LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
Data File : VW004205.D
Acq On : 25 Jul 2018 21:11
Operator : SY/AP
Sample : J3821-07
Misc : 6.33G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-A

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_W\METHOD\82W071618S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	16	26	28	rBV	13156	24885	1.22%	0.216%
2	1.807	28	36	56	rVB	896252	2046067	100.00%	17.772%
3	4.123	408	416	427	rBV	11770	32190	1.57%	0.280%
4	7.153	901	913	925	rBV2	14856	44769	2.19%	0.389%
5	7.885	1020	1033	1038	rBV	181485	425873	20.81%	3.699%
6	7.952	1038	1044	1057	rVB	323718	706278	34.52%	6.135%
7	8.306	1085	1102	1115	rBV	186796	412816	20.18%	3.586%
8	8.842	1181	1190	1208	rBV	499572	987985	48.29%	8.581%
9	10.330	1426	1434	1452	rBV	569857	1034994	50.58%	8.990%
10	11.634	1641	1648	1659	rBV	583777	978835	47.84%	8.502%
11	12.622	1804	1810	1817	rBV	392296	634604	31.02%	5.512%
12	12.787	1833	1837	1844	rVB3	16618	37260	1.82%	0.324%
13	12.872	1844	1851	1854	rBV4	21075	40672	1.99%	0.353%
14	12.908	1854	1857	1859	rVV	21442	34434	1.68%	0.299%
15	12.951	1859	1864	1869	rVV2	51325	105033	5.13%	0.912%
16	13.110	1882	1890	1897	rBV2	25699	59210	2.89%	0.514%
17	13.183	1898	1902	1909	rVB6	11124	22602	1.10%	0.196%
18	13.256	1909	1914	1919	rBV	28349	47825	2.34%	0.415%
19	13.451	1939	1946	1950	rBV4	32393	59738	2.92%	0.519%
20	13.500	1950	1954	1959	rVV	18235	32789	1.60%	0.285%
21	13.567	1959	1965	1975	rVV2	514980	934562	45.68%	8.117%
22	13.725	1984	1991	1993	rBV7	12147	27332	1.34%	0.237%
23	13.756	1993	1996	1999	rVV2	41071	58712	2.87%	0.510%
24	13.799	1999	2003	2012	rVB3	59315	130124	6.36%	1.130%
25	13.884	2012	2017	2022	rBV2	80129	135214	6.61%	1.174%
26	13.957	2024	2029	2033	rBV	32502	48294	2.36%	0.419%
27	14.018	2036	2039	2041	rBV3	15484	21365	1.04%	0.186%
28	14.048	2041	2044	2048	rVV	25274	36460	1.78%	0.317%
29	14.103	2049	2053	2060	rVB	78734	130500	6.38%	1.133%
30	14.213	2066	2071	2076	rBV2	71159	112999	5.52%	0.981%
31	14.268	2076	2080	2081	rBV	17469	23600	1.15%	0.205%
32	14.347	2088	2093	2097	rBV2	41692	69775	3.41%	0.606%
33	14.396	2097	2101	2104	rVV3	41225	64324	3.14%	0.559%
34	14.426	2104	2106	2110	rVV	32842	46930	2.29%	0.408%

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Title : SW846 8260

35	14.463	2110	2112	2116	rVB	38765	49058	2.40%	0.426%
36	14.512	2116	2120	2123	rBV	39604	52977	2.59%	0.460%
37	14.554	2123	2127	2134	rBV3	48110	90961	4.45%	0.790%
38	14.634	2134	2140	2147	rVB3	31180	80333	3.93%	0.698%
39	14.701	2147	2151	2152	rBV2	17514	22624	1.11%	0.197%
40	14.737	2154	2157	2162	rVB3	55474	86768	4.24%	0.754%
41	14.804	2162	2168	2175	rBV3	124365	300172	14.67%	2.607%
42	14.871	2175	2179	2184	rVB	36478	58004	2.83%	0.504%
43	14.969	2191	2195	2200	rVB	55755	86175	4.21%	0.748%
44	15.079	2208	2213	2216	rBV2	58465	98162	4.80%	0.853%
45	15.182	2225	2230	2237	rVB5	59099	136845	6.69%	1.189%
46	15.335	2251	2255	2259	rBV4	20275	41832	2.04%	0.363%
47	15.432	2266	2271	2276	rBV2	49466	109827	5.37%	0.954%
48	15.566	2291	2293	2302	rVB6	41964	84272	4.12%	0.732%
49	15.670	2302	2310	2317	rBV7	24310	84827	4.15%	0.737%
50	15.749	2318	2323	2327	rBV6	18548	36540	1.79%	0.317%
51	15.877	2340	2344	2349	rVB2	45707	74419	3.64%	0.646%
52	15.963	2356	2358	2363	rVB6	16532	23778	1.16%	0.207%
53	16.188	2386	2395	2402	rBV4	59485	157252	7.69%	1.366%
54	16.390	2421	2428	2434	rVB4	41258	89697	4.38%	0.779%
55	16.457	2434	2439	2443	rBV2	22910	47542	2.32%	0.413%
56	16.664	2465	2473	2478	rBV7	30329	92019	4.50%	0.799%

