LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082520\
Data File : VN063121.D
Acq On : 25 Aug 2020 19:04
Operator : JC/MD
Sample : L3792-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : COMP-2

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_N\METHODS\82N081820W.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	1.799	3	8	65	rVB	503288	2048358	100.00%	13.998%
2	3.252	444	460	481	rBV2	13954	46157	2.25%	0.315%
3	3.777	604	623	667	rBV	280805	789149	38.53%	5.393%
4	4.024	683	700	722	rBV	65187	195331	9.54%	1.335%
5	4.291	768	783	804	rVB	39988	116499	5.69%	0.796%
6	4.735	896	921	966	rVB2	65311	250871	12.25%	1.714%
7	6.783	1536	1558	1579	rBV4	32195	108055	5.28%	0.738%
8	7.333	1708	1729	1754	rBV	277773	731529	35.71%	4.999%
9	7.551	1780	1797	1808	rBV	128321	314584	15.36%	2.150%
10	7.628	1808	1821	1845	rVB	227928	544212	26.57%	3.719%
11	7.998	1916	1936	1954	rBV3	320406	844374	41.22%	5.770%
12	8.095	1957	1966	1990	rVB4	14089	35672	1.74%	0.244%
13	8.278	1990	2023	2024	rBV2	30040	109017	5.32%	0.745%
14	8.551	2094	2108	2127	rVB	373358	774823	37.83%	5.295%
15	9.008	2238	2250	2260	rBV5	12535	26313	1.28%	0.180%
16	9.165	2289	2299	2317	rVB4	9462	24251	1.18%	0.166%
17	9.677	2448	2458	2474	rVB2	15265	29637	1.45%	0.203%
18	9.953	2534	2544	2562	rVB	49697	90672	4.43%	0.620%
19	10.062	2562	2578	2589	rBV	601153	1093454	53.38%	7.472%
20	10.127	2589	2598	2623	rVB	244613	455033	22.21%	3.109%
21	10.329	2651	2661	2673	rVB	26193	45882	2.24%	0.314%
22	10.779	2793	2801	2809	rBV2	13103	21737	1.06%	0.149%
23	11.381	2976	2988	3010	rVB	571654	981681	47.93%	6.708%
24	11.506	3011	3027	3035	rBV3	29501	79130	3.86%	0.541%
25	11.558	3035	3043	3046	rVV4	40365	60751	2.97%	0.415%
26	11.593	3047	3054	3075	rVB	114270	213655	10.43%	1.460%
27	11.696	3075	3086	3095	rBV2	22654	43251	2.11%	0.296%
28	11.927	3147	3158	3170	rBV5	74375	148638	7.26%	1.016%
29	12.175	3227	3235	3241	rBV3	13081	23511	1.15%	0.161%
30	12.377	3285	3298	3309	rBV	454601	768007	37.49%	5.248%
31	12.435	3309	3316	3329	rVB	39183	66960	3.27%	0.458%
32	12.570	3348	3358	3369	rBV2	13913	26483	1.29%	0.181%
33	12.699	3385	3398	3408	rVB10	16931	49245	2.40%	0.337%
34	12.805	3422	3431	3444	rVB	179309	272740	13.32%	1.864%

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Title : SW846 8260

35	13.017	3488	3497	3504	rBV	67636	111957	5.47%	0.765%
36	13.320	3579	3591	3606	rBV	518297	895573	43.72%	6.120%
37	13.525	3646	3655	3670	rBV4	18433	45445	2.22%	0.311%
38	13.699	3692	3709	3723	rBV	291070	482953	23.58%	3.300%
39	13.940	3775	3784	3791	rBV10	13415	31004	1.51%	0.212%
40	14.069	3815	3824	3831	rBV	31181	57610	2.81%	0.394%
41	14.194	3856	3863	3872	rBV4	16213	26234	1.28%	0.179%
42	14.641	3990	4002	4013	rBV7	41242	83891	4.10%	0.573%
43	14.715	4018	4025	4038	rVB3	23725	41761	2.04%	0.285%
44	14.821	4051	4058	4067	rVB4	29490	47384	2.31%	0.324%
45	15.104	4134	4146	4160	rBV	577530	1020147	49.80%	6.971%
46	15.471	4253	4260	4273	rBV3	23912	40348	1.97%	0.276%
47	16.123	4453	4463	4476	rVB	47790	93462	4.56%	0.639%
48	16.210	4480	4490	4511	rVB3	34125	84623	4.13%	0.578%
49	16.313	4512	4522	4533	rBV	37779	79728	3.89%	0.545%
50	16.413	4547	4553	4576	rVB5	27940	61885	3.02%	0.423%

