

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018396.D
 Acq On : 29 May 2024 13:52
 Operator : SY/MD
 Sample : P2610-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-05242024

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\82Y052224S.M
 Title : SW846 8260

Signal : TIC: VY018396.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.906	12	14	18	rVB3	745	821	1.32%	0.188%
2	2.040	32	36	38	rVB4	899	959	1.54%	0.219%
3	2.107	40	47	48	rBV2	3100	4642	7.44%	1.060%
4	2.607	127	129	131	rBV3	1570	916	1.47%	0.209%
5	3.113	208	212	215	rBV5	916	1526	2.45%	0.349%
6	3.247	232	234	238	rVB4	866	968	1.55%	0.221%
7	3.314	241	245	251	rVB5	885	1673	2.68%	0.382%
8	3.461	262	269	271	rBV4	959	1914	3.07%	0.437%
9	3.893	338	340	343	rBV2	980	1119	1.79%	0.256%
10	4.082	369	371	374	rVB2	788	920	1.47%	0.210%
11	4.186	385	388	395	rVB6	1572	2531	4.06%	0.578%
12	4.527	442	444	449	rVB2	1144	1374	2.20%	0.314%
13	4.692	466	471	473	rBV4	1510	2440	3.91%	0.557%
14	4.979	515	518	521	rBV2	841	1069	1.71%	0.244%
15	5.344	575	578	581	rBV3	867	835	1.34%	0.191%
16	5.454	594	596	599	rBV3	937	1071	1.72%	0.245%
17	5.491	599	602	605	rVV3	918	1024	1.64%	0.234%
18	5.564	609	614	618	rVB5	819	1247	2.00%	0.285%
19	5.747	639	644	646	rBV5	1230	1859	2.98%	0.425%
20	6.003	680	686	687	rBV2	797	1341	2.15%	0.306%
21	6.241	718	725	728	rBV3	540	1201	1.93%	0.274%
22	6.710	800	802	805	rBV	757	921	1.48%	0.210%
23	6.740	805	807	809	rVV	1053	1134	1.82%	0.259%
24	6.789	812	815	819	rVB3	1134	1556	2.49%	0.355%
25	6.942	837	840	843	rBV4	913	1538	2.47%	0.351%
26	7.234	886	888	890	rBV2	949	936	1.50%	0.214%
27	7.301	897	899	904	rVB3	917	1252	2.01%	0.286%
28	7.618	948	951	953	rBV2	766	889	1.43%	0.203%
29	7.710	959	966	972	rBV	8897	19510	31.28%	4.456%
30	7.789	972	979	988	rVB3	15945	39237	62.90%	8.962%
31	7.856	988	990	992	rBV3	908	884	1.42%	0.202%
32	8.051	1018	1022	1024	rBV4	593	964	1.55%	0.220%
33	8.137	1028	1036	1045	rVV2	7131	18243	29.25%	4.167%
34	8.441	1081	1086	1087	rBV5	533	862	1.38%	0.197%
35	8.685	1120	1126	1134	rBV	23799	50364	80.74%	11.503%
36	8.899	1157	1161	1164	rBV3	579	982	1.57%	0.224%

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-05242024

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\82Y052224S.M
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37	8.966	1170	1172	1174	rBV3	911	929	1.49%	0.212%
38	9.051	1181	1186	1188	rVB4	788	992	1.59%	0.227%
39	9.130	1197	1199	1202	rVB2	839	870	1.39%	0.199%
40	9.173	1202	1206	1209	rBV3	902	1206	1.93%	0.275%
41	9.496	1256	1259	1262	rBV3	696	959	1.54%	0.219%
42	9.581	1271	1273	1275	rVB	1122	836	1.34%	0.191%
43	9.722	1291	1296	1299	rBV4	756	1292	2.07%	0.295%
44	9.911	1324	1327	1333	rBV5	505	1062	1.70%	0.243%
45	10.179	1363	1371	1381	rBV	34122	62376	100.00%	14.247%
46	10.368	1400	1402	1404	rBV2	640	815	1.31%	0.186%
47	10.459	1414	1417	1420	rVB3	895	1187	1.90%	0.271%
48	10.721	1453	1460	1462	rBV7	812	1409	2.26%	0.322%
49	10.904	1488	1490	1495	rBV3	937	1219	1.95%	0.278%
50	10.953	1495	1498	1501	rVV2	981	1206	1.93%	0.275%
51	11.039	1509	1512	1515	rVB2	961	911	1.46%	0.208%
52	11.313	1553	1557	1561	rBV3	1433	2039	3.27%	0.466%
53	11.410	1570	1573	1576	rBV3	601	844	1.35%	0.193%
54	11.490	1580	1586	1593	rBV	26876	47259	75.76%	10.794%
55	11.813	1635	1639	1641	rBV3	997	1070	1.72%	0.244%
56	11.898	1650	1653	1656	rBV	1168	1282	2.06%	0.293%
57	11.996	1665	1669	1673	rBV5	1059	1956	3.14%	0.447%
58	12.203	1700	1703	1706	rBV5	1492	1929	3.09%	0.441%
59	12.349	1722	1727	1728	rBV4	932	1138	1.82%	0.260%
60	12.483	1744	1749	1755	rVB3	16517	29504	47.30%	6.739%
61	12.715	1785	1787	1790	rVB2	814	935	1.50%	0.214%
62	12.813	1797	1803	1808	rVV6	2333	4300	6.89%	0.982%
63	12.861	1808	1811	1816	rVB5	1348	1820	2.92%	0.416%
64	12.965	1826	1828	1831	rBV4	927	815	1.31%	0.186%
65	13.117	1851	1853	1855	rBV3	958	1002	1.61%	0.229%
66	13.191	1862	1865	1869	rVB5	1631	2348	3.76%	0.536%
67	13.282	1879	1880	1882	rBV2	1666	1451	2.33%	0.331%
68	13.367	1892	1894	1898	rVB4	1224	1354	2.17%	0.309%
69	13.422	1898	1903	1911	rBV2	16063	29195	46.80%	6.668%
70	13.562	1921	1926	1928	rVB6	1298	2120	3.40%	0.484%
71	13.617	1932	1935	1939	rVB5	1228	1868	2.99%	0.427%
72	13.654	1939	1941	1945	rBV4	1342	2121	3.40%	0.484%
73	13.739	1951	1955	1961	rVB5	3616	6696	10.73%	1.529%
74	13.788	1961	1963	1965	rBV3	1050	959	1.54%	0.219%
75	13.904	1979	1982	1984	rBV4	885	1307	2.10%	0.299%
76	13.940	1986	1988	1991	rVV4	850	1072	1.72%	0.245%

