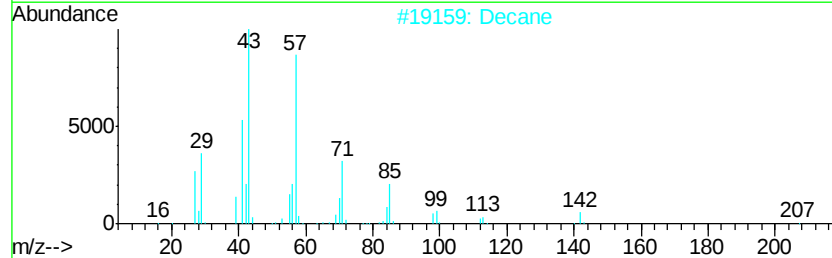
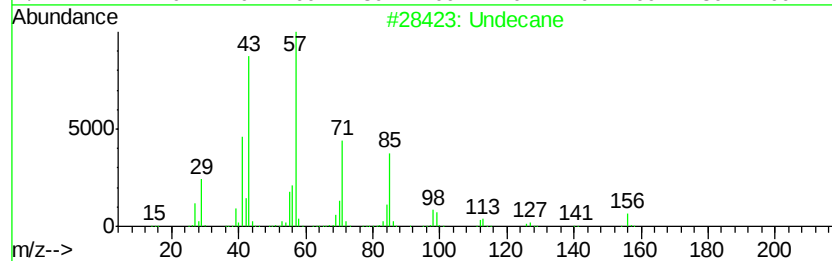
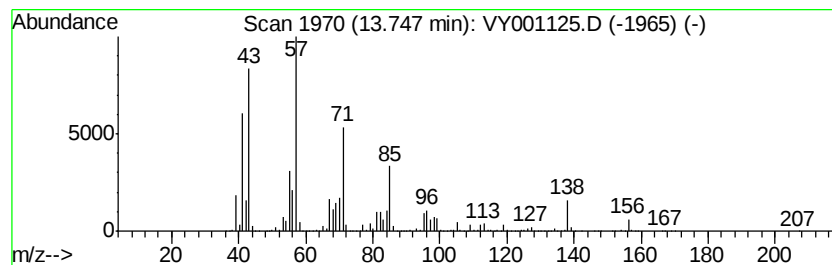
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Quant Title : SW846 8260

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

Peak Number 6 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	419.12 ug/l	22599200	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	96
2	Decane		142	C10H22	000124-18-5	91
3	Tetradecane		198	C14H30	000629-59-4	80
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	68
5	Hexadecane		226	C16H34	000544-76-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
Data File : VY001125.D
Acq On : 30 Dec 2019 15:02
Operator : SY/MD
Sample : K6462-05
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K500-5

