

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016170.D
 Acq On : 01 Nov 2023 15:50
 Operator : SY/MD
 Sample : 05102-04
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 67S-SB04-1419

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M

Title : SW846 8260

Signal : TIC: VY016170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.783	462	486	517	rBV2	728345	3196883	3.54%	0.365%
2	5.259	546	564	593	rBV	595581	2129011	2.36%	0.243%
3	5.765	632	647	668	rBV	1215655	3746000	4.15%	0.427%
4	6.814	808	819	839	rVB	1268687	3967406	4.40%	0.452%
5	7.789	958	979	989	rBV3	3766327	11634692	12.90%	1.327%
6	7.887	989	995	1006	rVB	971796	2395916	2.66%	0.273%
7	8.015	1006	1016	1024	rBV	4382259	10286983	11.41%	1.173%
8	8.173	1033	1042	1051	rVB	1625594	3651020	4.05%	0.416%
9	8.289	1051	1061	1067	rBV2	1318360	3401430	3.77%	0.388%
10	8.362	1067	1073	1078	rVV2	1054690	2615987	2.90%	0.298%
11	8.429	1078	1084	1096	rVB	1601595	3709743	4.11%	0.423%
12	8.563	1096	1106	1120	rBV	3785204	7358378	8.16%	0.839%
13	8.941	1158	1168	1176	rBV	16640797	36846072	40.86%	4.202%
14	9.191	1196	1209	1216	rBV3	14161415	33810045	37.49%	3.856%
15	9.258	1216	1220	1227	rVB	1019740	1891976	2.10%	0.216%
16	9.380	1234	1240	1246	rBV	1161389	2178689	2.42%	0.248%
17	9.478	1246	1256	1263	rVB2	951779	2375799	2.63%	0.271%
18	9.618	1272	1279	1290	rVB2	1263806	2536437	2.81%	0.289%
19	9.770	1298	1304	1309	rBV	1329815	2438759	2.70%	0.278%
20	9.831	1309	1314	1318	rBV	3187439	6007117	6.66%	0.685%
21	9.972	1327	1337	1349	rBV	3766570	9048621	10.03%	1.032%
22	10.124	1357	1362	1367	rVV2	798247	1599429	1.77%	0.182%
23	10.191	1367	1373	1377	rVV	4904779	9360703	10.38%	1.068%
24	10.258	1377	1384	1390	rVV	13912751	27131362	30.09%	3.094%
25	10.380	1396	1404	1412	rVB2	5483554	11091906	12.30%	1.265%
26	10.532	1424	1429	1438	rVB	2525034	4593600	5.09%	0.524%
27	10.630	1438	1445	1450	rBV2	1548269	3264131	3.62%	0.372%
28	10.721	1456	1460	1465	rVB	1406800	2241517	2.49%	0.256%
29	10.813	1465	1475	1481	rBV	4203913	7059335	7.83%	0.805%
30	10.917	1481	1492	1499	rBV	2259275	5156769	5.72%	0.588%
31	10.984	1499	1503	1506	rVV3	1020337	1607912	1.78%	0.183%
32	11.051	1506	1514	1518	rVV	3926908	7466432	8.28%	0.851%
33	11.106	1518	1523	1528	rVV	6582437	11705913	12.98%	1.335%
34	11.154	1528	1531	1535	rVV	1313800	2015477	2.23%	0.230%
35	11.215	1535	1541	1545	rVV3	2771990	4860426	5.39%	0.554%
36	11.288	1545	1553	1564	rVB3	5695858	15019279	16.65%	1.713%

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37	11.392	1564	1570	1576	rBV	4938142	8471056	9.39%	0.966%
38	11.526	1584	1592	1597	rBV2	1597069	3253228	3.61%	0.371%
39	11.605	1597	1605	1614	rVV	21525763	38740581	42.96%	4.418%
40	11.715	1614	1623	1634	rVV	34228012	90181481	100.00%	10.285%
41	11.794	1634	1636	1641	rVB	1801625	2302014	2.55%	0.263%
42	11.941	1656	1660	1665	rVB2	894535	1495613	1.66%	0.171%
43	12.038	1665	1676	1684	rBV	16656985	32839572	36.41%	3.745%
44	12.136	1687	1692	1696	rVB	4021274	5553933	6.16%	0.633%
45	12.215	1700	1705	1707	rBV2	2111739	3368838	3.74%	0.384%
46	12.252	1707	1711	1717	rVB3	2958721	5731490	6.36%	0.654%
47	12.337	1720	1725	1730	rBV	4311273	7278905	8.07%	0.830%
48	12.392	1730	1734	1736	rBV3	821493	1439457	1.60%	0.164%
49	12.422	1736	1739	1742	rVB	1648589	1940083	2.15%	0.221%
50	12.532	1754	1757	1761	rBV	1771703	2260535	2.51%	0.258%
51	12.581	1761	1765	1769	rVV5	593141	1055167	1.17%	0.120%
52	12.678	1770	1781	1786	rVB	7785492	17054377	18.91%	1.945%
53	12.745	1786	1792	1796	rBV	14605565	24220210	26.86%	2.762%
54	12.776	1796	1797	1800	rVV	3994333	4883400	5.42%	0.557%
55	12.819	1800	1804	1810	rVV2	12067707	21294879	23.61%	2.429%
56	12.867	1810	1812	1818	rVB2	1520903	2233383	2.48%	0.255%
57	12.977	1823	1830	1834	rBV	3470940	7822733	8.67%	0.892%
58	13.050	1838	1842	1845	rBV	4961975	6831798	7.58%	0.779%
59	13.130	1850	1855	1860	rVB	19304631	29760437	33.00%	3.394%
60	13.178	1860	1863	1868	rVB2	1995259	2978101	3.30%	0.340%
61	13.239	1868	1873	1874	rBV3	1481967	2274182	2.52%	0.259%
62	13.294	1879	1882	1884	rBV	2053121	2519767	2.79%	0.287%
63	13.325	1885	1887	1891	rVB2	3077330	3962015	4.39%	0.452%
64	13.373	1891	1895	1898	rBV3	2215479	2811042	3.12%	0.321%
65	13.404	1898	1900	1903	rVB	1205578	1307525	1.45%	0.149%
66	13.465	1903	1910	1914	rBV	6046120	12907572	14.31%	1.472%
67	13.599	1924	1932	1934	rBV3	4078706	7298836	8.09%	0.832%
68	13.636	1934	1938	1941	rVV	10011042	16969957	18.82%	1.935%
69	13.672	1941	1944	1953	rVV3	8737739	18728803	20.77%	2.136%
70	13.757	1953	1958	1963	rVV3	5527470	9947507	11.03%	1.134%
71	13.831	1967	1970	1974	rVV	2805796	4855540	5.38%	0.554%
72	13.892	1976	1980	1983	rVV	6503804	11506584	12.76%	1.312%
73	13.922	1983	1985	1990	rVV	7144628	10327748	11.45%	1.178%
74	13.983	1990	1995	1999	rVV	16975945	27044890	29.99%	3.084%
75	14.026	1999	2002	2007	rVV2	1557703	3027108	3.36%	0.345%
76	14.087	2007	2012	2017	rVB3	6511438	10219085	11.33%	1.165%