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-05242024

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Title : SW846 8260

77	14.081	2006	2011	2014	rVB4	2240	3758	6.02%	0.858%
78	14.136	2017	2020	2021	rBV2	1574	1539	2.47%	0.352%
79	14.251	2036	2039	2045	rVV8	3312	4842	7.76%	1.106%
80	14.306	2045	2048	2049	rVB3	1042	960	1.54%	0.219%
81	14.367	2056	2058	2060	rBV3	1394	936	1.50%	0.214%
82	14.416	2063	2066	2072	rVB5	2565	3585	5.75%	0.819%
83	14.599	2094	2096	2098	rBV2	829	957	1.53%	0.219%
84	14.684	2104	2110	2115	rVB7	3596	7185	11.52%	1.641%
85	14.727	2115	2117	2118	rBV	1420	1134	1.82%	0.259%
86	14.843	2130	2136	2139	rVB8	1509	2354	3.77%	0.538%
87	14.928	2145	2150	2151	rBV3	1311	1870	3.00%	0.427%
88	14.946	2151	2153	2155	rVB3	1647	1334	2.14%	0.305%
89	14.977	2155	2158	2160	rBV3	1184	1243	1.99%	0.284%
90	15.117	2179	2181	2183	rBV2	886	873	1.40%	0.199%
91	15.184	2190	2192	2194	rVB	1072	827	1.33%	0.189%
92	15.202	2194	2195	2197	rBV	968	910	1.46%	0.208%
93	15.391	2225	2226	2229	rVB3	1401	1258	2.02%	0.287%
94	15.458	2236	2237	2240	rVB3	1559	1205	1.93%	0.275%
95	15.489	2240	2242	2244	rBV2	882	1048	1.68%	0.239%
96	15.635	2265	2266	2270	rVB4	1052	1057	1.69%	0.241%
97	15.678	2270	2273	2274	rBV2	1276	992	1.59%	0.227%
98	15.727	2277	2281	2283	rVV4	969	1288	2.06%	0.294%
99	16.294	2369	2374	2376	rBV4	964	1435	2.30%	0.328%
100	16.684	2437	2438	2442	rVB4	789	864	1.39%	0.197%

