LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
Data File : VU043614.D
Acq On : 07 May 2021 15:54
Operator : SY/MD
Sample : M2304-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OWL-C5-GW

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_U\Method\82U050621W.M
Title : SW846 8260

Signal : TIC: VU043614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	101	108	119	rVB	12868	15727	1.80%	0.293%
2	1.780	124	137	147	rBV9	5401	10374	1.19%	0.193%
3	2.629	389	401	419	rBV	11736	20625	2.36%	0.384%
4	5.298	1215	1231	1244	rBV	138502	291163	33.33%	5.416%
5	5.382	1244	1257	1274	rVB	192388	395624	45.28%	7.360%
6	5.710	1344	1359	1379	rBV	168674	339381	38.85%	6.313%
7	6.256	1515	1529	1555	rBV	308063	576094	65.94%	10.717%
8	7.906	2022	2042	2061	rBV	508754	873676	100.00%	16.253%
9	9.423	2501	2514	2530	rBV	444828	726962	83.21%	13.523%
10	10.037	2693	2705	2712	rBV7	4498	8861	1.01%	0.165%
11	10.278	2775	2780	2790	rVB5	6330	10225	1.17%	0.190%
12	10.362	2795	2806	2827	rVB5	7748	22550	2.58%	0.419%
13	10.491	2832	2846	2855	rBV2	20036	29940	3.43%	0.557%
14	10.639	2880	2892	2905	rBV	369206	587826	67.28%	10.935%
15	10.819	2937	2948	2958	rVB8	8475	15541	1.78%	0.289%
16	10.912	2967	2977	2986	rBV	18002	27836	3.19%	0.518%
17	11.311	3088	3101	3115	rBV	6263	14336	1.64%	0.267%
18	11.613	3189	3195	3199	rBV5	6873	8826	1.01%	0.164%
19	11.648	3199	3206	3217	rVB	25920	40738	4.66%	0.758%
20	11.819	3247	3259	3274	rBV	443586	697996	79.89%	12.985%
21	12.105	3340	3348	3357	rVB3	11888	17428	1.99%	0.324%
22	12.192	3366	3375	3378	rBV5	12881	18985	2.17%	0.353%
23	12.307	3400	3411	3421	rBV6	7244	14258	1.63%	0.265%
24	12.725	3533	3541	3550	rVB5	8330	15481	1.77%	0.288%
25	12.844	3568	3578	3595	rVB7	11556	24829	2.84%	0.462%
26	12.944	3600	3609	3618	rBV10	9712	19052	2.18%	0.354%
27	13.063	3639	3646	3653	rBV6	7465	9779	1.12%	0.182%
28	13.114	3653	3662	3673	rVB4	11639	19462	2.23%	0.362%
29	13.265	3702	3709	3721	rVB4	9756	14331	1.64%	0.267%
30	13.462	3760	3770	3786	rBV10	10799	23837	2.73%	0.443%
31	13.606	3804	3815	3820	rBV5	7134	13256	1.52%	0.247%
32	13.970	3917	3928	3933	rBV8	5107	9340	1.07%	0.174%
33	14.044	3946	3951	3966	rVV8	4151	9727	1.11%	0.181%
34	14.198	3987	3999	4012	rVV2	31354	50361	5.76%	0.937%
35	14.294	4013	4029	4042	rVB7	18328	42727	4.89%	0.795%
36	14.529	4097	4102	4109	rVB7	8150	10330	1.18%	0.192%

