

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014810.D
 Acq On : 25 Jul 2023 18:31
 Operator : SY/MD
 Sample : 03733-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-6-072423

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014810.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	466	475	486	rBV	8069	22694	2.50%	0.321%
2	5.753	634	645	655	rBV3	7665	24371	2.68%	0.345%
3	6.984	835	847	861	rBV	42896	138288	15.23%	1.959%
4	7.716	957	967	973	rBV	127483	306156	33.71%	4.337%
5	7.789	973	979	990	rVB	207371	477409	52.56%	6.763%
6	8.143	1021	1037	1048	rBV	136863	312115	34.36%	4.421%
7	8.685	1117	1126	1139	rBV	330648	657641	72.41%	9.316%
8	10.179	1362	1371	1381	rBV	535498	908280	100.00%	12.866%
9	10.575	1429	1436	1444	rBV	38829	69738	7.68%	0.988%
10	10.947	1490	1497	1505	rBV	30009	53286	5.87%	0.755%
11	11.319	1553	1558	1564	rVB	6801	10419	1.15%	0.148%
12	11.489	1578	1586	1596	rBV	519363	830463	91.43%	11.764%
13	12.477	1742	1748	1760	rVB	422736	692293	76.22%	9.807%
14	12.733	1783	1790	1793	rBV2	11337	19709	2.17%	0.279%
15	12.770	1793	1796	1798	rVV3	7748	12631	1.39%	0.179%
16	12.812	1798	1803	1807	rVV5	19819	39066	4.30%	0.553%
17	12.855	1807	1810	1815	rVB5	6391	10061	1.11%	0.143%
18	12.971	1822	1829	1832	rBV2	7576	14657	1.61%	0.208%
19	13.038	1836	1840	1847	rVB2	15962	25241	2.78%	0.358%
20	13.117	1847	1853	1858	rBV	17902	31687	3.49%	0.449%
21	13.178	1858	1863	1866	rBV5	5670	10631	1.17%	0.151%
22	13.312	1878	1885	1890	rBV6	20089	42621	4.69%	0.604%
23	13.422	1897	1903	1913	rBV	542974	837696	92.23%	11.866%
24	13.623	1928	1936	1939	rBV2	26096	44276	4.87%	0.627%
25	13.666	1939	1943	1946	rVV3	14952	21696	2.39%	0.307%
26	13.745	1951	1956	1961	rBV3	25376	45469	5.01%	0.644%
27	13.794	1961	1964	1966	rVV3	8499	13894	1.53%	0.197%
28	13.824	1966	1969	1975	rVV2	12853	30082	3.31%	0.426%
29	13.885	1976	1979	1981	rVV	9348	14994	1.65%	0.212%
30	13.910	1981	1983	1988	rVV3	16603	28785	3.17%	0.408%
31	13.965	1988	1992	1997	rVV3	35095	58516	6.44%	0.829%
32	14.013	1997	2000	2005	rVB4	8616	12940	1.42%	0.183%
33	14.074	2005	2010	2015	rBV3	31888	53053	5.84%	0.752%
34	14.141	2015	2021	2027	rBV6	11361	30184	3.32%	0.428%
35	14.202	2027	2031	2035	rVV5	10711	20252	2.23%	0.287%
36	14.251	2035	2039	2044	rVV5	32416	59113	6.51%	0.837%

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37	14.294	2044	2046	2049	rVV3	12627	15531	1.71%	0.220%
38	14.337	2049	2053	2056	rVV	16706	22773	2.51%	0.323%
39	14.379	2056	2060	2063	rVV2	14746	20256	2.23%	0.287%
40	14.416	2063	2066	2070	rVV	25416	35345	3.89%	0.501%
41	14.477	2072	2076	2079	rVV6	12529	21419	2.36%	0.303%
42	14.519	2080	2083	2086	rVV	15587	21571	2.37%	0.306%
43	14.562	2086	2090	2095	rVV2	19440	40469	4.46%	0.573%
44	14.611	2095	2098	2102	rVV3	19726	28434	3.13%	0.403%
45	14.678	2103	2109	2115	rVV4	56219	123845	13.64%	1.754%
46	14.733	2115	2118	2124	rVB4	21205	34544	3.80%	0.489%
47	14.830	2129	2134	2139	rVB	36304	59447	6.55%	0.842%
48	14.940	2147	2152	2156	rBV4	24120	37381	4.12%	0.530%
49	14.977	2156	2158	2164	rVV2	11410	14499	1.60%	0.205%
50	15.056	2165	2171	2178	rVB3	23581	52744	5.81%	0.747%
51	15.208	2191	2196	2200	rBV8	7139	15514	1.71%	0.220%
52	15.294	2205	2210	2216	rBV3	26355	67867	7.47%	0.961%
53	15.434	2230	2233	2240	rVB7	9408	18817	2.07%	0.267%
54	15.525	2241	2248	2255	rVV4	16068	36274	3.99%	0.514%
55	15.598	2256	2260	2265	rVB6	7023	11570	1.27%	0.164%
56	15.690	2266	2275	2276	rBV4	16207	34931	3.85%	0.495%
57	15.727	2276	2281	2289	rVB	46651	84737	9.33%	1.200%
58	15.812	2292	2295	2300	rVB6	6712	10943	1.20%	0.155%
59	15.891	2301	2308	2314	rVV4	10900	24175	2.66%	0.342%
60	16.031	2324	2331	2339	rBV2	34381	72022	7.93%	1.020%
61	16.226	2355	2363	2369	rBV3	30407	65176	7.18%	0.923%
62	16.293	2369	2374	2386	rVB5	14074	40416	4.45%	0.573%
63	16.489	2398	2406	2412	rBV5	10023	31300	3.45%	0.443%
64	16.550	2412	2416	2420	rVV7	6933	12564	1.38%	0.178%
65	16.623	2422	2428	2436	rVB5	9620	24489	2.70%	0.347%