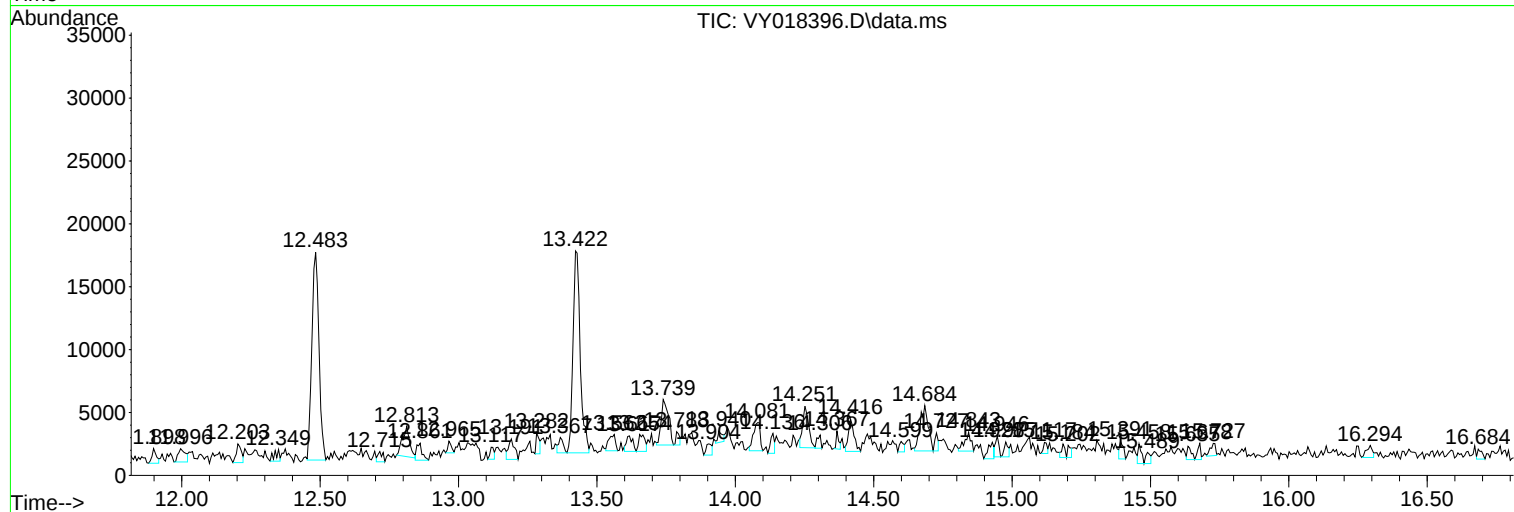
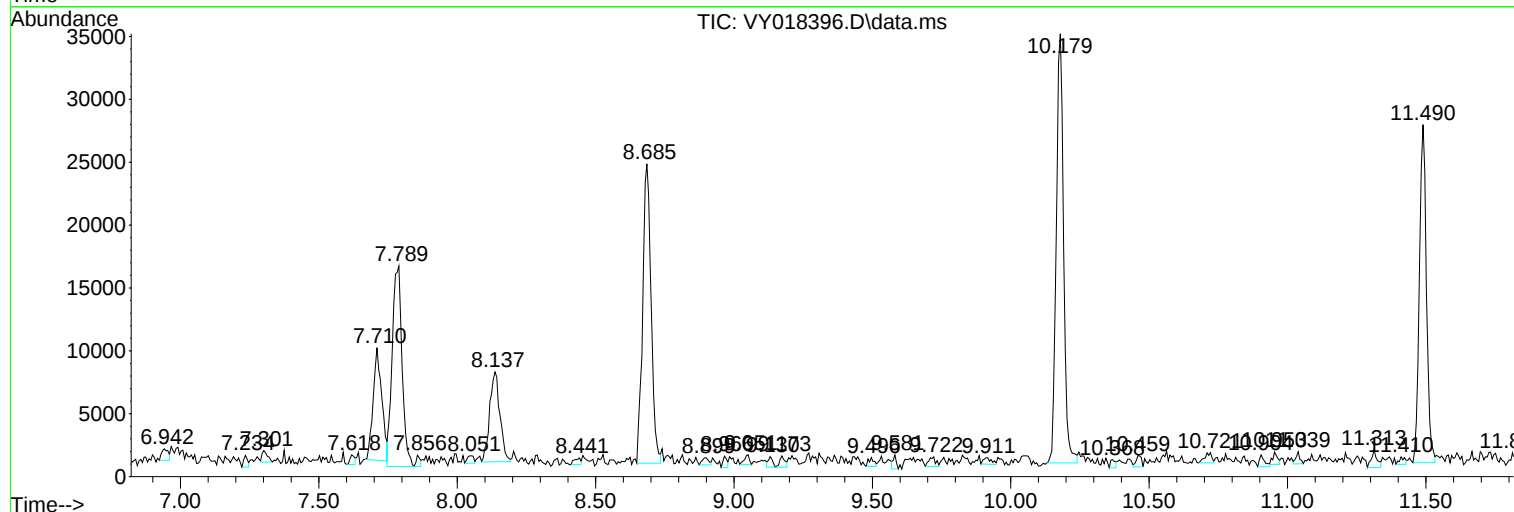
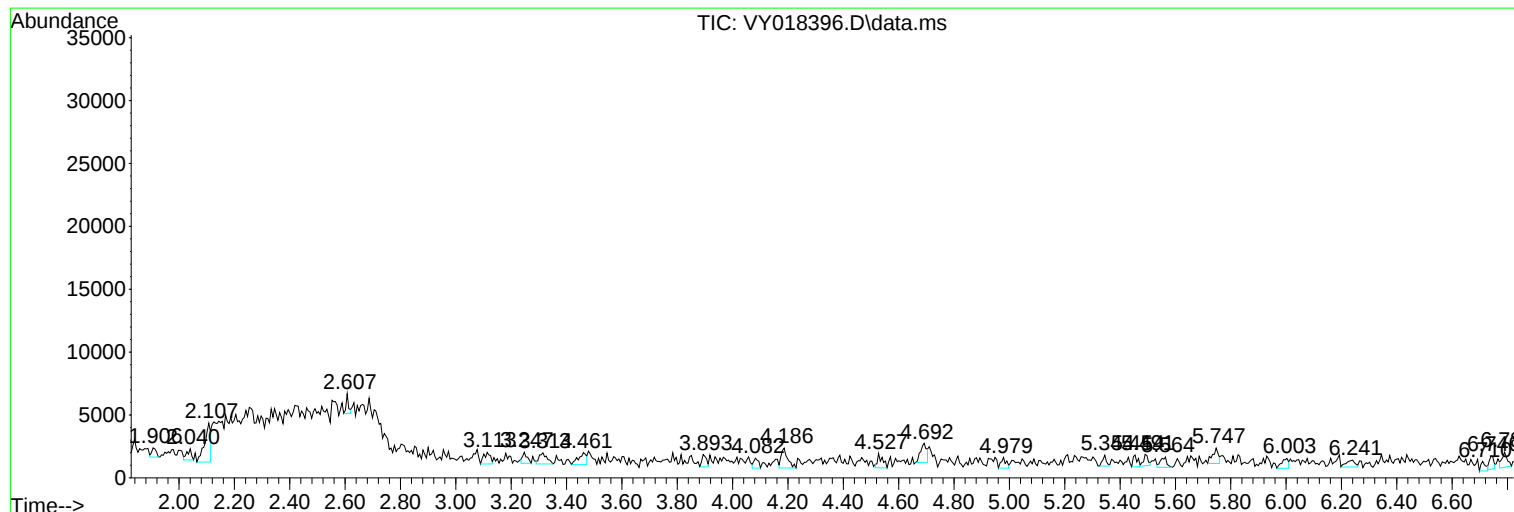
Sum of corrected areas: 437829