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Title : SW846 8260

37	15.024	4249	4256	4263	rBV7	8399	12735	1.46%	0.237%
38	15.214	4306	4315	4325	rBV6	14885	26825	3.07%	0.499%
39	15.278	4327	4335	4345	rVB6	15852	26610	3.05%	0.495%
40	15.516	4403	4409	4418	rVB6	6377	11296	1.29%	0.210%
41	15.986	4549	4555	4560	rBV4	7903	9503	1.09%	0.177%
42	16.024	4561	4567	4573	rVB6	8061	10611	1.21%	0.197%
43	16.156	4600	4608	4614	rBV4	11345	19107	2.19%	0.355%
44	16.269	4633	4643	4654	rBV	40231	71112	8.14%	1.323%
45	16.413	4679	4688	4703	rVB3	44362	74705	8.55%	1.390%
46	16.651	4744	4762	4774	rBV4	24582	55629	6.37%	1.035%
47	16.793	4799	4806	4816	rBV3	13293	19515	2.23%	0.363%
48	17.548	5033	5041	5049	rVB5	6758	10446	1.20%	0.194%

Sum of corrected areas: 5375578

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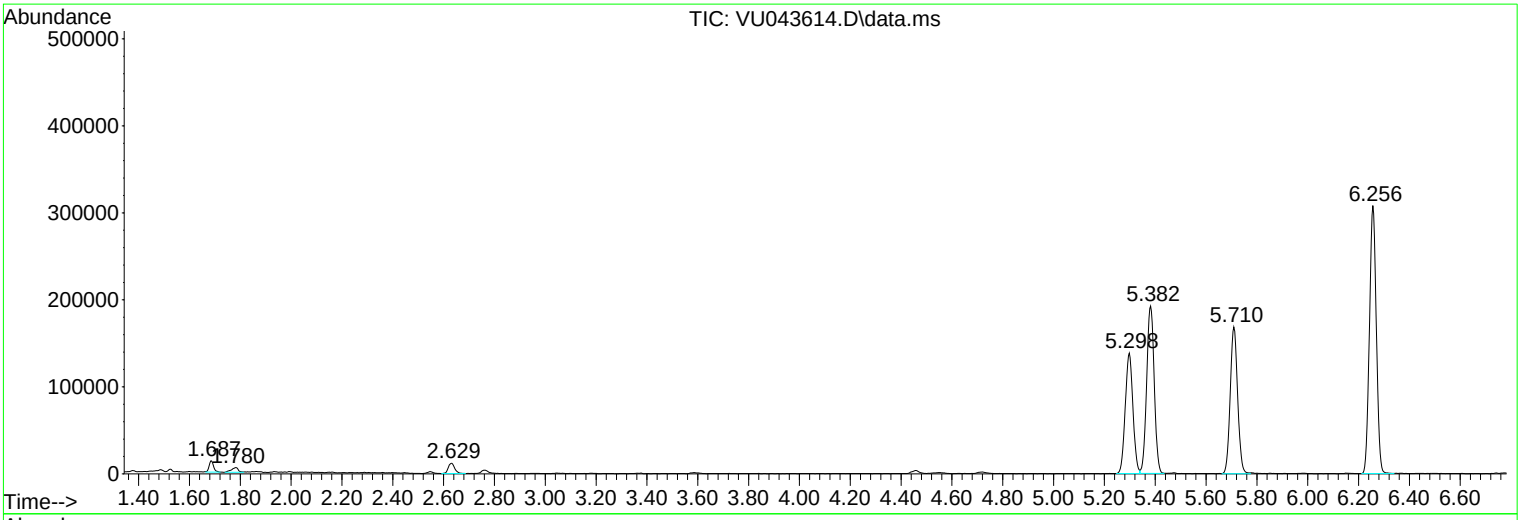
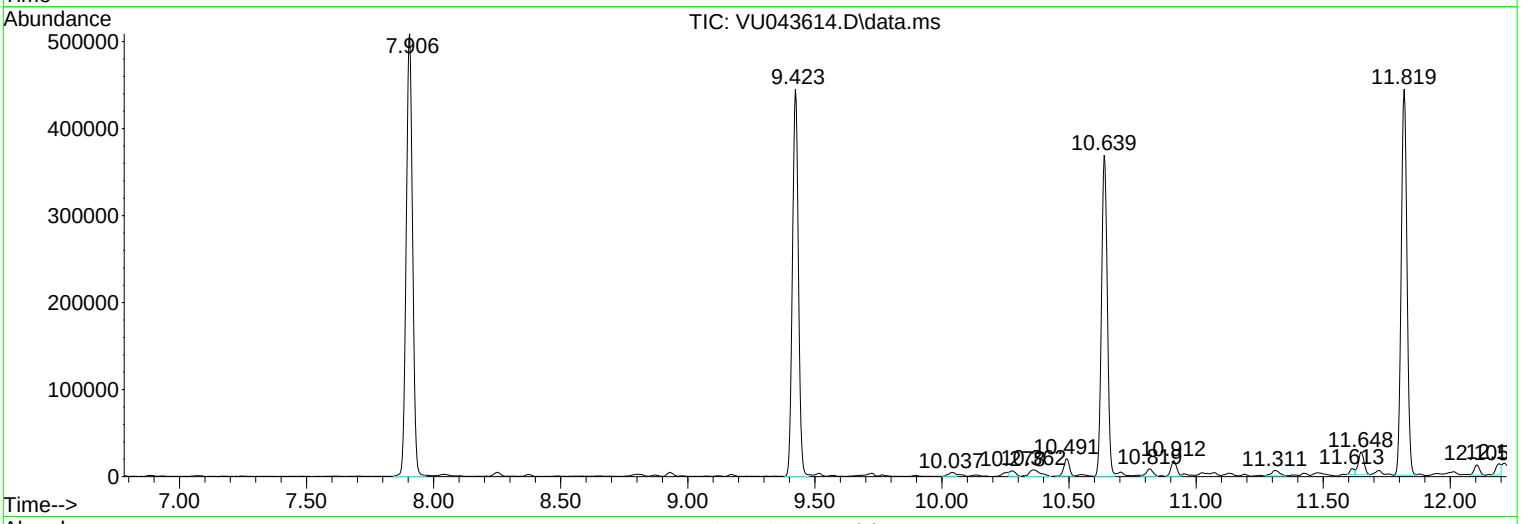
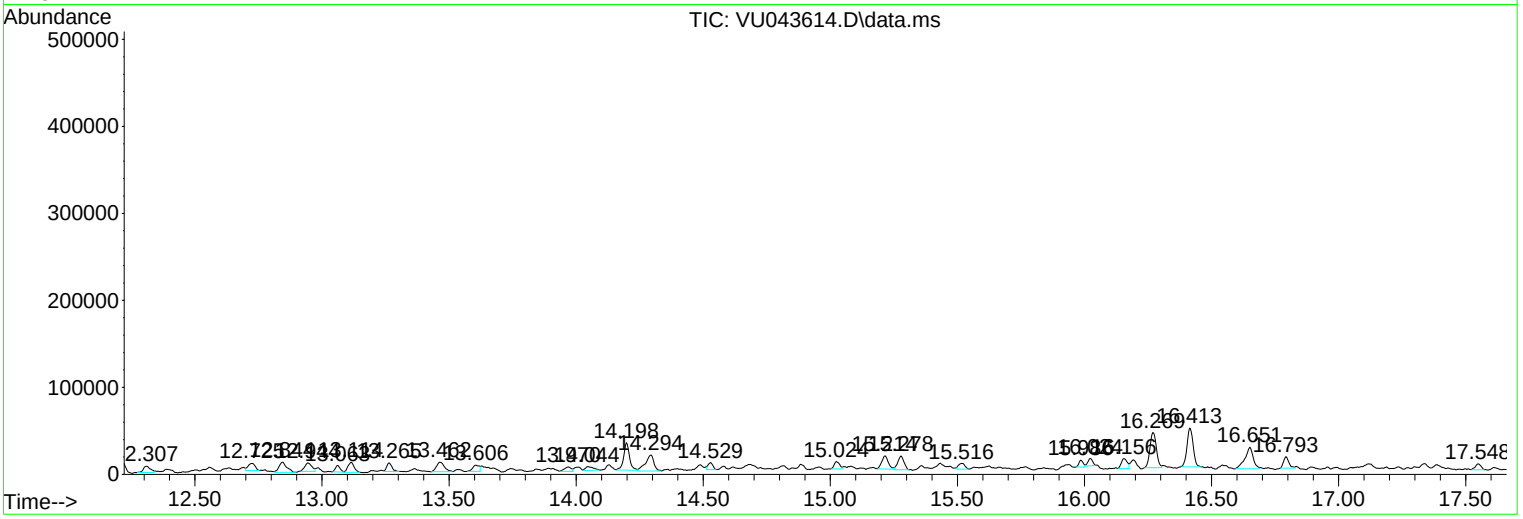
ClientSampleId :
OWL-C5-GW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