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77	14.154	2017	2023	2029	rBV5	1364685	3068254	3.40%	0.350%
78	14.221	2029	2034	2038	rBV3	2384441	4747078	5.26%	0.541%
79	14.306	2038	2048	2051	rVV	11188792	23507915	26.07%	2.681%
80	14.343	2051	2054	2058	rVV	12456450	17722836	19.65%	2.021%
81	14.385	2058	2061	2065	rVV2	4867526	7288988	8.08%	0.831%
82	14.428	2065	2068	2075	rVV2	2938832	4533380	5.03%	0.517%
83	14.489	2075	2078	2081	rVV	957528	1506521	1.67%	0.172%
84	14.526	2081	2084	2087	rVV	1548415	2171269	2.41%	0.248%
85	14.574	2087	2092	2096	rVV	4880837	8288502	9.19%	0.945%
86	14.617	2096	2099	2104	rVB	3446889	4641623	5.15%	0.529%
87	14.684	2104	2110	2116	rBV2	10001166	22104711	24.51%	2.521%
88	14.739	2116	2119	2125	rVB2	3741771	6224498	6.90%	0.710%
89	14.952	2149	2154	2158	rBV2	2562090	4197818	4.65%	0.479%
90	15.062	2166	2172	2177	rBV2	1921846	3856063	4.28%	0.440%
91	15.129	2179	2183	2191	rVB5	860313	2243140	2.49%	0.256%
92	15.239	2191	2201	2206	rBV2	2319364	6345545	7.04%	0.724%
93	15.440	2231	2234	2242	rVB6	726759	1495146	1.66%	0.171%
94	15.532	2243	2249	2257	rBV3	1026284	2601482	2.88%	0.297%
95	15.611	2257	2262	2267	rVB4	761967	1320643	1.46%	0.151%
96	15.696	2268	2276	2280	rBV4	625682	1609367	1.78%	0.184%
97	15.891	2302	2308	2314	rVB5	786520	1625278	1.80%	0.185%
98	16.044	2325	2333	2338	rBV4	595812	1740120	1.93%	0.198%
99	16.294	2369	2374	2381	rVB	1314135	2434519	2.70%	0.278%
100	16.495	2400	2407	2420	rVB	1464642	3483833	3.86%	0.397%

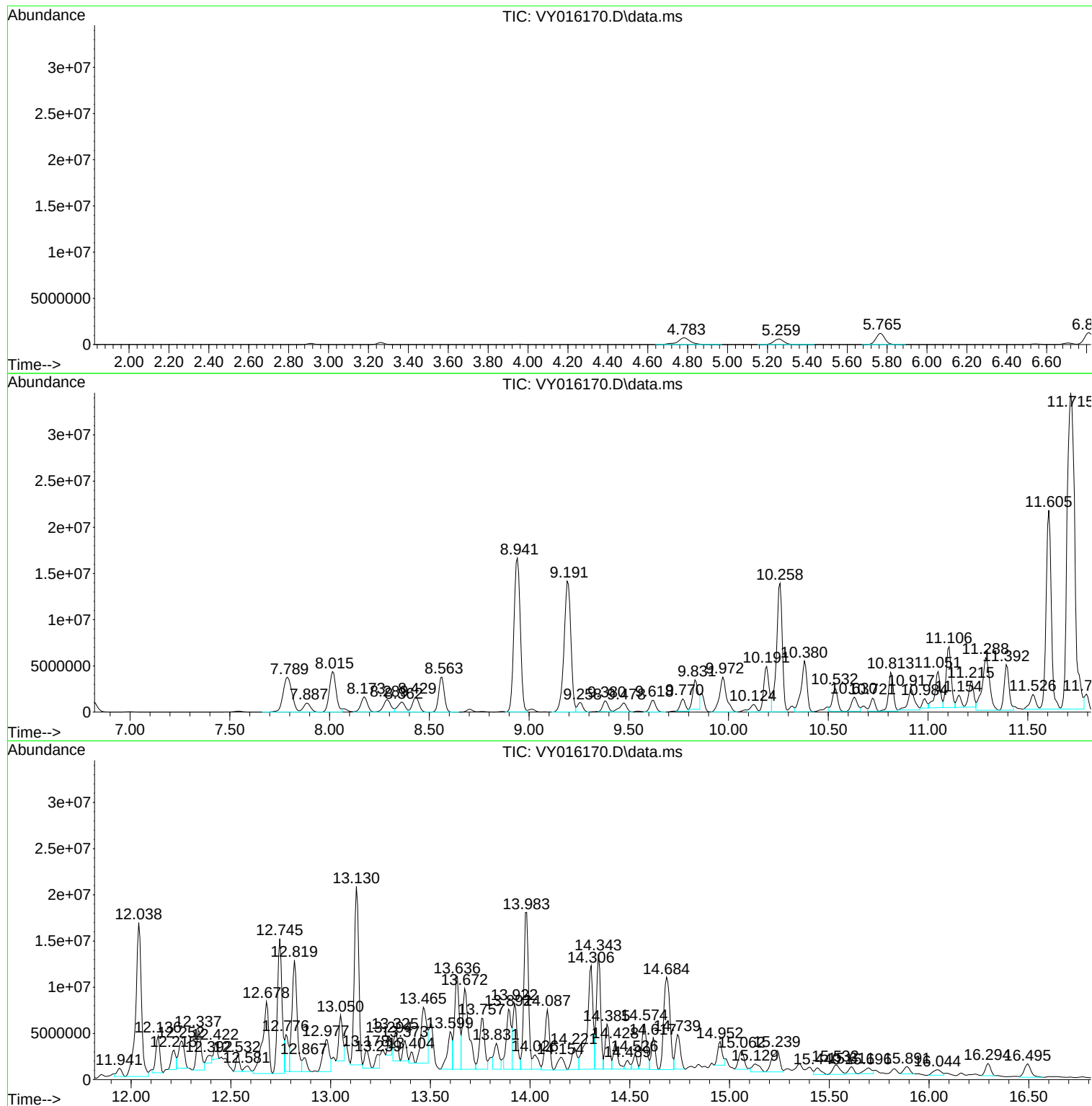
Sum of corrected areas: 876859116

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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67S-SB04-1419