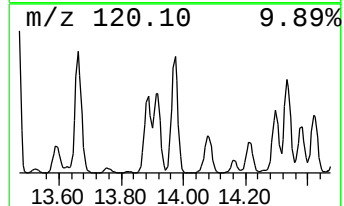
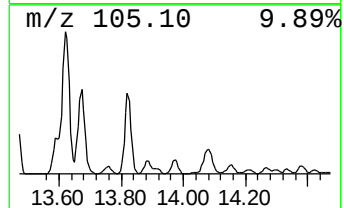
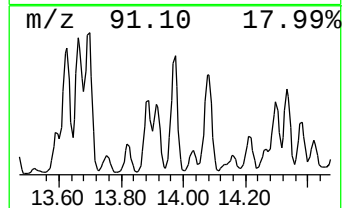
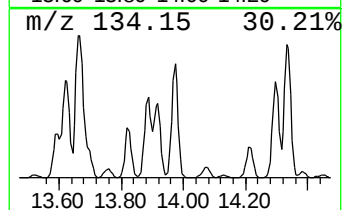
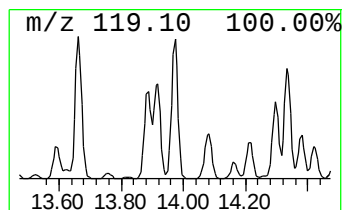
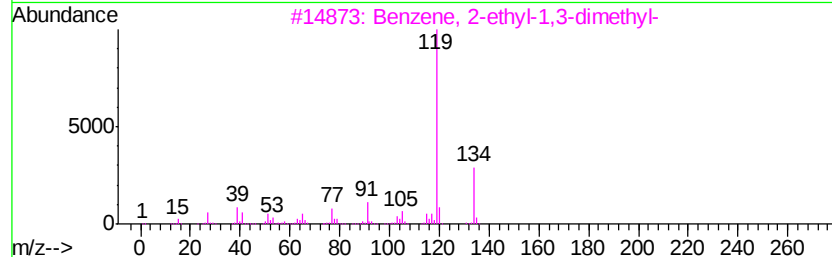
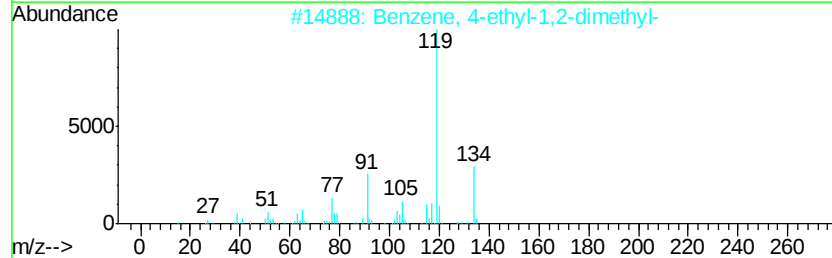
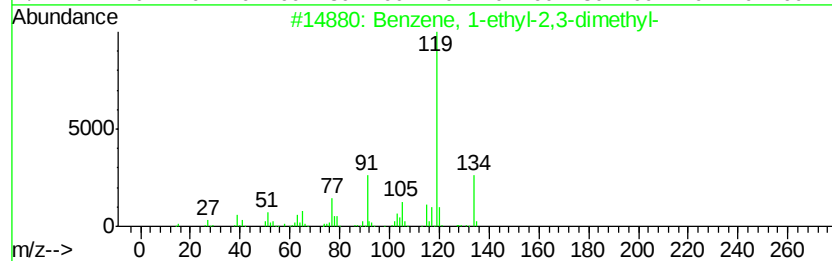
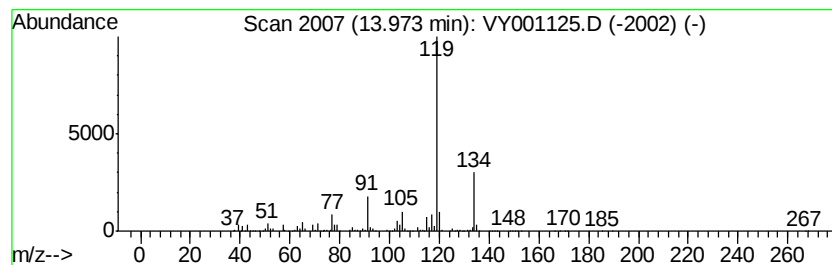
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	175.17 ug/l	9445300	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
Data File : VY001125.D
Acq On : 30 Dec 2019 15:02
Operator : SY/MD
Sample : K6462-05
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K500-5