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018396.D
Acq On : 29 May 2024 13:52
Operator : SY/MD
Sample : P2610-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260

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



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Acq On : 29 May 2024 13:52
Operator : SY/MD
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Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024

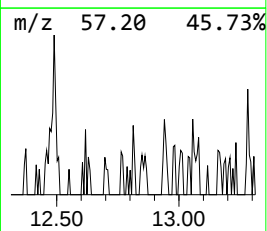
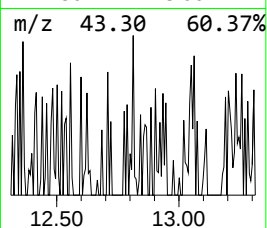
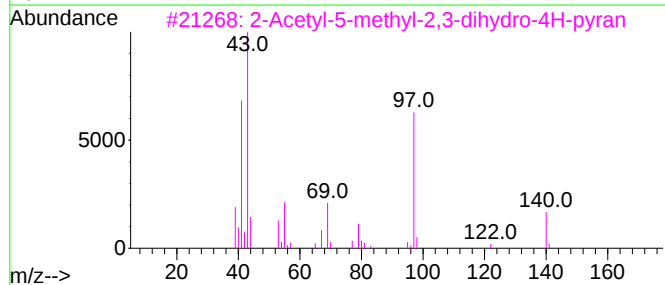
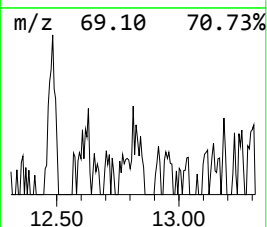
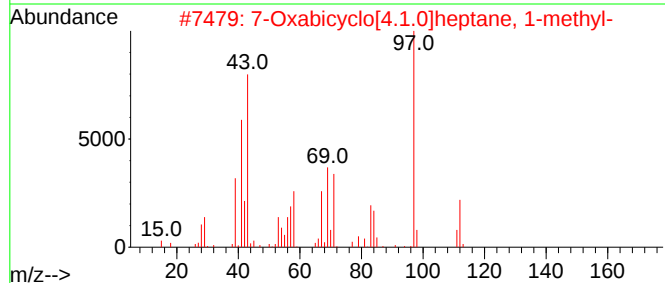
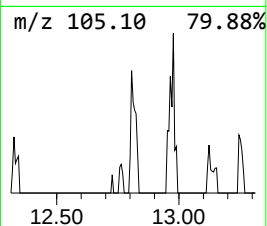
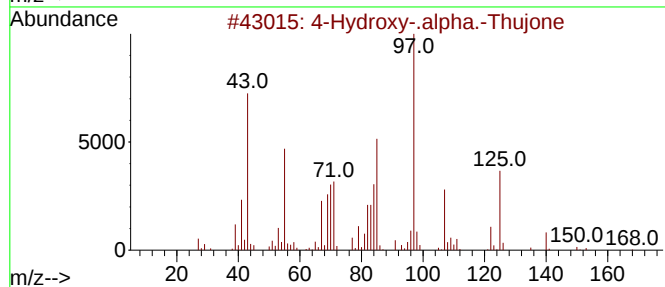
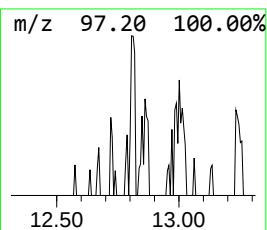
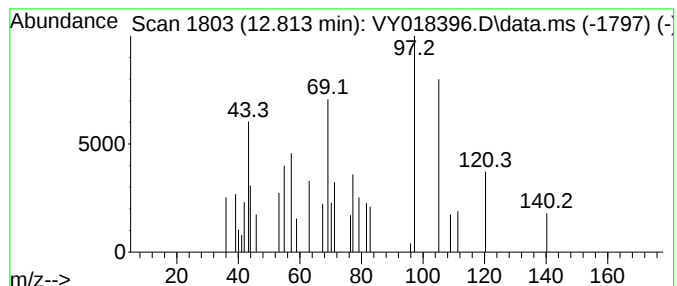
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.813 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.813	7.36 ug/l	4300	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hydroxy-.alpha.-Thujone	168	C10H16O2	158612-68-1	32
2			7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	25
3			2-Acetyl-5-methyl-2,3-dihydro-4H...	140	C8H12O2	1000288-90-9	17
4			Cyclopentanecarboxylic acid, 2,2...	184	C11H20O2	1000282-42-6	12
5			2-Butyne-1,4-diamine, N,N'-diethyl-	140	C8H16N2	000112-22-1	12



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Sample : P2610-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024