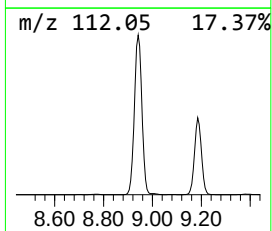
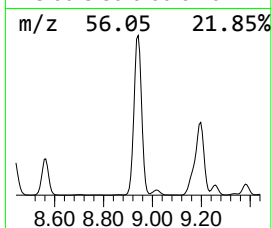
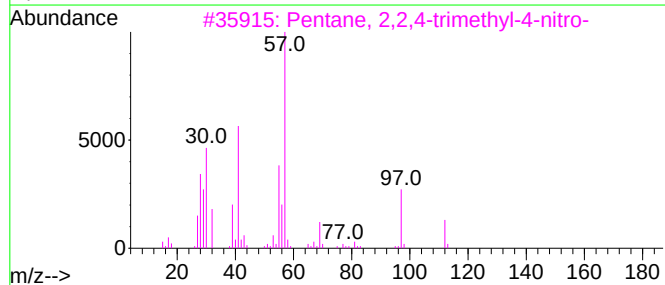
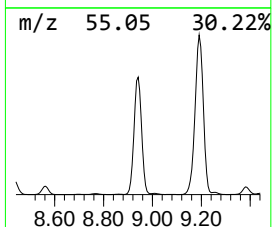
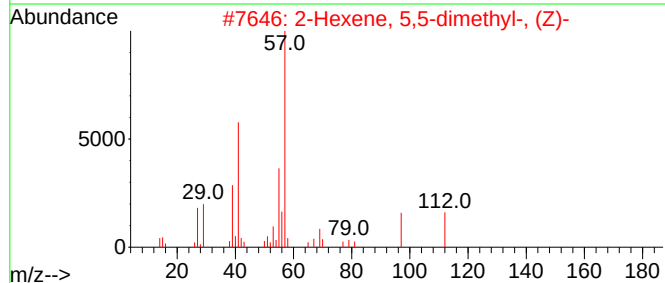
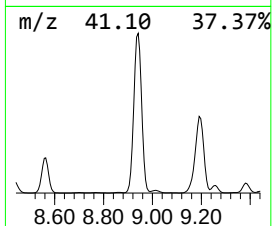
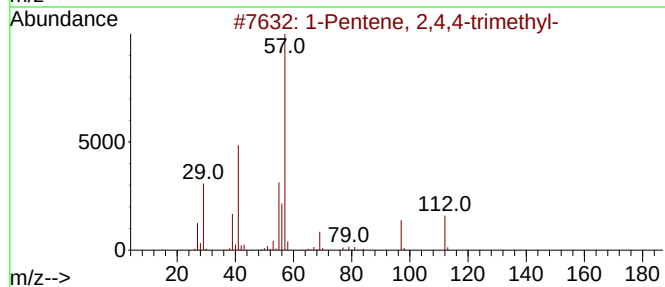
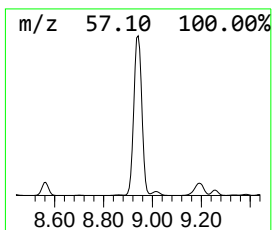
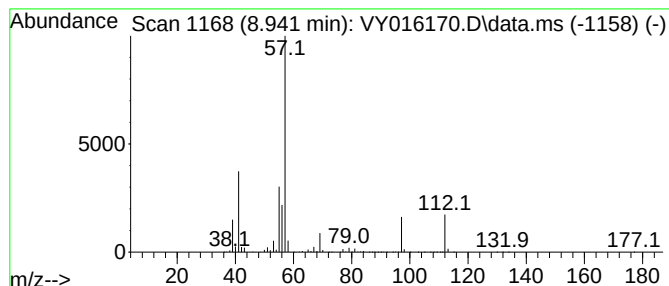
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Pentene, 2,4,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.941	250.37 ug/l	36846100	1,4-Difluorobenzene	8.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-		112	C8H16	000107-39-1	91	
2	2-Hexene, 5,5-dimethyl-, (Z)-		112	C8H16	039761-61-0	64	
3	Pentane, 2,2,4-trimethyl-4-nitro-		159	C8H17NO2	005342-78-9	50	
4	2,4,4-Trimethyl-1-pentanol		130	C8H18O	016325-63-6	50	
5	1-Hexene, 5,5-dimethyl-		112	C8H16	007116-86-1	45	



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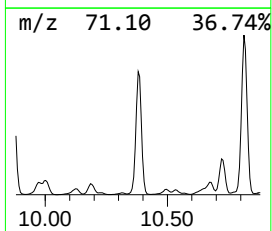
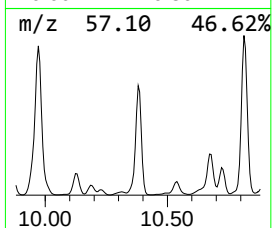
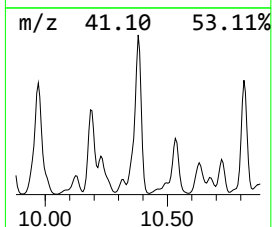
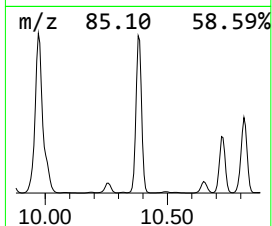
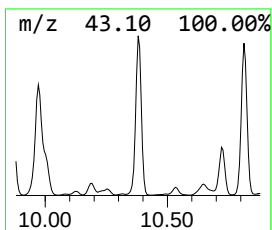
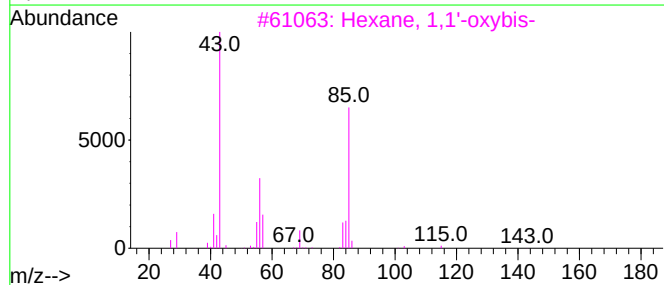
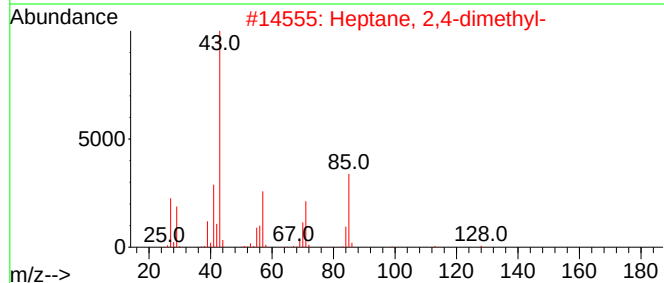
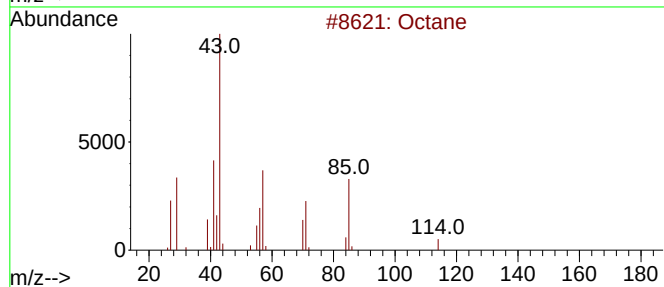
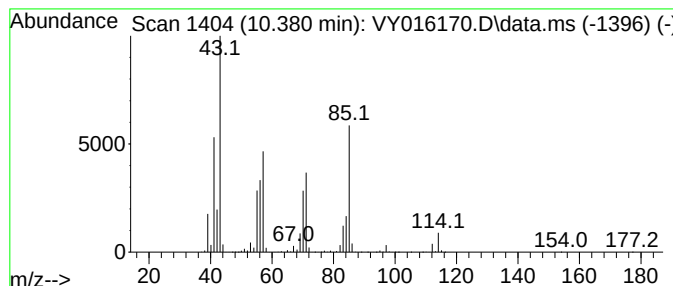
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.380	170.47 ug/l	11091900	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	90
2	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64
3	Hexane, 1,1'-oxybis-			186	C12H26O	000112-58-3	43
4	5-Hydroxypentanal acetate			144	C7H12O3	018545-16-9	43
5	Pentane, 3-ethyl-2-methyl-			114	C8H18	000609-26-7	38