Sum of corrected areas: 7059460

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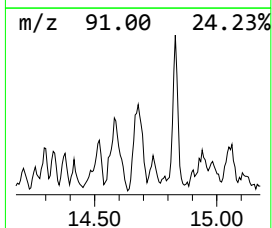
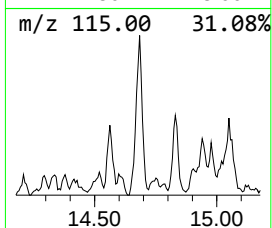
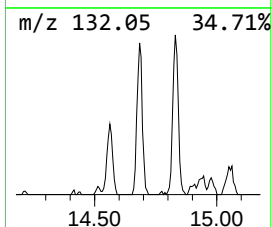
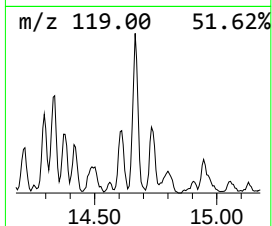
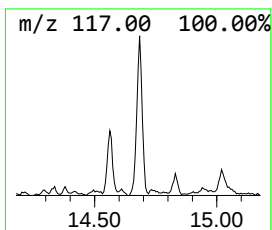
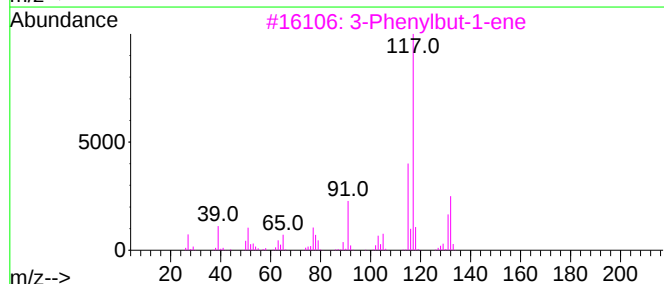
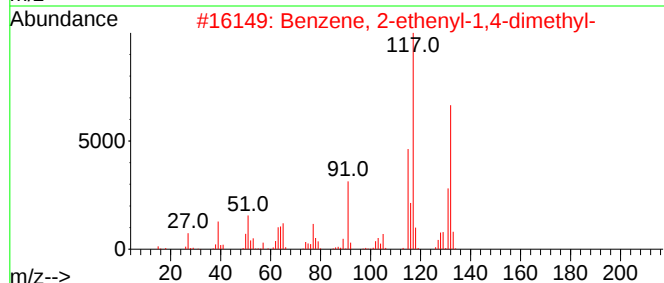
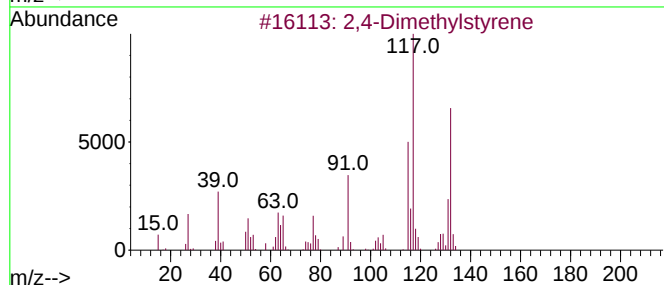
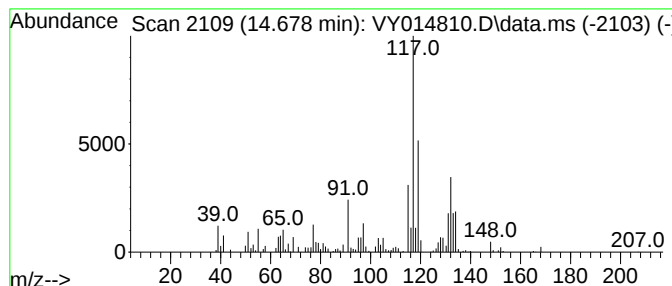
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 2 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	7.39 ug/l	123845	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70