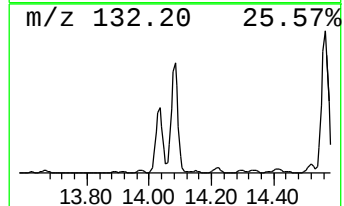
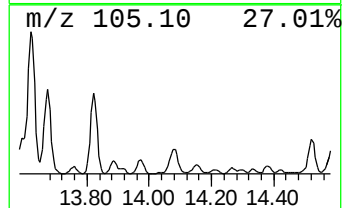
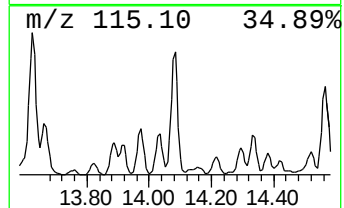
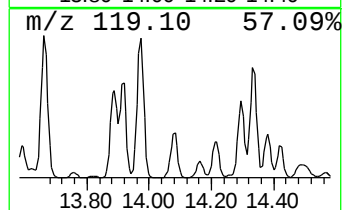
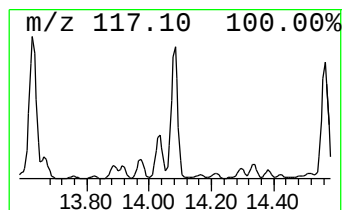
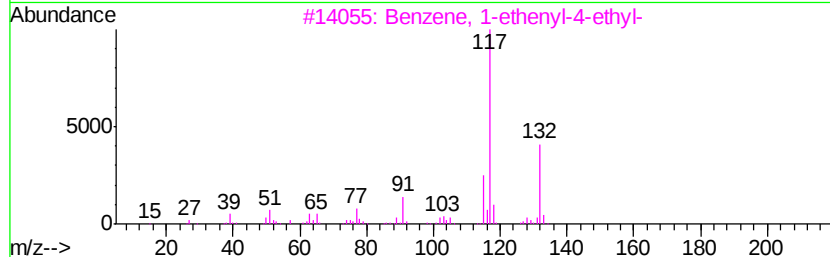
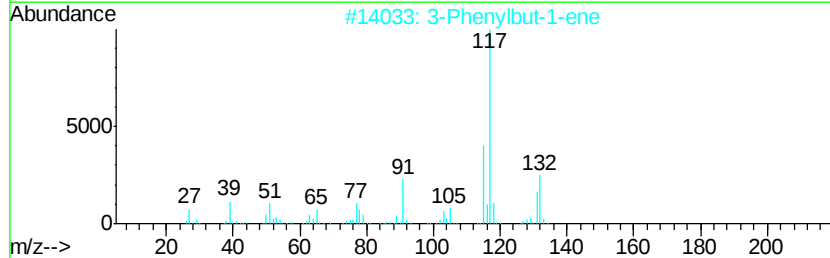
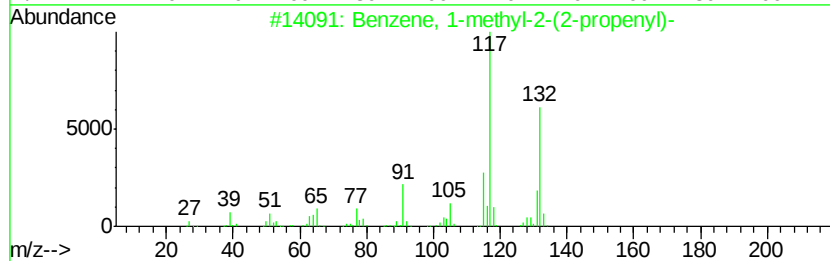
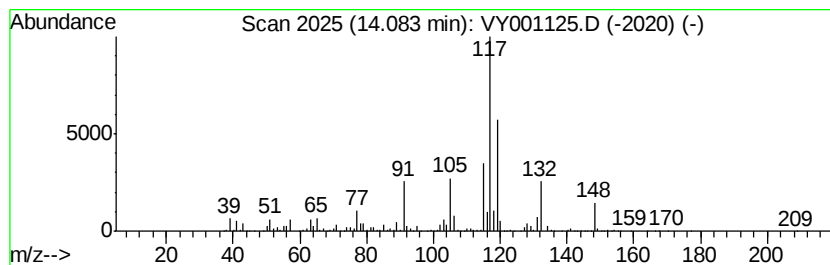
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	192.39 ug/l	10374000	1,4-Dichlorobenzene-d4	13.42

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
Data File : VY001125.D
Acq On : 30 Dec 2019 15:02
Operator : SY/MD
Sample : K6462-05
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