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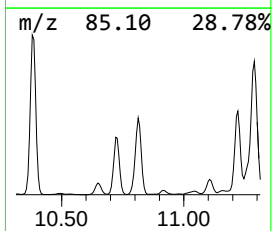
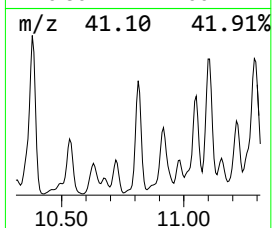
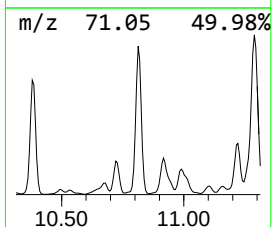
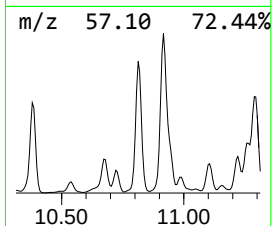
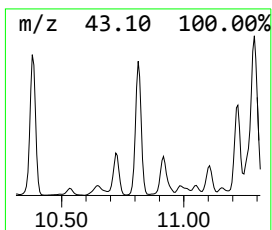
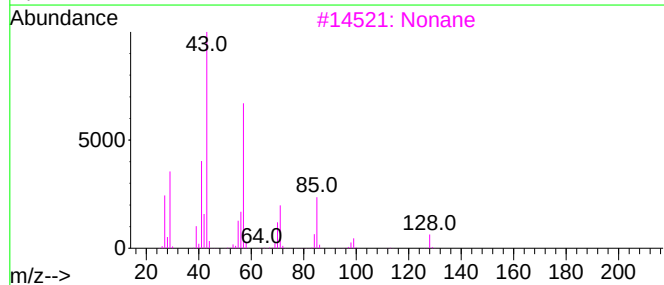
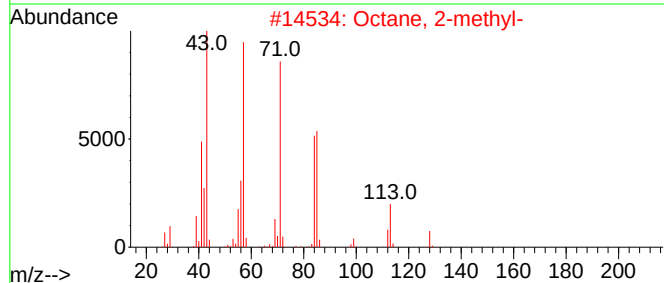
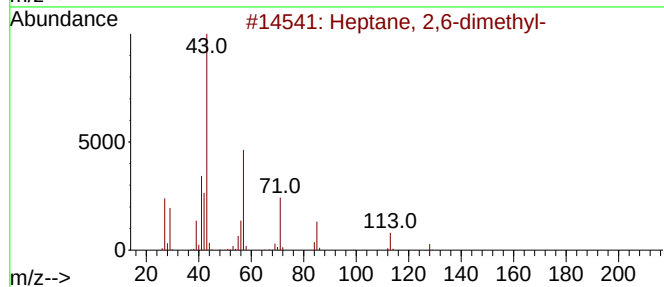
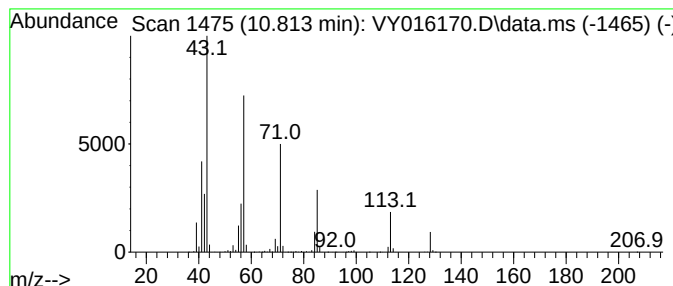
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.813	108.50 ug/l	7059340	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2			Octane, 2-methyl-	128	C9H20	003221-61-2	86
3			Nonane	128	C9H20	000111-84-2	58
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