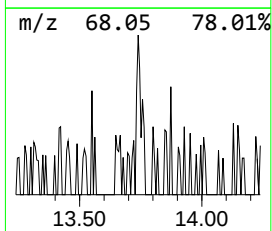
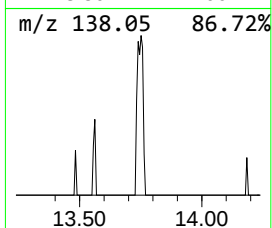
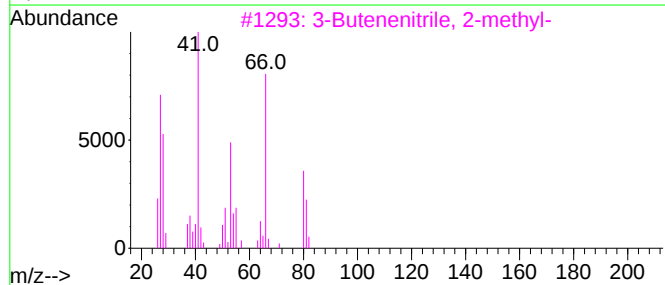
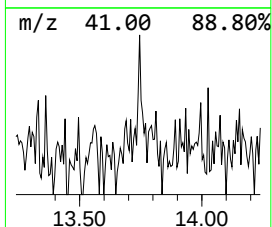
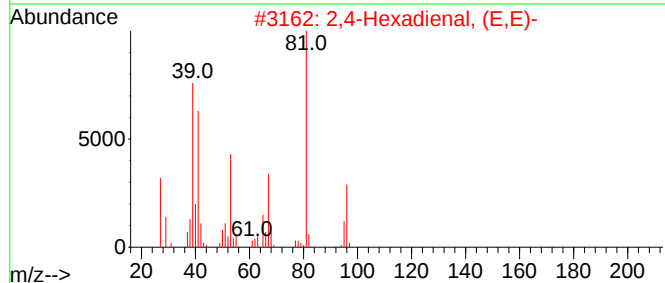
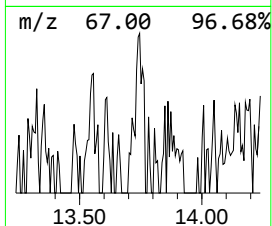
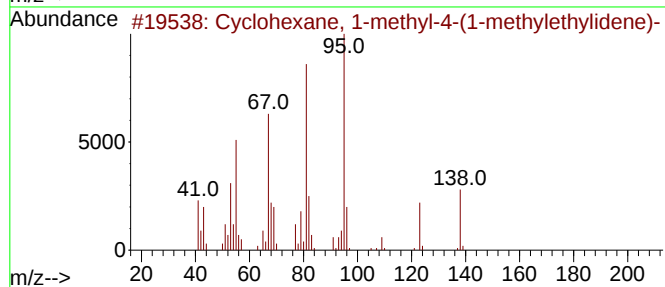
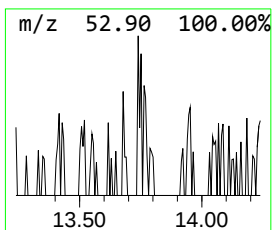
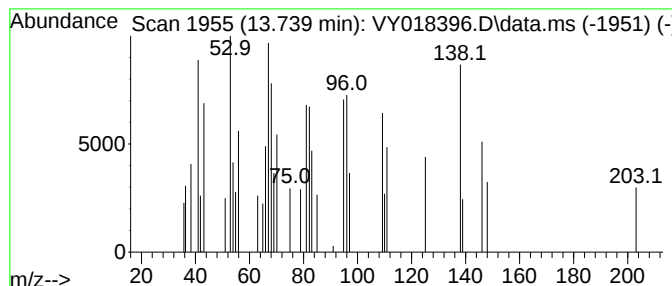
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown13.739 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	11.47 ug/l	6696	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	43
2			2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	43
3			3-Butenenitrile, 2-methyl-	81	C5H7N	016529-56-9	38
4			3-Octyne	110	C8H14	015232-76-5	35
5			1,2-Pentadiene	68	C5H8	000591-95-7	30



