

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071484.D
 Acq On : 27 Dec 2021 14:47
 Operator : VA/SY
 Sample : M5189-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-122121

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_D\Method\82D122221S.M
 Title : SW846 8260

Signal : TIC: VD071484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	505	518	531	rBV2	40758	136474	7.10%	1.082%
2	5.991	683	692	703	rBV5	14016	39810	2.07%	0.316%
3	7.908	1008	1018	1023	rBV	263818	622145	32.37%	4.931%
4	7.973	1023	1029	1039	rVB	446802	1001984	52.14%	7.941%
5	8.326	1075	1089	1099	rVB	261122	633557	32.97%	5.021%
6	8.855	1171	1179	1191	rBV	667307	1358924	70.71%	10.770%
7	10.332	1421	1430	1438	rBV	1065678	1921808	100.00%	15.231%
8	10.714	1490	1495	1501	rVB3	15415	24428	1.27%	0.194%
9	11.073	1551	1556	1563	rVB5	14239	25133	1.31%	0.199%
10	11.449	1614	1620	1627	rBV3	17288	29775	1.55%	0.236%
11	11.638	1645	1652	1664	rBV	983276	1720389	89.52%	13.635%
12	12.149	1730	1739	1744	rBV7	8719	26183	1.36%	0.208%
13	12.373	1769	1777	1784	rVB8	9976	28646	1.49%	0.227%
14	12.620	1812	1819	1828	rBV	794643	1319062	68.64%	10.454%
15	12.790	1843	1848	1854	rVB8	11015	24291	1.26%	0.193%
16	12.949	1869	1875	1880	rVV7	25536	51562	2.68%	0.409%
17	13.108	1894	1902	1910	rBV4	14574	42324	2.20%	0.335%
18	13.449	1953	1960	1965	rBV9	22073	45394	2.36%	0.360%
19	13.561	1973	1979	1989	rVB	980708	1648241	85.77%	13.063%
20	13.796	2015	2019	2025	rVB4	22423	38233	1.99%	0.303%
21	13.885	2029	2034	2039	rBV3	44531	75682	3.94%	0.600%
22	14.102	2067	2071	2077	rVB4	29666	50079	2.61%	0.397%
23	14.214	2085	2090	2095	rBV5	39527	61689	3.21%	0.489%
24	14.273	2095	2100	2106	rVV9	10145	22880	1.19%	0.181%
25	14.349	2108	2113	2115	rVV5	12565	22857	1.19%	0.181%
26	14.390	2115	2120	2126	rVV8	32479	73466	3.82%	0.582%
27	14.467	2130	2133	2137	rVV2	24934	34211	1.78%	0.271%
28	14.508	2137	2140	2144	rVV4	19255	25812	1.34%	0.205%
29	14.555	2144	2148	2154	rVB6	26050	44185	2.30%	0.350%
30	14.649	2161	2164	2168	rVB4	18066	23053	1.20%	0.183%
31	14.702	2168	2173	2177	rBV6	15380	34076	1.77%	0.270%
32	14.743	2177	2180	2185	rVB7	33417	50465	2.63%	0.400%
33	14.820	2185	2193	2198	rBV6	75772	186615	9.71%	1.479%
34	14.867	2198	2201	2207	rVB6	27208	50923	2.65%	0.404%
35	14.973	2213	2219	2227	rVB3	48258	88979	4.63%	0.705%
36	15.084	2227	2238	2242	rBV7	34424	80382	4.18%	0.637%

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Title : SW846 8260

37	15.120	2242	2244	2250	rVV5	19841	35532	1.85%	0.282%
38	15.202	2250	2258	2263	rVB3	35948	86896	4.52%	0.689%
39	15.349	2278	2283	2286	rBV7	20652	31481	1.64%	0.249%
40	15.443	2294	2299	2305	rBV3	40050	80966	4.21%	0.642%
41	15.584	2320	2323	2332	rVB8	27062	53088	2.76%	0.421%
42	15.684	2332	2340	2348	rBV6	29791	78804	4.10%	0.625%
43	15.849	2359	2368	2370	rBV9	21079	45471	2.37%	0.360%
44	15.896	2370	2376	2382	rVB4	65339	136302	7.09%	1.080%
45	16.055	2396	2403	2409	rBV7	18449	44350	2.31%	0.351%
46	16.214	2419	2430	2437	rBV5	54374	139602	7.26%	1.106%
47	16.414	2456	2464	2469	rBV3	48400	107958	5.62%	0.856%
48	16.478	2471	2475	2481	rBV6	19052	29676	1.54%	0.235%
49	16.690	2503	2511	2516	rBV10	19309	60721	3.16%	0.481%
50	16.743	2518	2520	2525	rVB6	15561	23180	1.21%	0.184%