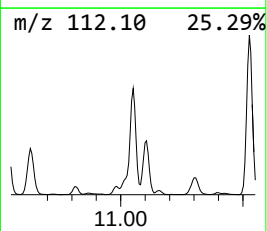
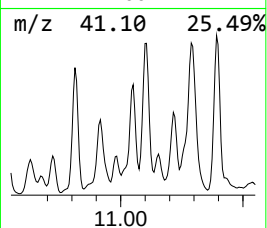
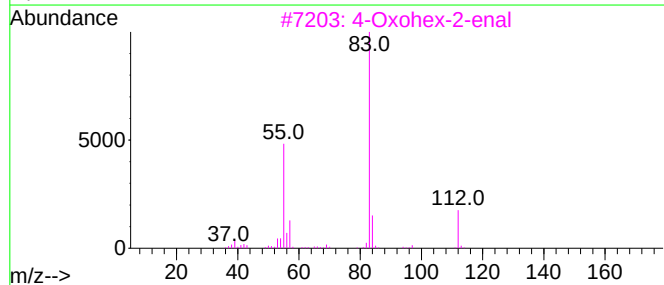
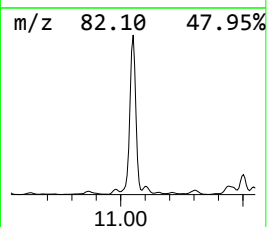
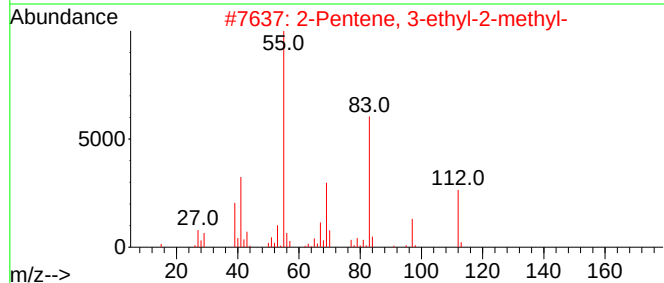
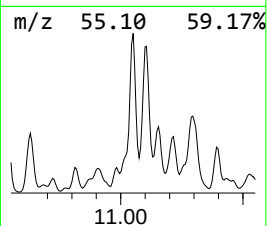
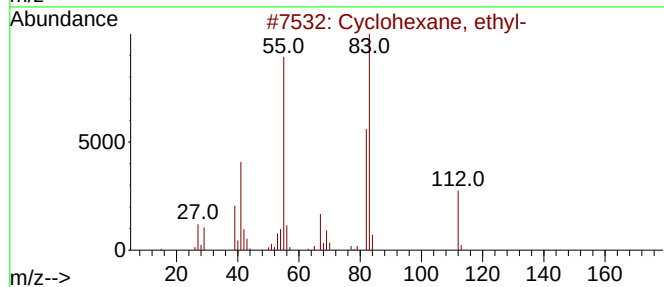
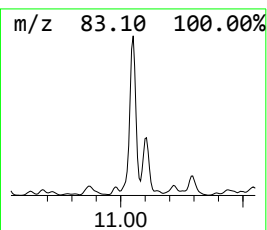
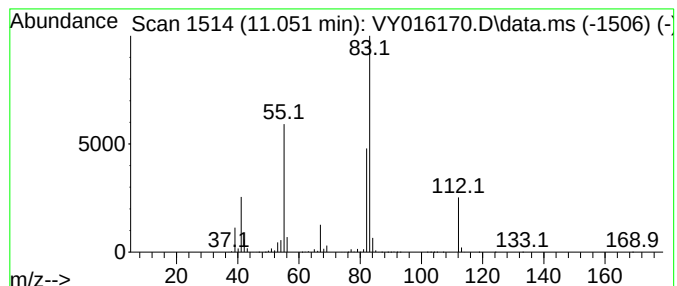
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	114.75 ug/l	7466430	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	64
3			4-Oxohex-2-enal	112	C6H8O2	020697-55-6	58
4			3-Ethyl-3-hexene	112	C8H16	016789-51-8	58
5			Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

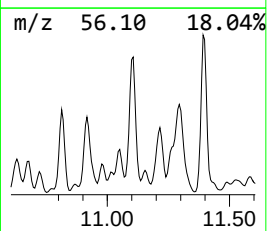
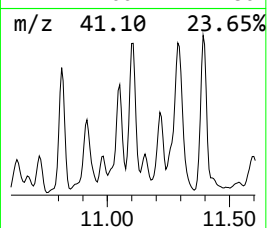
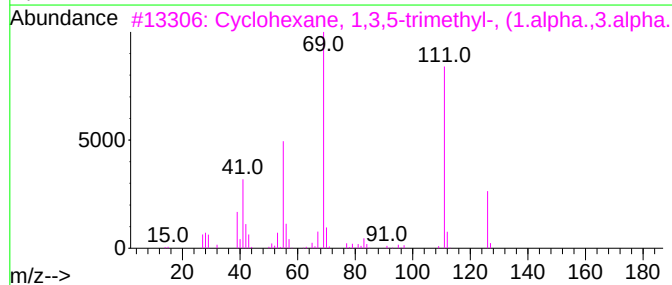
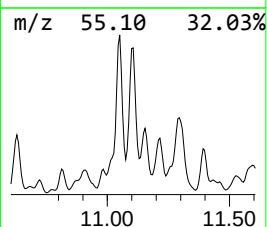
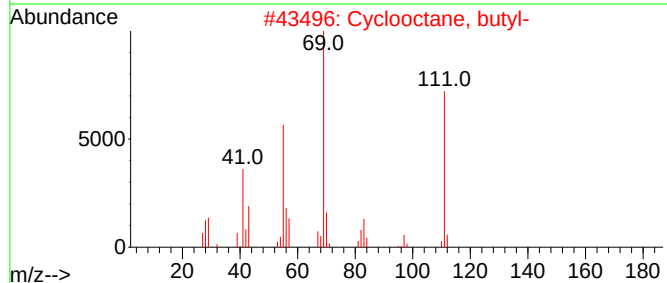
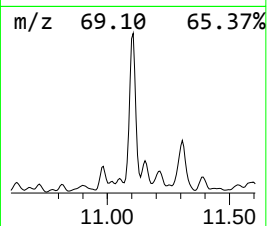
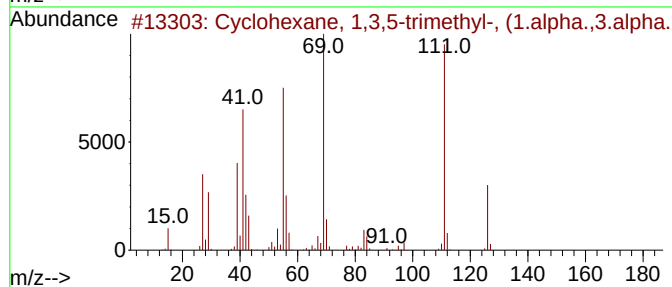
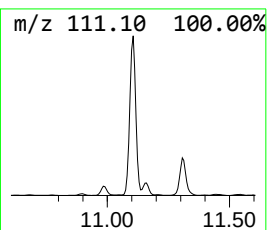
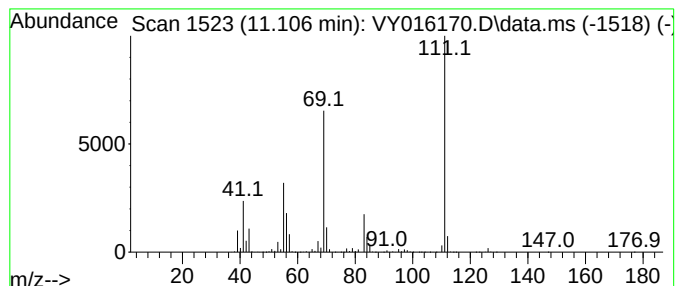
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,3,5-trimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.105	179.91 ug/l	11705900	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	78
2			Cyclooctane, butyl-	168	C12H24	016538-93-5	74
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