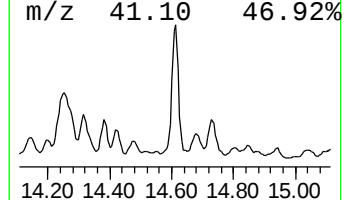
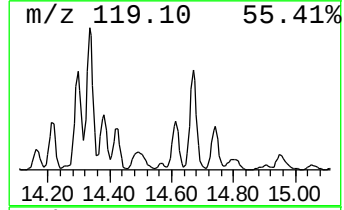
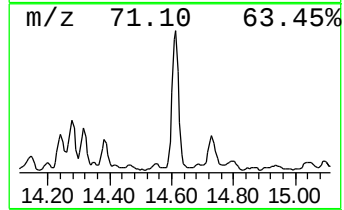
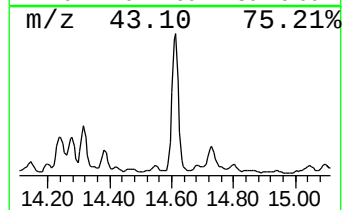
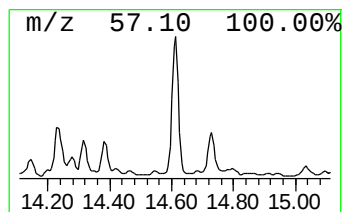
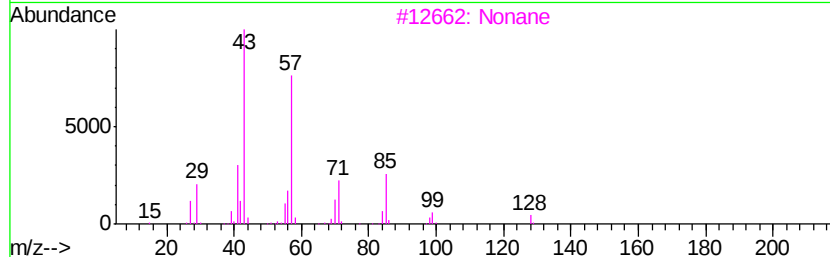
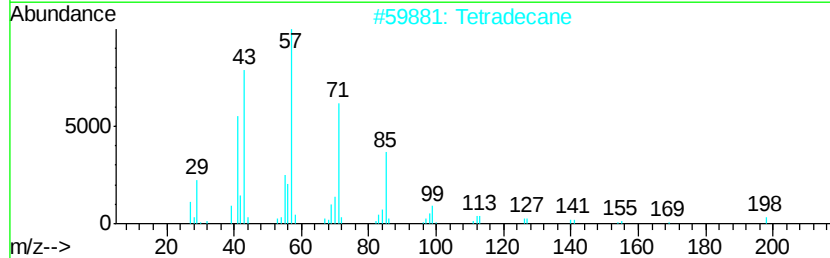
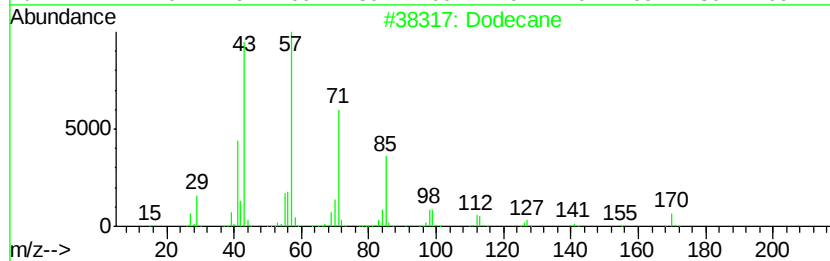
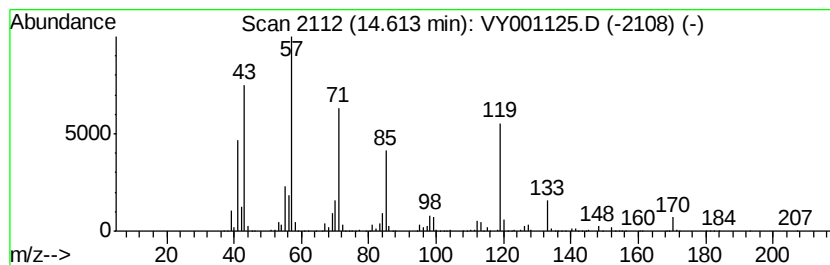
Instrument :
MSVOA_Y
ClientSampleId :
K500-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	206.63 ug/l	11141800	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	96
2	Tetradecane	198 C14H30	000629-59-4	58
3	Nonane	128 C9H20	000111-84-2	50
4	Hexadecane	226 C16H34	000544-76-3	49
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
Data File : VY001125.D
Acq On : 30 Dec 2019 15:02
Operator : SY/MD
Sample : K6462-05
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K500-5