Sum of corrected areas: 14633667

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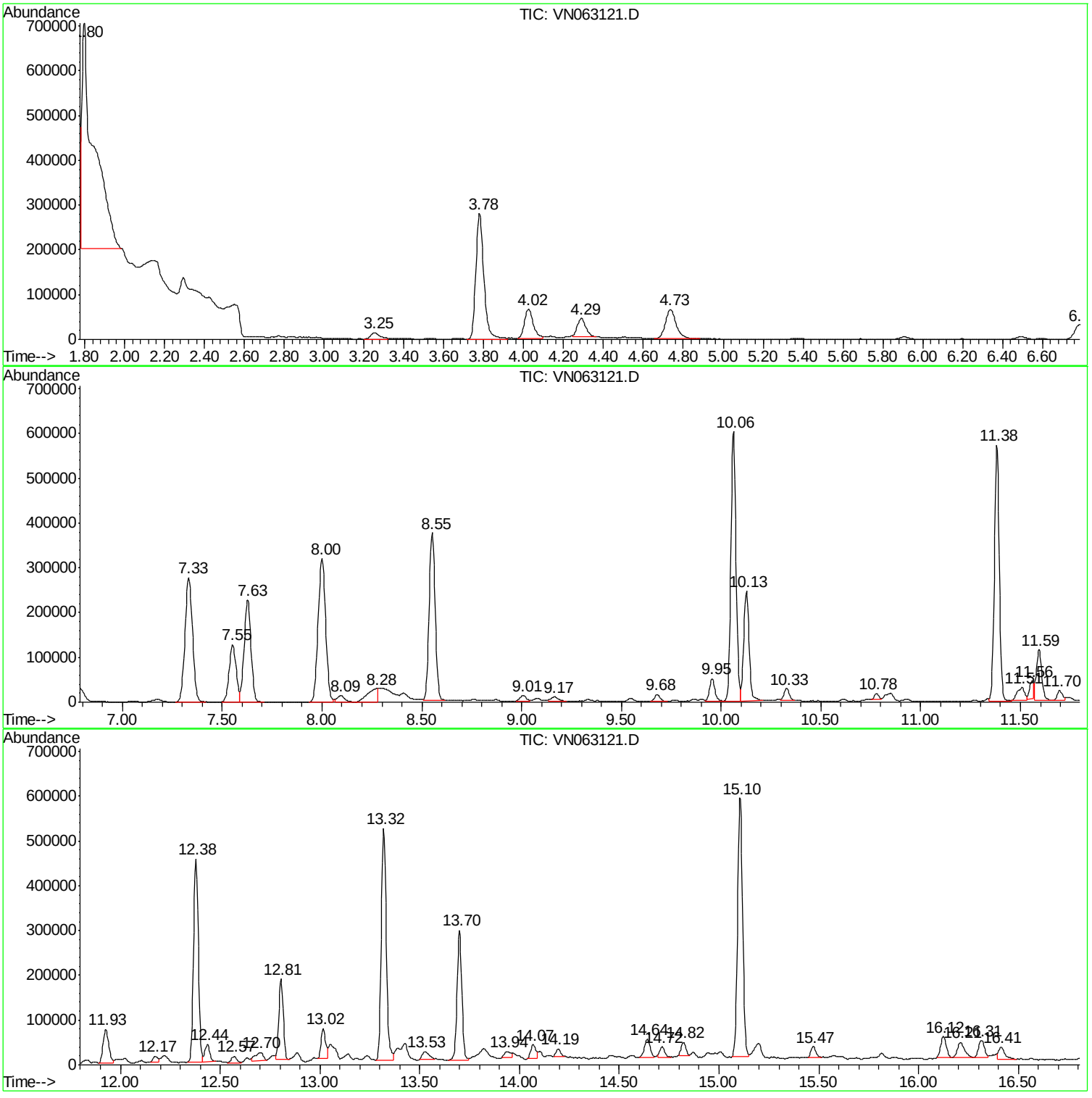
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260

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



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Peak Number 1 Propane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	188.20 ug/l	2048360	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	74
2	Propene	42	C3H6	000115-07-1	9
3	Cyclopropene	40	C3H4	002781-85-3	2
4	Cyclobutylamine	71	C4H9N	002516-34-9	2
5	Ethanamine, 2-propoxy-	103	C5H13NO	042185-03-5	2

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Peak Number 2 Acetic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	7.03 ug/l	109017	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	90
2	Cyclohexan-1,4,5-triol-3-one-1-c...	190	C7H10O6	1000128-45-5	43
3	Hydroperoxide, 1-methylpentyl	118	C6H14O2	024254-55-5	38
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9

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Peak Number 3 4-Heptanone, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	15.23 ug/l	272740	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
3	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	59
4	5-Nonanone	142	C9H18O	000502-56-7	45
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	38

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Peak Number 4 Indene Concentration Rank 2

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

Library Search Compound Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : COMP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.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.
13.70	26.96 ug/l	482953	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91

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Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.22 ug/l	93462	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72

Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane	1.80	188.2	ug/l	2048360	1	7.63	544212	50.0
Acetic acid	8.28	7.0	ug/l	109017	2	8.55	774823	50.0
4-Heptanone, 2,6-...	12.81	15.2	ug/l	272740	4	13.32	895573	50.0
Indene	13.70	27.0	ug/l	482953	4	13.32	895573	50.0
Naphthalene, 1-me...	16.12	5.2	ug/l	93462	4	13.32	895573	50.0