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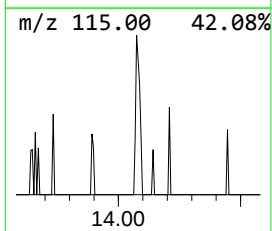
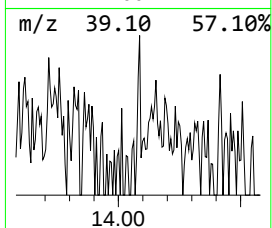
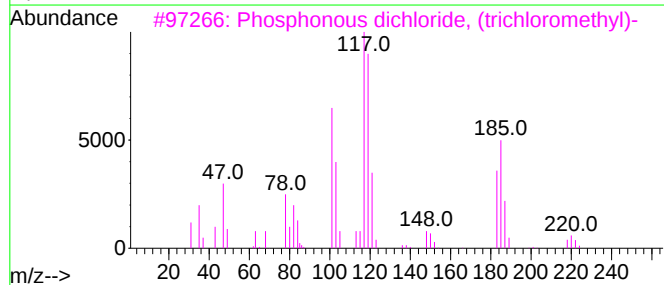
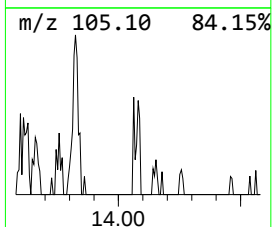
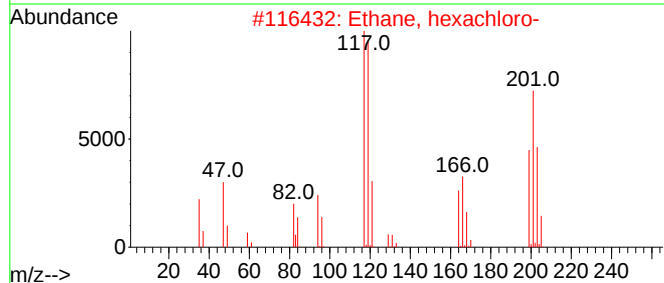
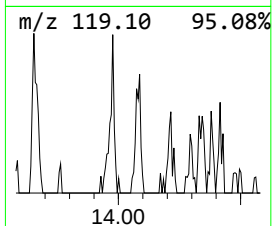
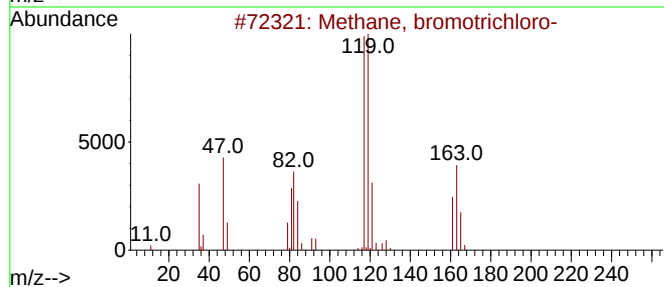
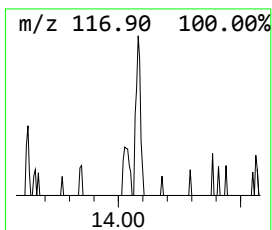
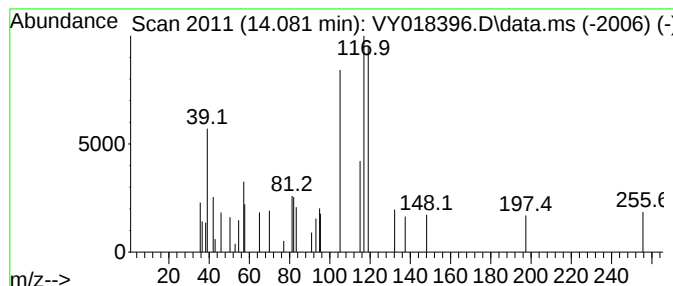
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Quant Title : SW846 8260

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

Peak Number 4 unknown14.081 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	6.44 ug/l	3758	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, bromotrichloro-	196	CBrCl3	000075-62-7	40
2			Ethane, hexachloro-	234	C2Cl6	000067-72-1	40
3			Phosphonous dichloride, (trichlo...	218	CCl5P	003582-11-4	40
4			Trichloronitromethane	163	CCl3NO2	000076-06-2	17
5			Indan, 1-methyl-	132	C10H12	000767-58-8	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018396.D
Acq On : 29 May 2024 13:52
Operator : SY/MD
Sample : P2610-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024

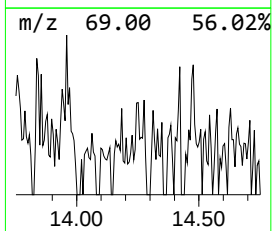
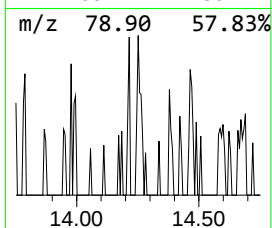
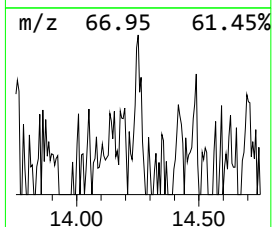
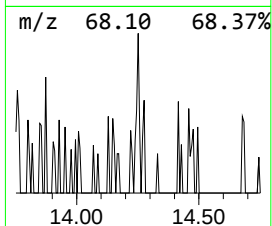
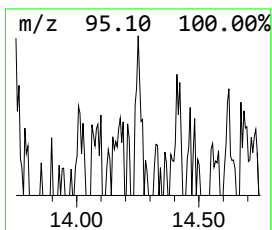
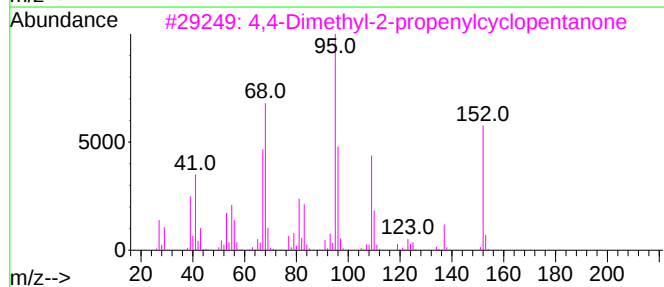
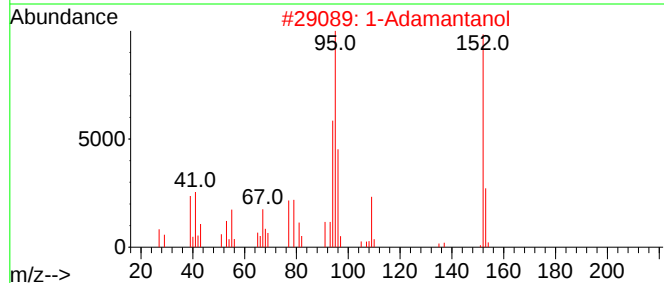
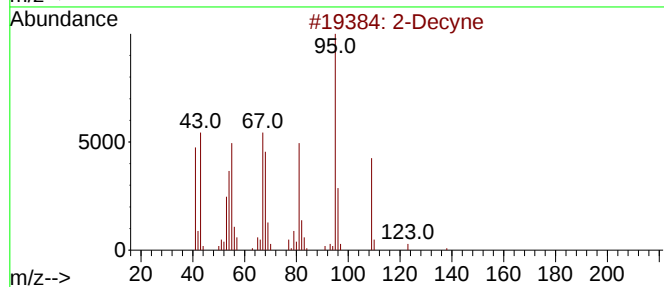
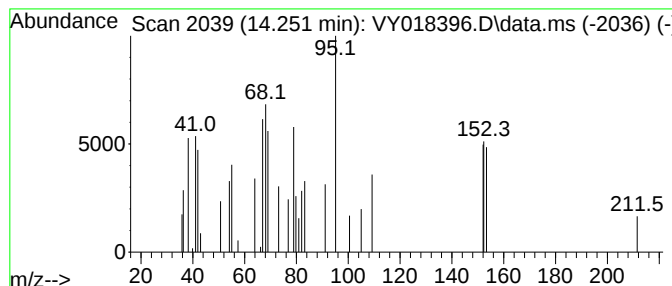
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.251 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	8.29 ug/l	4842	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decyne	138	C10H18	002384-70-5	35
2			1-Adamantanol	152	C10H16O	000768-95-6	27
3			4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	27
4			2-Dodecyne	166	C12H22	000629-49-2	12
5			9-Oxabicyclo[6.1.0]non-3-ene	124	C8H12O	038202-42-5	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018396.D
Acq On : 29 May 2024 13:52
Operator : SY/MD
Sample : P2610-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024