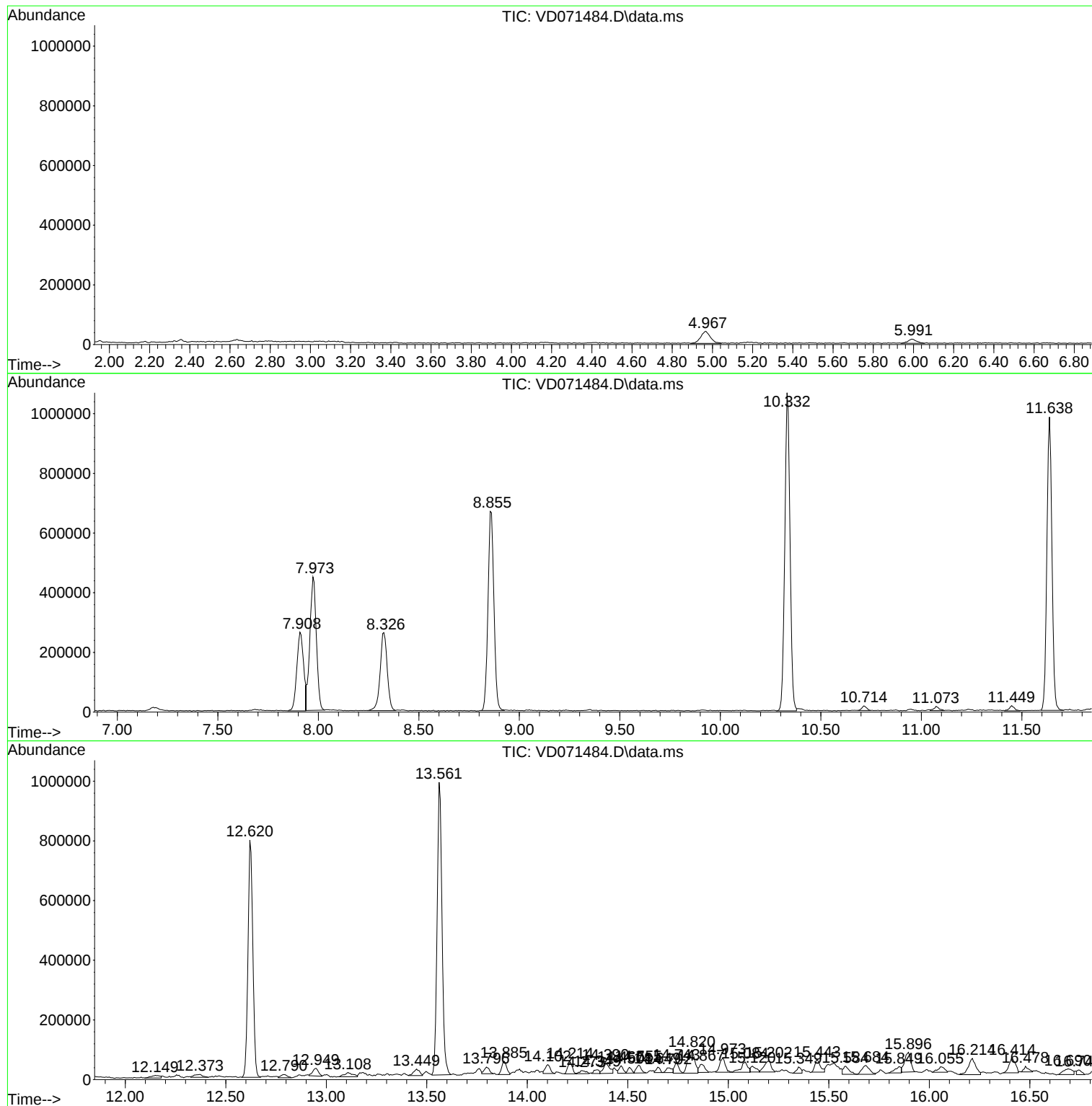
Sum of corrected areas: 12617744

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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