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







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Quant Title : SW846 8260

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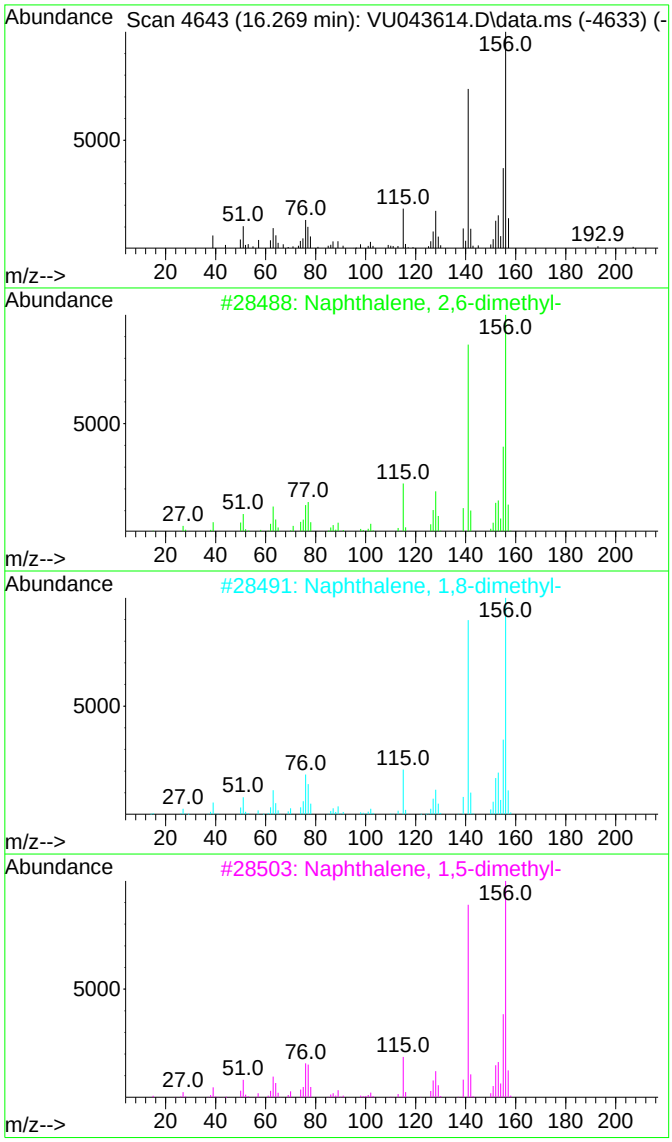
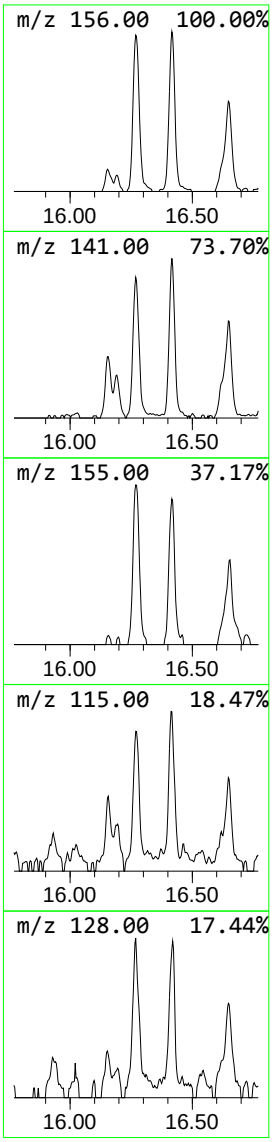
****
Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	5.09 ug/l	71112	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