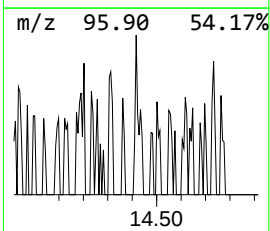
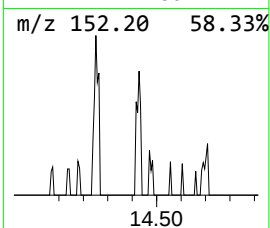
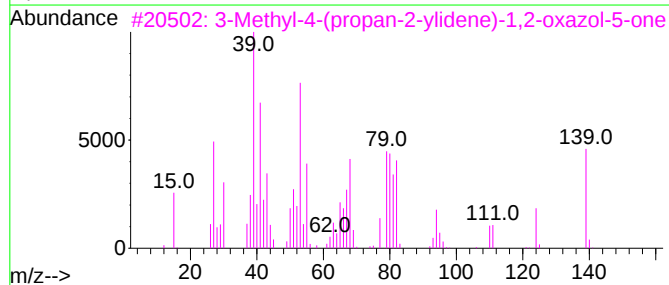
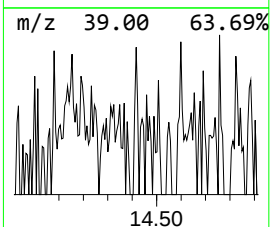
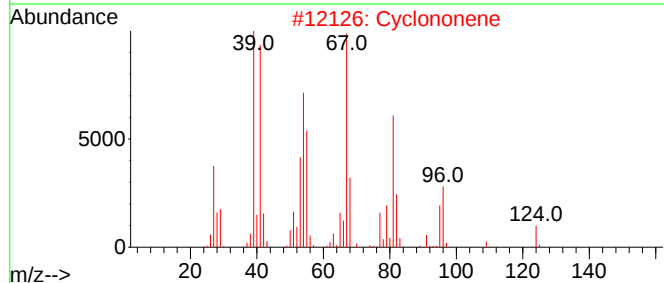
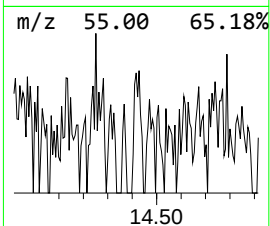
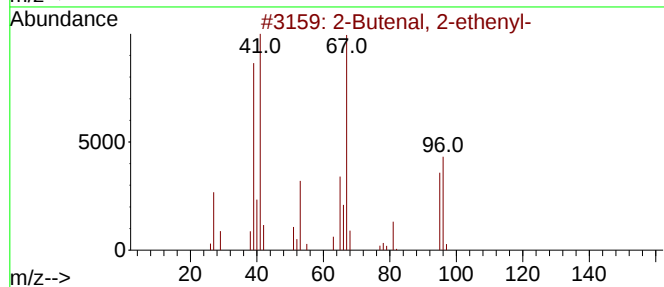
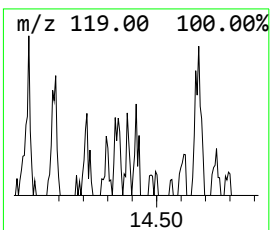
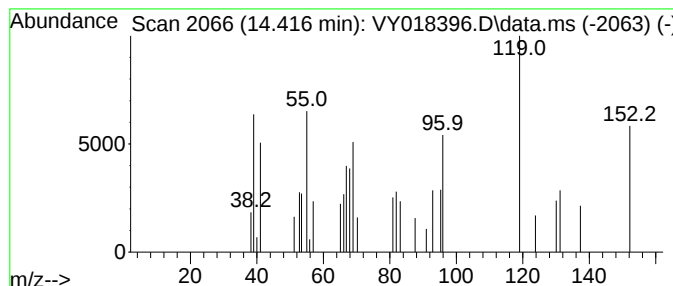
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.416 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	6.14 ug/l	3585	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butenal, 2-ethenyl-	96	C6H8O	020521-42-0	43
2			Cyclononene	124	C9H16	003618-11-9	25
3			3-Methyl-4-(propan-2-ylidene)-1,...	139	C7H9NO2	017975-59-6	22
4			1-Silacyclohexa-2,5-diene	96	C5H8Si	081200-77-3	22
5			2-Butynedioic acid, di-2-propeny...	194	C10H10O4	014447-07-5	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018396.D
Acq On : 29 May 2024 13:52
Operator : SY/MD
Sample : P2610-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024