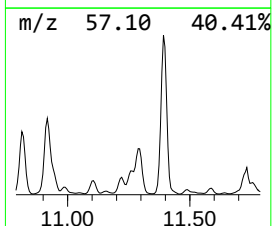
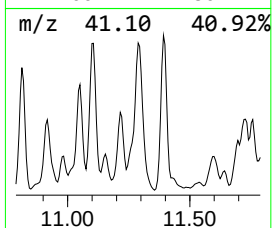
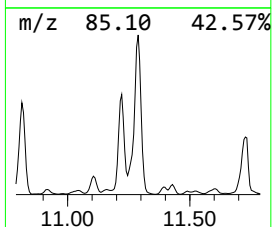
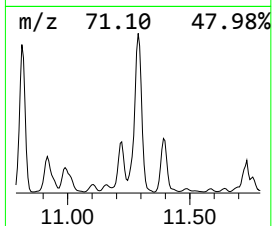
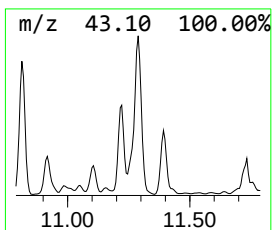
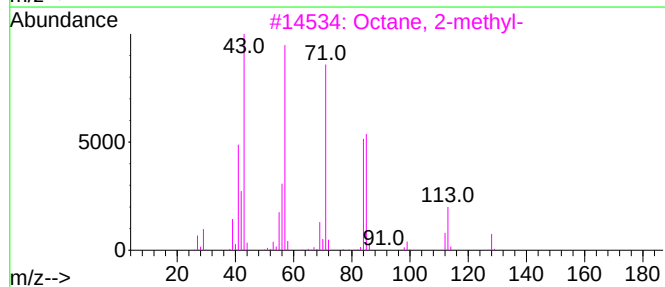
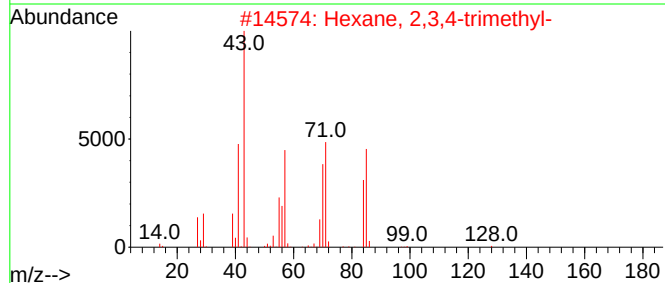
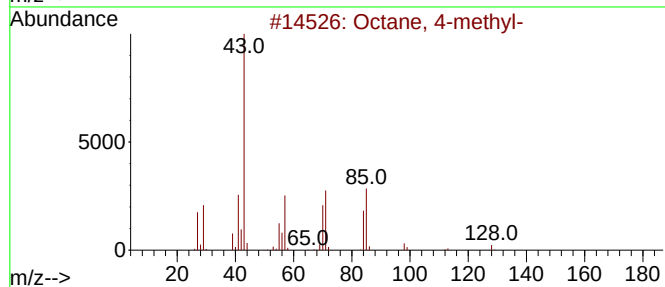
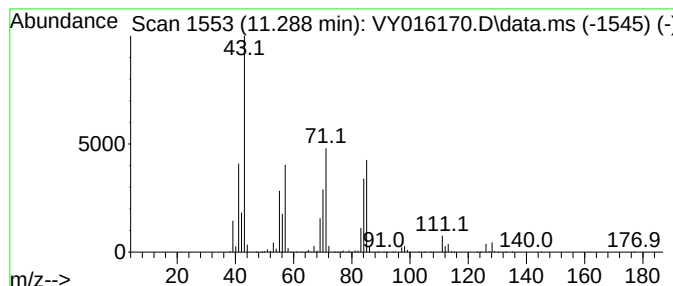
Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.288	230.84 ug/l	15019300	Chlorobenzene-d5	11.502	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	74
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3	Octane, 2-methyl-	128	C9H20	003221-61-2	62
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

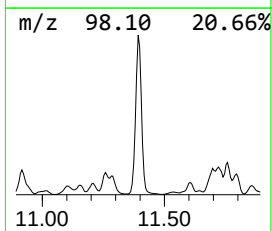
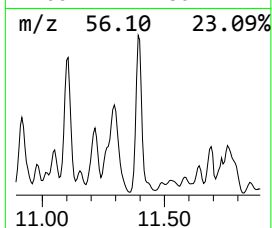
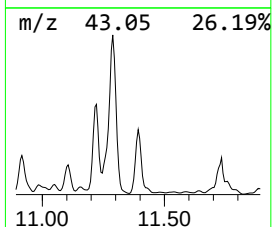
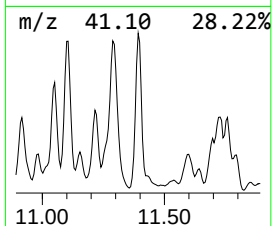
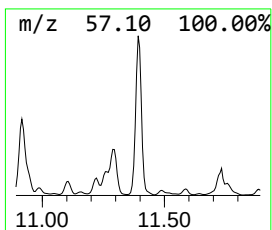
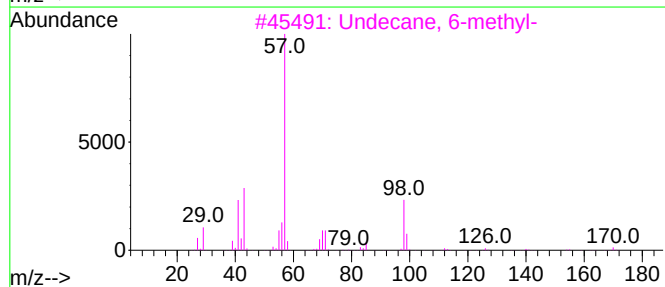
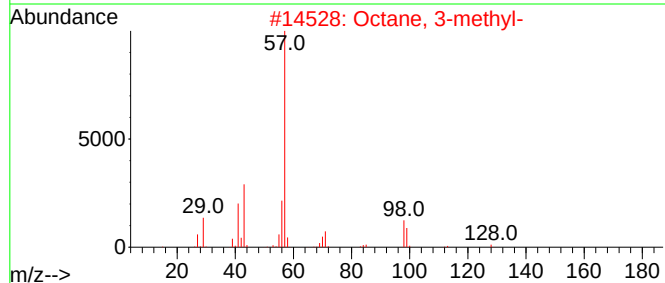
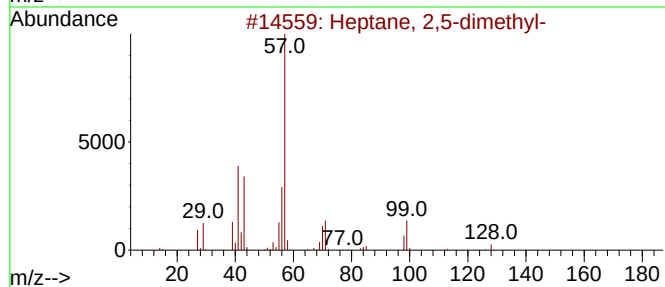
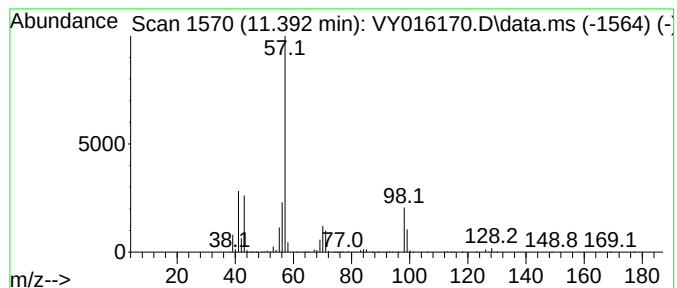
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	130.19 ug/l	8471060	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2			Octane, 3-methyl-	128	C9H20	002216-33-3	72
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5			Heptane, 3-ethyl-	128	C9H20	015869-80-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