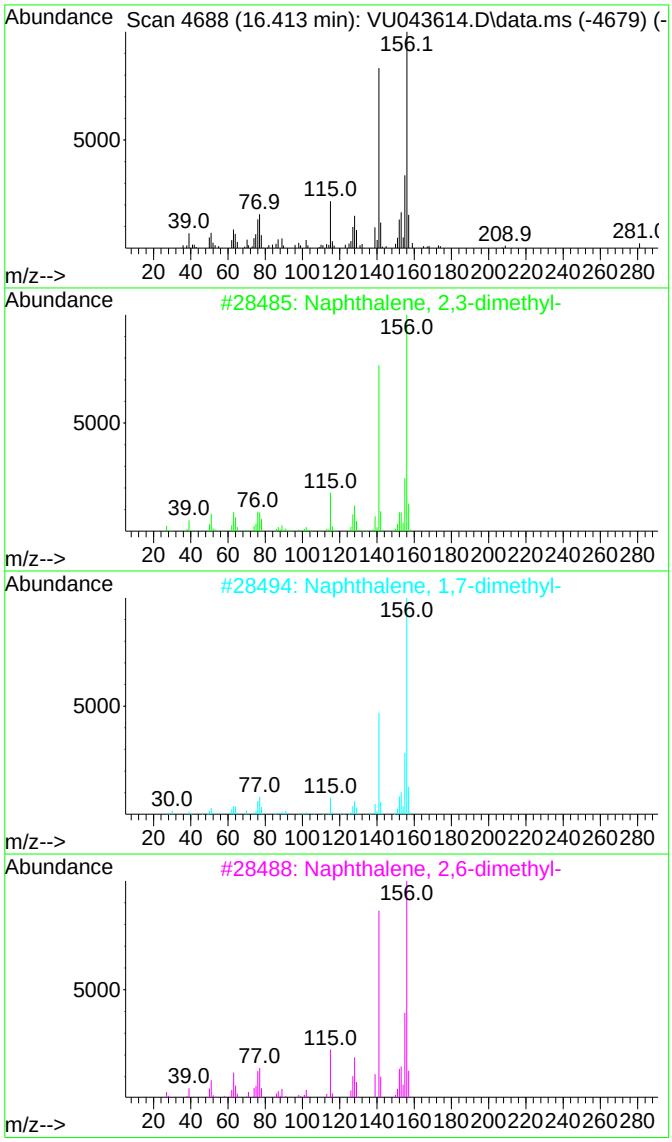
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

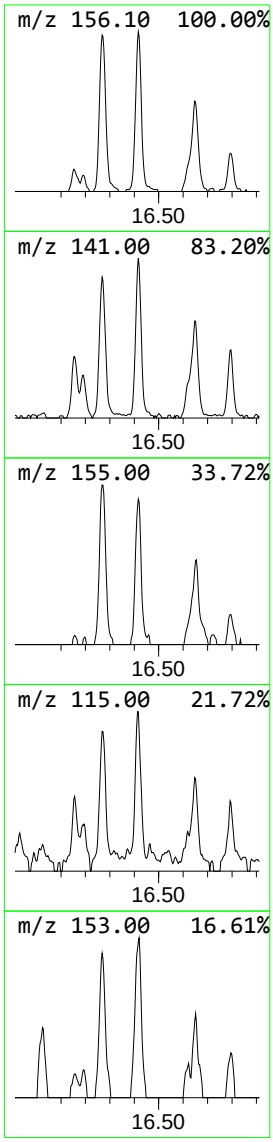
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.413	5.35 ug/l	74705	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	16.269	5.1	ug/l	71112	4	11.819	697996	50.0
Naphthalene, 2,...	16.413	5.3	ug/l	74705	4	11.819	697996	50.0