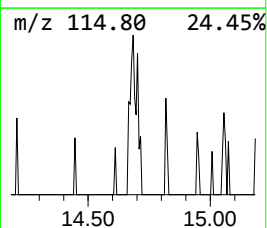
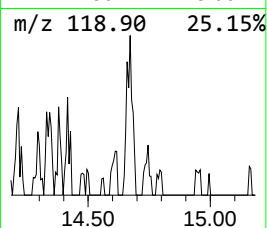
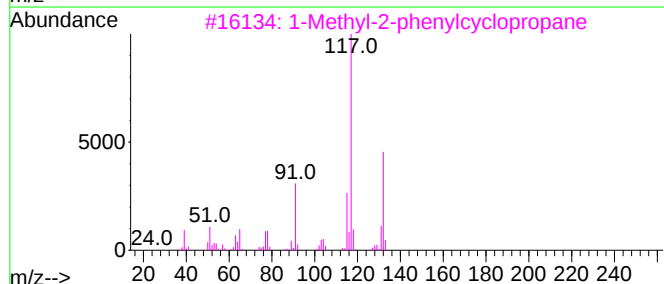
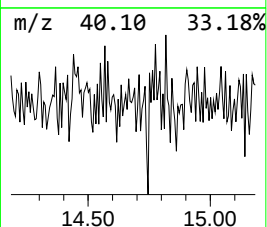
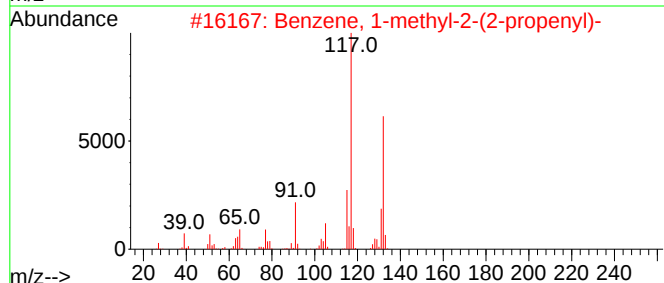
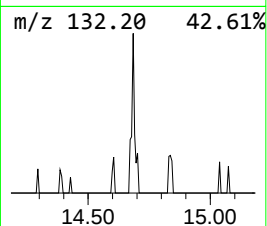
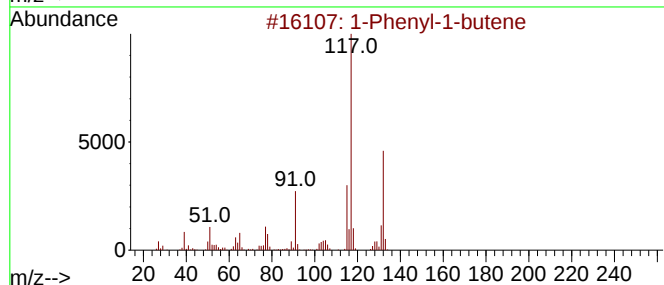
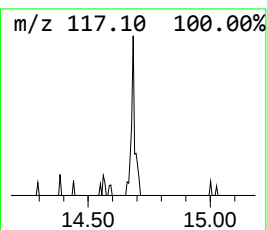
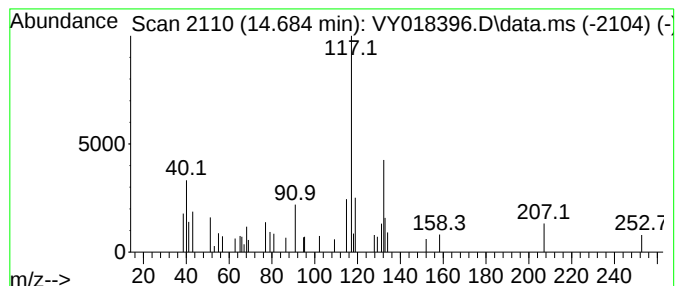
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260

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

Peak Number 7 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	12.31 ug/l	7185	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	62
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	58
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	58
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018396.D
Acq On : 29 May 2024 13:52
Operator : SY/MD
Sample : P2610-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.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
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unknown13.739	13.739	11.5	ug/l	6696	4	13.428	29195	50.0
unknown14.081	14.081	6.4	ug/l	3758	4	13.428	29195	50.0
unknown14.251	14.251	8.3	ug/l	4842	4	13.428	29195	50.0
unknown14.416	14.416	6.1	ug/l	3585	4	13.428	29195	50.0
1-Phenyl-1-butene	14.684	12.3	ug/l	7185	4	13.428	29195	50.0