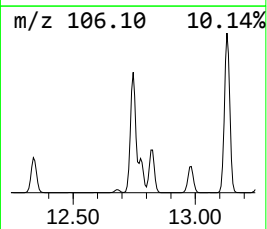
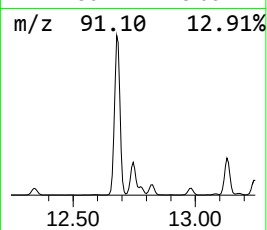
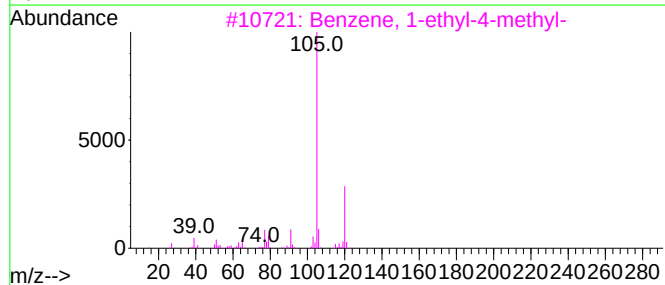
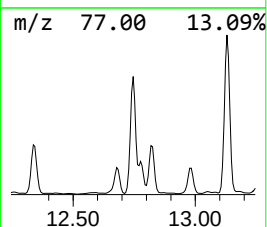
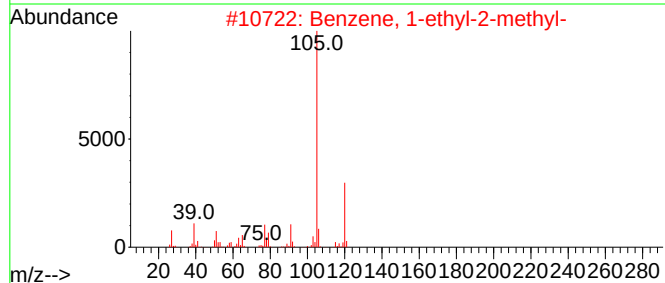
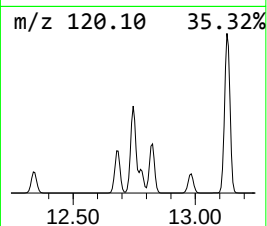
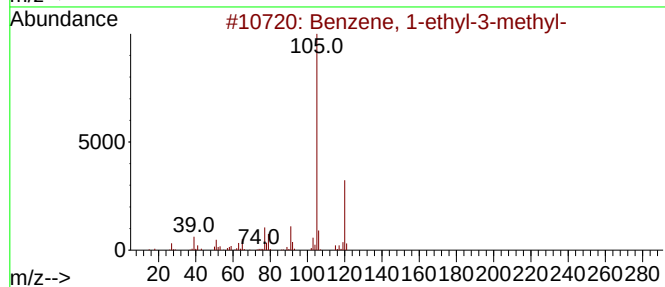
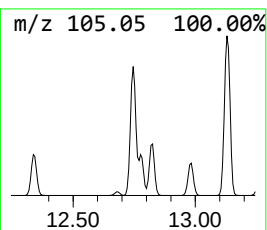
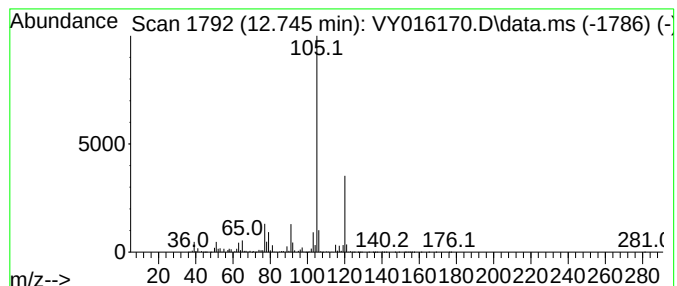
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.746	93.82 ug/l	24220200	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

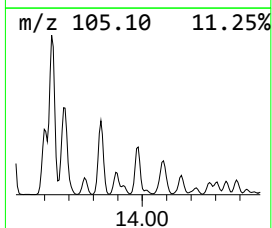
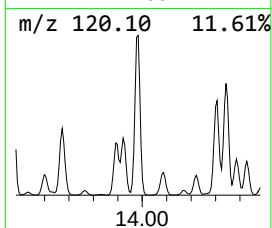
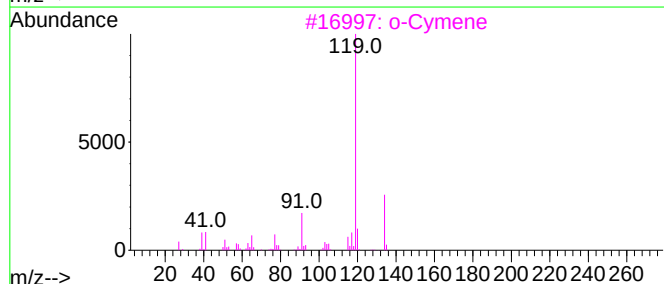
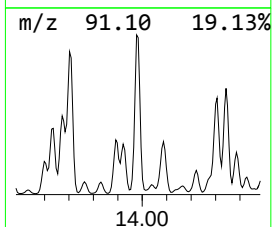
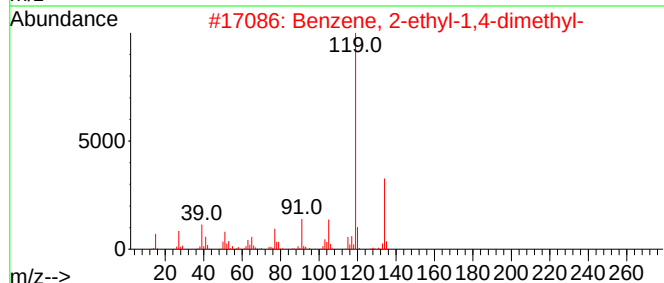
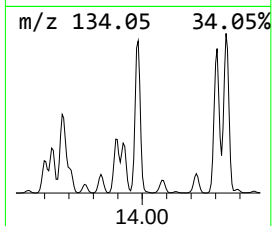
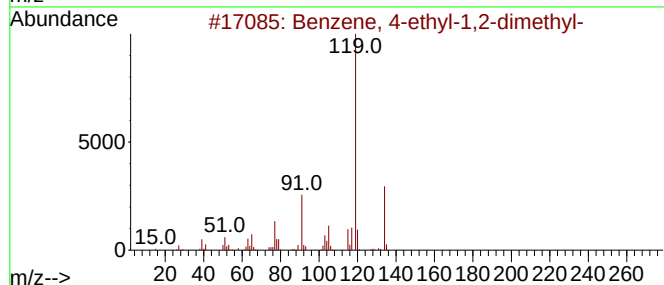
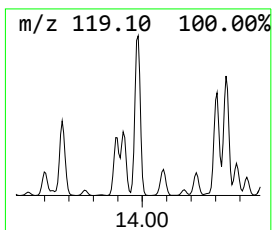
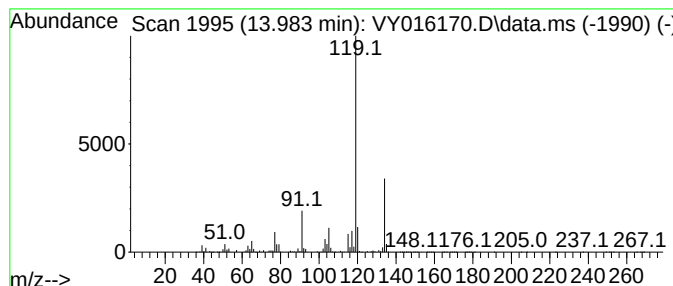
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.983	104.76 ug/l	27044900	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