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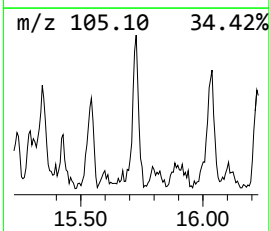
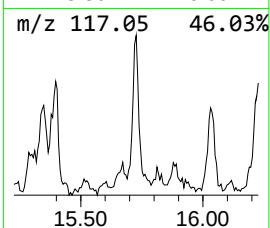
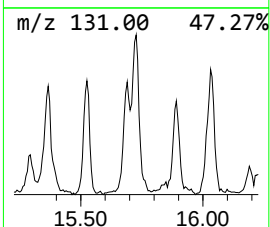
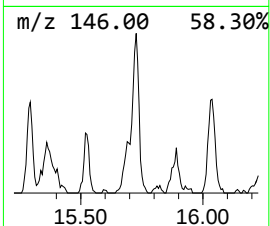
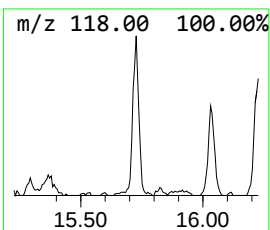
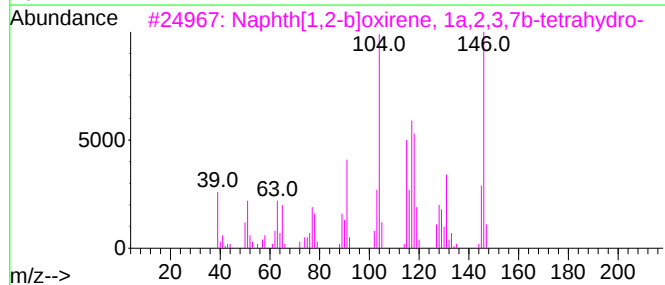
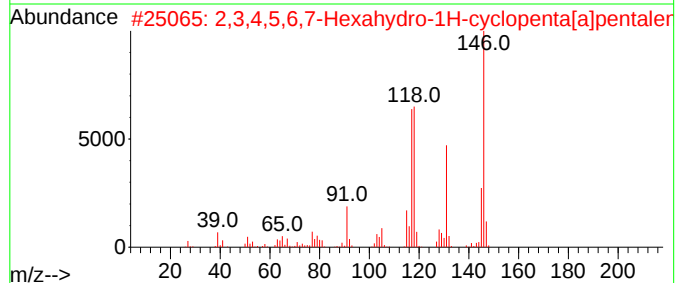
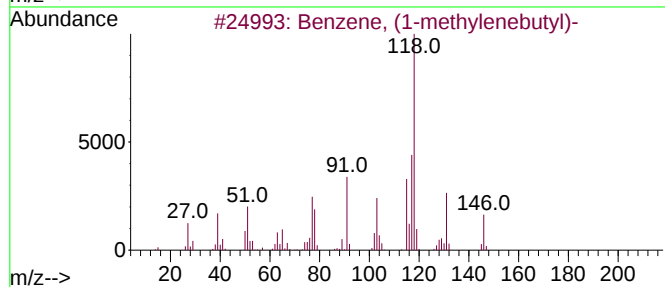
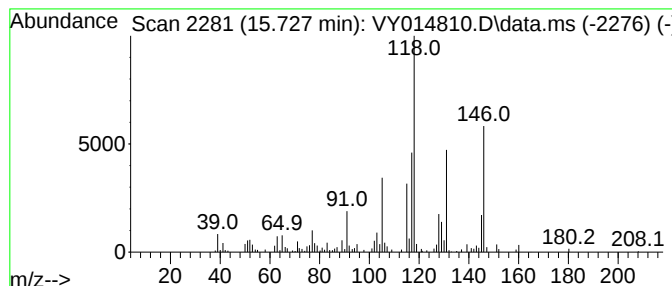
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, (1-methylenebutyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	5.06 ug/l	84737	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	80
2			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	64
3			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43
4			7-Methylindan-1-one	146	C10H10O	039627-61-7	41
5			1,4-Epoxy-naphthalene, 1,2,3,4-te...	146	C10H10O	035185-96-7	38



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4-Dimethylsty...	14.678	7.4	ug/l	123845	4	13.422	837696	50.0
Benzene, (1-met...	15.727	5.1	ug/l	84737	4	13.422	837696	50.0