Sum of corrected areas: 11513134

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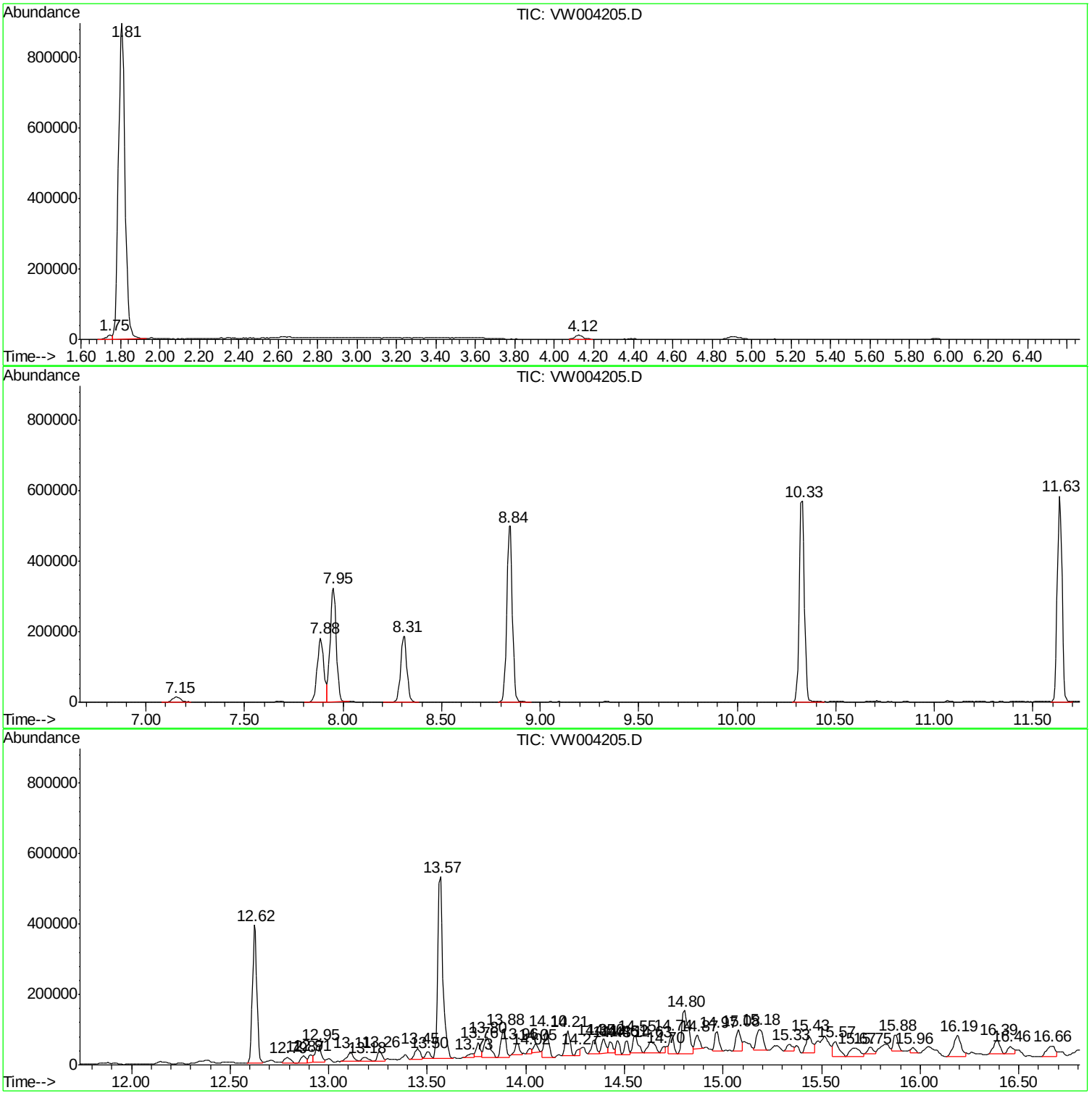
Instrument :
MSVOA_W
ClientSampleId :
HR-06-072418-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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



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Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.96 ug/l	130124	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80

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Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.23 ug/l	135214	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	83
4	(Z)-4-Decen-1-ol, pentafluoropro...	302	C13H19F5O2	1000352-33-4	55
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	55

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Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.05 ug/l	112999	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	45
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	43

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Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.

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ClientSampleId : HR-06-072418-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	16.06 ug/l	300172	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	o-Cymene	134	C10H14	000527-84-4	70

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Peak Number 5 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	5.25 ug/l	98162	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	93
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	74
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	62
5	6-Methyl-4-indanol	148	C10H12O	020294-32-0	58

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Peak Number 6 2-Butene, 3-chloro-1-phenyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	7.32 ug/l	136845	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	90
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64

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Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	5.88 ug/l	109827	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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

1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	43
5	Benzeneethanol, .alpha.,.alpha.-...	162	C11H14O	025982-72-3	30

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Peak Number 8 2-Propyn-1-ol, 3-(4-methylp... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	8.41 ug/l	157252	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	55
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	45
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	45

Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-ethyl-...	13.80	7.0	ug/l	130124	4	13.57	934562	50.0
Naphthalene, deca...	13.88	7.2	ug/l	135214	4	13.57	934562	50.0
Benzene, 1-ethyl-...	14.21	6.0	ug/l	112999	4	13.57	934562	50.0
Benzene, 2-ethyl-...	14.80	16.1	ug/l	300172	4	13.57	934562	50.0
Benzene, 1,3-diet...	15.08	5.3	ug/l	98162	4	13.57	934562	50.0
2-Butene, 3-chlor...	15.18	7.3	ug/l	136845	4	13.57	934562	50.0
Naphthalene, 1,2,...	15.43	5.9	ug/l	109827	4	13.57	934562	50.0
2-Propyn-1-ol, 3-...	16.19	8.4	ug/l	157252	4	13.57	934562	50.0