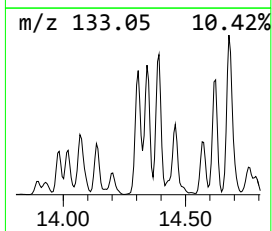
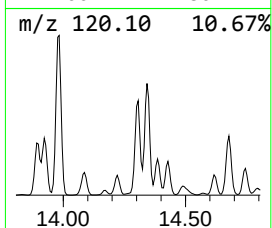
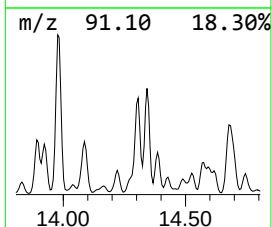
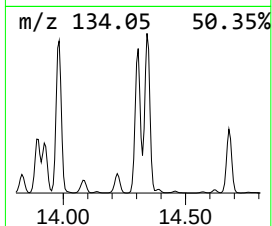
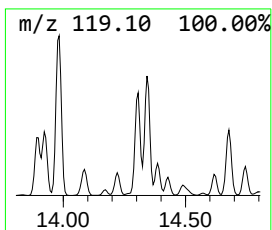
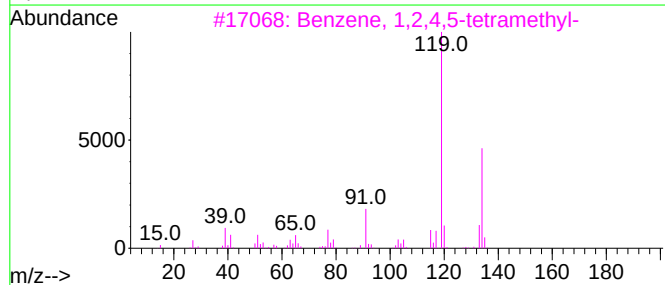
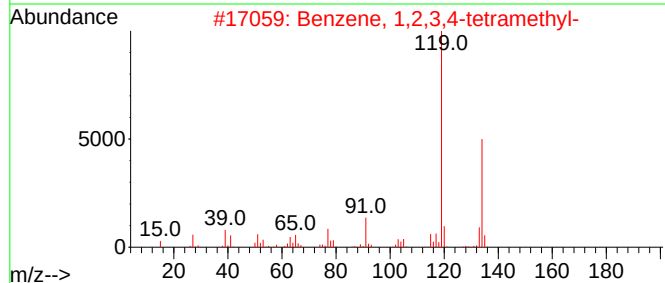
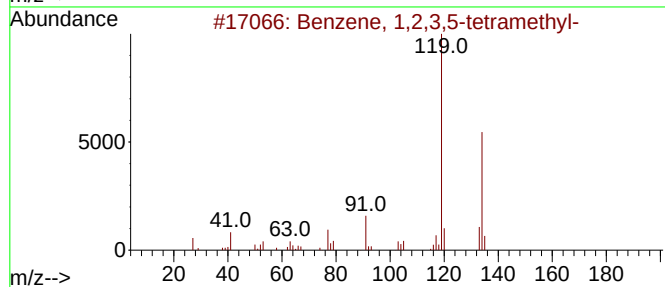
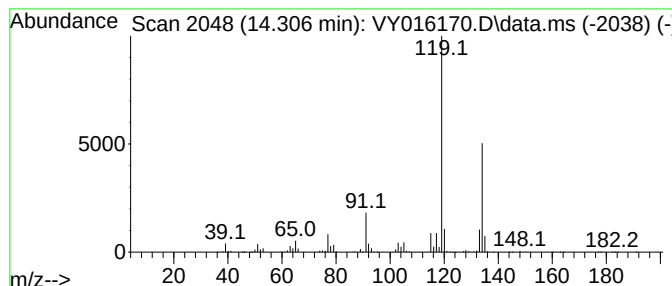
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	91.06 ug/l	23507900	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016170.D
Acq On : 01 Nov 2023 15:50
Operator : SY/MD
Sample : 05102-04
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB04-1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Pentene, 2,4,...	8.941	250.4	ug/l	36846100	2	8.704	7358380	50.0
Octane	10.380	170.5	ug/l	11091900	3	11.502	3253230	50.0
Heptane, 2,6-di...	10.813	108.5	ug/l	7059340	3	11.502	3253230	50.0
Cyclohexane, et...	11.051	114.8	ug/l	7466430	3	11.502	3253230	50.0
Cyclohexane, 1...	11.105	179.9	ug/l	11705900	3	11.502	3253230	50.0
Octane, 4-methyl-	11.288	230.8	ug/l	15019300	3	11.502	3253230	50.0
Heptane, 2,5-di...	11.392	130.2	ug/l	8471060	3	11.502	3253230	50.0
Benzene, 1-ethy...	12.746	93.8	ug/l	24220200	4	13.434	12907600	50.0
Benzene, 4-ethy...	13.983	104.8	ug/l	27044900	4	13.434	12907600	50.0
Benzene, 1,2,3...	14.306	91.1	ug/l	23507900	4	13.434	12907600	50.0