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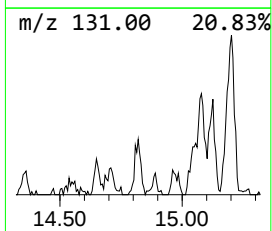
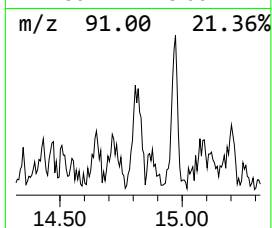
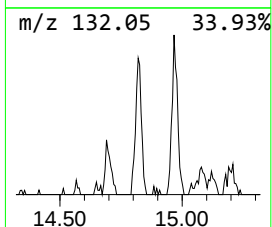
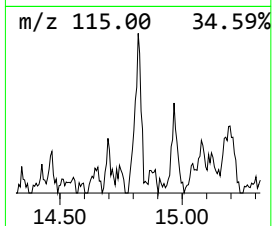
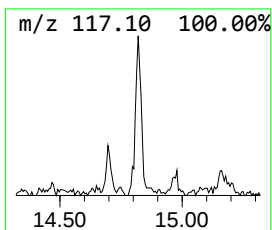
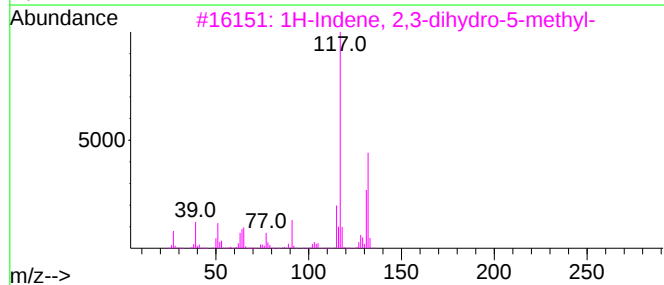
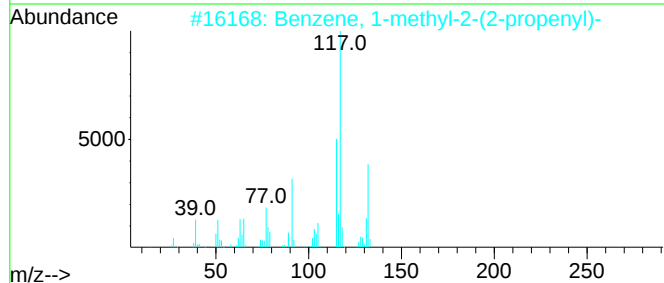
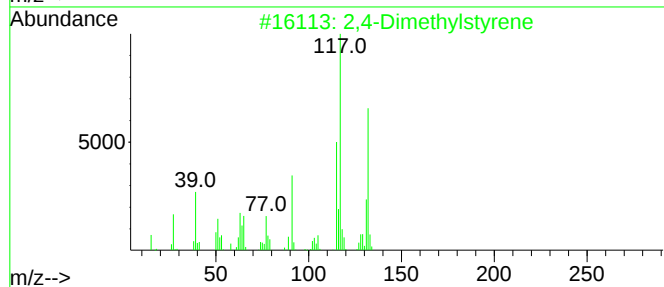
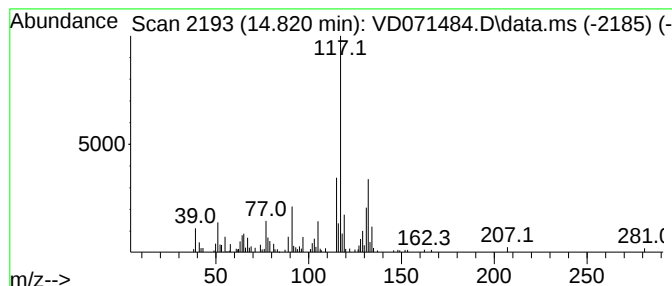
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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.
14.820	5.66 ug/l	186615	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4-Dimethylsty...	14.820	5.7	ug/l	186615	4	13.561	1648240	50.0