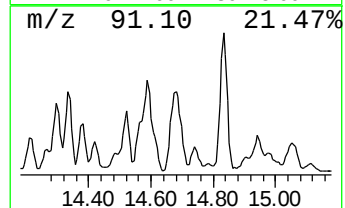
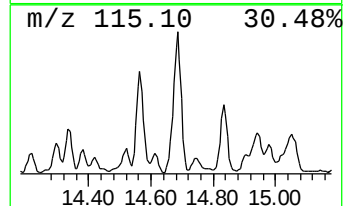
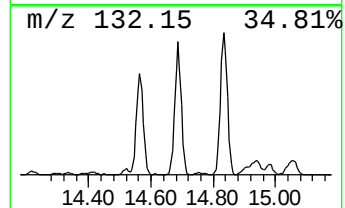
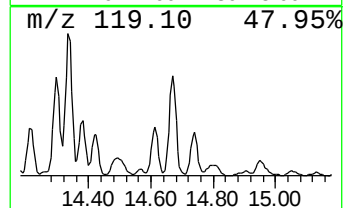
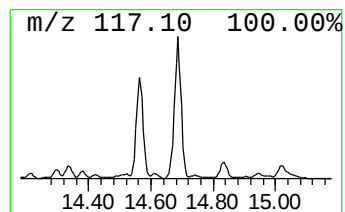
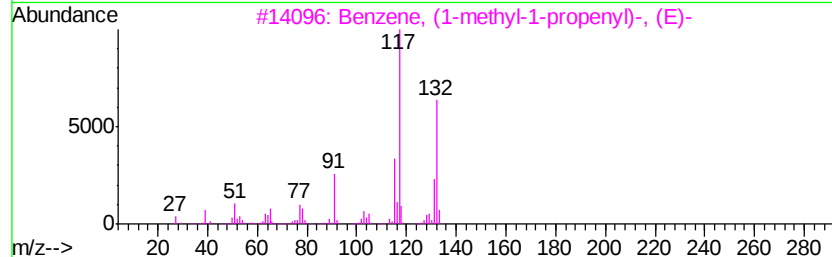
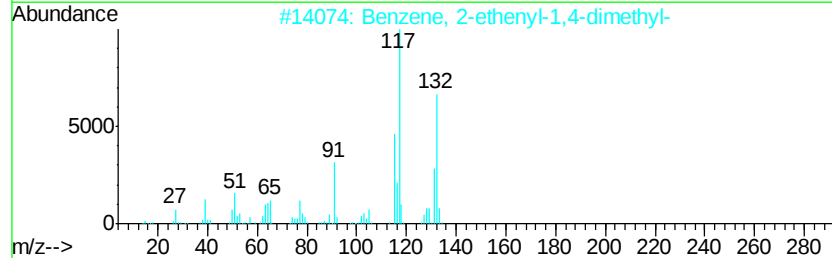
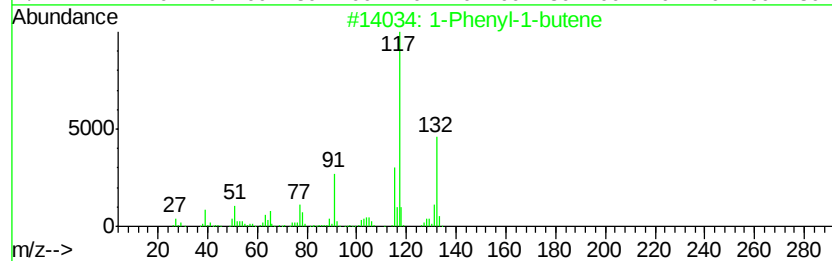
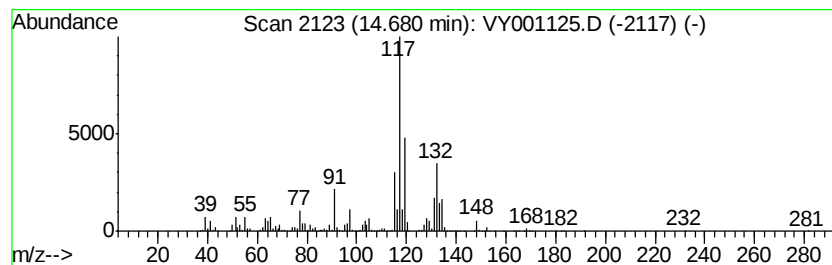
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260

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

Peak Number 10 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	283.59 ug/l	15291200	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY123019\
Data File : VY001125.D
Acq On : 30 Dec 2019 15:02
Operator : SY/MD
Sample : K6462-05
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K500-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.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
Octane, 4-methyl-	11.28	262.0	ug/l	10074900	3	11.49	1922650	50.0
Benzene, 1-ethyl-...	12.74	409.9	ug/l	22101500	4	13.42	2696050	50.0
p-Cymene	13.31	163.2	ug/l	8800450	4	13.42	2696050	50.0
Benzene, 1-etheny...	13.63	189.0	ug/l	10190000	4	13.42	2696050	50.0
Undecane	13.75	419.1	ug/l	22599200	4	13.42	2696050	50.0
Benzene, 1-ethyl-...	13.97	175.2	ug/l	9445300	4	13.42	2696050	50.0
Benzene, 1-methyl...	14.08	192.4	ug/l	10374000	4	13.42	2696050	50.0
Dodecane	14.61	206.6	ug/l	11141800	4	13.42	2696050	50.0
1-Phenyl-1-butene	14.68	283.6	ug/l	15291200	4	13.42	2696050	50.0